

**U.S. Army Corps of Engineers, Alaska District
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, Alaska
Contract No. W911KB-04-C-0019
FUDS Property No. F10AK096901**

**REMOVAL ACTION REPORT
FINAL
September 2006**



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ACRONYMS AND ABBREVIATIONS

°F	degrees Fahrenheit
AC&WS	Aircraft Control and Warning Station
ACM	asbestos-containing material
ADF&G	Alaska Department of Fish and Game
AFS Ops	Air Force Station Operations
AHAs	Activity Hazard Analyses
ANCSA	Alaska Native Claims Settlement Act
Arctic Catering	Kuukpik Arctic Catering
AST	aboveground storage tank
ATV	all-terrain vehicle
BD/DR	building demolition/debris removal
BEESC	Bristol Environmental & Engineering Services Corporation
Bering Air	Bering Air, Inc.
bgs	below ground surface
CAB	concrete asbestos board
CDAP	Chemical Data Acquisition Plan
CDQAR	Chemical Data Quality Assurance Report
CDQR	Chemical Data Quality Report
CLIN	Contract Line Item Number
Con-HTW	containerized hazardous and toxic waste
CQC	contractor quality control
CQCP	Contractor Quality Control Plan
CQCSM	Contractor Quality Control Systems Manager
CTP	concrete transformer pad
DERP	Defense Environmental Restoration Program
destructor	McPherson Systems, Inc., M30F Air Curtain Destructor
E&E	Ecology and Environment, Inc.
EPA	U.S. Environmental Protection Agency
EPP	Environmental Protection Plan

ACRONYMS AND ABBREVIATIONS
(continued)

FS	feasibility study
FUDS	Formerly Used Defense Sites
MEC	Main Electronics Center
mg/kg	milligrams per kilogram
mph	miles per hour
MSL	mean sea level
MWH	Montgomery Watson Harza Americas, Inc.
NE Cape	Northeast Cape White Alice Site
NPDES	National Pollutant Discharge Elimination System
NSI	Northland Services, Inc.
Nugget	Nugget Construction, Inc.
PCBs	polychlorinated biphenyls
PLO	Public Land Order
PM	Project Manager
QA	quality assurance
QAR	Quality Assurance Representative
QC	quality control
RA	removal action
RI	Remedial Investigation
SAP	Sampling and Analysis Plan
SGS	SGS Environmental Services, Inc.
SHSP	Site Health and Safety Plan
SSHO	Site Safety and Health Officer

ACRONYMS AND ABBREVIATIONS
(continued)

SWPPP	Storm Water Pollution Prevention Plan
T&D	transportation and disposal
TCLP	Toxicity Characteristic Leaching Procedure
Terra	Terra Surveys, LLC
the Landowners	Savoonga Native Corporation and Sivuqaq, Inc.
TP	Trail Point
USACE	U.S. Army Corps of Engineers, Alaska District
USAF	U.S. Air Force
WACS	White Alice Communications System
WDP	Work Demolition Plan

EXECUTIVE SUMMARY

1
2 This Removal Action Report presents the results of a removal action performed at the
3 Northeast Cape White Alice Site (NE Cape), on St. Lawrence Island, Alaska. Bristol
4 Environmental & Engineering Services Corporation (BEESC) and its team of subcontractors
5 performed the work for the U.S. Army Corps of Engineers, Alaska District (USACE), under
6 Contract No. W911KB-04-C-0019.

7 St. Lawrence Island is located in the Bering Sea, approximately 135 air miles southwest of
8 Nome, Alaska, at 63 degrees 20 minutes north latitude and 168 degrees 59 minutes west
9 longitude. A U.S. Air Force (USAF) Aircraft Control and Warning Station (AC&WS) was
10 constructed at the site during 1950 and 1951, and activated in 1952. In 1954, the USAF
11 constructed a White Alice Communications System (WACS) station, composed of four large
12 parabolic antennas and a building housing the electronic equipment. The facility functioned
13 as a surveillance station, providing radar coverage for the Alaskan Air Command and, later,
14 for the North American Air Defense Command. It was part of an Alaska-wide early warning
15 system constructed to reduce potential vulnerability to bomber attack across the polar region.

16 AC&WS and WACS operations were terminated in 1969 and 1972, respectively. The
17 majority of the military personnel were removed from the NE Cape site by the end of 1969.
18 NE Cape buildings, and the majority of furnishings and equipment, were abandoned in place
19 because of the high cost of off-island transport. In 2000, the White Alice Station was
20 reclassified as a Formerly Used Defense Sites (FUDS)-eligible property, and the USACE
21 included the area in the ongoing cleanup program for NE Cape.

22 A building demolition and debris removal (BD/DR) and containerized hazardous and toxic
23 waste (Con-HTW) removal action was conducted at the site during the 2000 and 2001 field
24 seasons. The scope of work for this activity included removal of underground storage tanks
25 aboveground storage tanks (ASTs), drums, pole lines and wires, Con-HTW, contaminated
26 soil, water wells, and selected buildings at the former AFS Operations (AFS Ops) Area.

27 BEESC conducted a BD/DR and Con-HTW removal at the site during the 2003 field season.
28 The results of this activity were documented in the Removal Action Report (BEESC, 2004).
29 In 2003, work occurred on both the upper and lower mountain areas. In general, the work

1 scope included removal and disposal of the remaining buildings, the utilidor system, a large
2 septic tank serving the AFS Ops Area, ASTs, drums, pole lines and wires, Con-HTW, and
3 miscellaneous wastes. A total of over 5,000 tons of waste and debris were shipped off-island
4 for disposal in 2003. However, due to budget constraints, the USACE was not able to fund
5 demolition of the tram towers and removal of all of the wastes identified at the site.

6 The scope of cleanup work for the 2005 season included:

- 7 • Preparing planning documents and reports;
- 8 • Mobilizing and demobilizing;
- 9 • Providing and improving access to the work sites;
- 10 • Removing tram towers and associated cables and wires;
- 11 • Conducting surveying, sampling, and analysis;
- 12 • Removing drums and miscellaneous items and debris;
- 13 • Removing contaminated soil and concrete;
- 14 • Removing a water collector and water line;
- 15 • Removing former power and communications poles and wires; and
- 16 • Reseeding disturbed areas.

17 BEESC received the USACE's notice to proceed on July 9, 2004. A total of approximately
18 1,700 tons of freight (equipment, fuel, supplies, and camp) were mobilized by barge to the NE
19 Cape site on June 25, 2005. Mobilization was complete and cleanup activities began on July
20 5, 2005. A crew of approximately 22 people: 12 BEESC personnel, six local hires, three
21 Kuukpik Arctic Catering personnel, and a physician's assistant were housed in a temporary
22 construction camp built to support the project. Aircraft flying out of Nome, Alaska, provided
23 logistics support for the project. Periodic off-island waste shipments were made using barges.

24 BEESC's original project schedule called for a total of 63 field days in 2005. However, the
25 fieldwork was completed on August 23, 2005. Efficiencies achieved during the 2005 field
26 season reduced our overall field time from 63 days (planned) to 50 days (actual). During this
27 period, BEESC and its subcontractors:

- 28 • Upgraded and repaired six miles of road and three miles of cat trails;

- 1 • Demolished and removed the tram line, and the associated line support towers and
2 wire/cable groups;
 - 3 • Removed approximately 26 tons of debris from two debris fields, located at the former
4 AC&WS on Kangukhsam Mountain;
 - 5 • Removed more than 200 metal and wooden poles, and approximately 25 miles of
6 power and communications wire and cable;
 - 7 • Sorted, processed, packaged and transported more than 1,520 tons of demolition
8 debris;
 - 9 • Manifested and transported approximately 1,500 tons of waste off-island for disposal
10 or recycling;
 - 11 • Burned over 370 tons of burnable wood on-island, and ash was removed for disposal
12 off-island;
 - 13 • Excavated, packaged, manifested, transported and disposed of over 160 tons of
14 polychlorinated biphenyls (PCB)-contaminated concrete;
 - 15 • Excavated, packaged, manifested, transported, and disposed of over 290 tons of PCB-
16 contaminated soil; and
 - 17 • Field screened and/or sampled soil and concrete for PCB contamination at three sites
18 (Site 31 – White Alice site, Site 7 – Cargo Beach Road Landfill area, and the AFS Ops
19 Area).
- 20 Demobilization of personnel from NE Cape was completed by August 26, 2005. The last
21 shipment of waste was removed from the island on September 27, 2005. Because of poor
22 weather in the Bering Sea, the last of BEESC's equipment was not removed from the island
23 until October 10, 2005. All of the equipment was returned to Anchorage, Alaska, by
24 November 5, 2005.

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1 **1.0 INTRODUCTION**

2 This Removal Action (RA) Report presents the results of an RA performed at the Northeast
3 Cape White Alice Site (NE Cape), on St. Lawrence Island, Alaska. Bristol Environmental &
4 Engineering Services Corporation (BEESC) and its team of subcontractors performed the
5 work for the U.S. Army Corps of Engineers, Alaska District (USACE), under Contract No.
6 W911KB-04-C-0019.

7 The work was focused on reducing hazards to human health and the environment, posed by
8 wire, debris, and aboveground protrusions across the site, and by polychlorinated biphenyls
9 (PCB)-contaminated soil and concrete. The work accomplished was composed of:
10 preparation of plans and reports; site mobilization and demobilization; providing and
11 improving access to the work sites; removal, containerization, and disposal of incidental
12 containerized hazardous and toxic waste (Con-HTW); removal and disposal of drums and
13 other miscellaneous items and surface debris; removal and disposal of former power and
14 communications poles and wires; removal of tram towers and associated cables and power
15 lines; and removal, excavation, and disposal of PCB-contaminated concrete and soil.

16 The contract was awarded to BEESC on July 9, 2004, and final planning documents were
17 submitted to the USACE on June 3, 2005. Ice reconnaissance flights began in May 2005.
18 Sea ice conditions prevented the beach landing required to mobilize until June 25, 2005. The
19 mobilization was completed and fieldwork began on July 5, 2005. The fieldwork was
20 completed and demobilization began August 23, 2005. Because of poor weather in the Bering
21 Sea, the demobilization was partially completed on September 27, 2005, and totally
22 completed on October 12, 2005.

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1 **2.0 SITE DESCRIPTION**

2 **2.1 PHYSICAL DESCRIPTION AND HISTORY**

3 **2.1.1 Location**

4 St. Lawrence Island is located in the Bering Sea, approximately 135 air miles southwest of
5 Nome, Alaska, at 63 degrees 20 minutes north latitude and 168 degrees 59 minutes west
6 longitude (Figure 2-1). The NE Cape site is located in Township 25 South, Range 54 West,
7 Kateel River Meridian. The site is approximately 8 miles west of the Northeast Cape of St.
8 Lawrence Island, and lies between Kitnagak Bay to the northeast, Kangighsak Point to the
9 northwest, and the Kinipaghulghat Mountains to the south. It extends approximately 4 miles
10 southward from the Bering Sea coast to a point approximately 1,820 feet above mean sea
11 level (MSL) in the Kinipaghulghat Mountains (Figure 2-2).

12 **2.1.2 History**

13 St. Lawrence Island was established as a reindeer reserve by Executive Order on January 7,
14 1903. The U.S. Air Force (USAF) acquired the NE Cape site on January 16, 1952, under
15 Public Land Order (PLO) 970, which removed 21,013 acres from the reindeer reserve. A
16 USAF Aircraft Control and Warning Station (AC&WS) was constructed at the site during
17 1950 and 1951, and activated in 1952. Approximately 220 U.S. Department of Defense
18 personnel were stationed at the site. The NE Cape facility functioned as a surveillance
19 station, providing radar coverage for the Alaskan Air Command and, later, for the North
20 American Air Defense Command. It was part of an Alaska-wide early warning system
21 constructed to reduce potential vulnerability to bomber attack across the polar region.

22 In 1954, the USAF constructed a White Alice Communications System (WACS) station
23 composed of four large parabolic antennas, and a building housing the electronic equipment.
24 The WACS communication relay system used tropospheric scatter to transmit information
25 detected by the AC&WS radar facility. In 1958, 16,213 acres were restored to the reindeer
26 reserve under PLO 1602, while 4,800 acres remained withdrawn from the reserve.

27 AC&WS and WACS operations were terminated in 1969 and 1972, respectively. The
28 majority of the military personnel were removed from the NE Cape Site by the end of 1969.

1 NE Cape buildings, and the majority of furnishings and equipment, were abandoned in place
2 because of the high cost of off-island transport.

3 All lands were then withdrawn from the military under PLO 5187 for classification under
4 Section 17(d)(1) of the Alaska Native Claims Settlement Act (ANCSA) of 1971, which
5 entitled local community village corporations to select and receive specific tracts of federal
6 land. Interim Conveyance No. 203 (June 1979) conveyed unsurveyed lands of St. Lawrence
7 Island to Sivuqaq, Inc., and Savoonga Native Corporation (the Landowners). Excluded from
8 transfer were surveyed land, easements, and land-use permits effective prior to conveyance.
9 Addresses for the Landowners are as follows:

Savoonga Native Corporation	Sivuqaq, Inc.
P.O. Box 160	P.O. Box 101
Savoonga, Alaska 99769	Gambell, Alaska 99742-0101

10 In 1982, transfer of the WACS area to the U.S. Department of the Navy was initiated.
11 However, this transaction was not formally completed and was superseded by ANCSA. The
12 Navy conducted a removal action at the WACS area under its Comprehensive Long-term
13 Environmental Action Navy Program. The action included removal of specified hazardous
14 items and Con-HTW.

15 In 2000, the White Alice Station was reclassified as a Formerly Used Defense Sites (FUDS)-
16 eligible property and, in response, the USACE included the area in the ongoing cleanup
17 program for NE Cape.

18 A building demolition and debris removal (BD/DR) and Con-HTW removal action was
19 conducted at the site during the 2000 and 2001 field seasons. The scope of work for this
20 activity included removal of underground storage tanks, aboveground storage tanks (ASTs),
21 drums, pole lines and wires, Con-HTW, contaminated soil, water wells, and selected buildings
22 at the former AFS Operations (AFS Ops) Area.

23 BEESC conducted a BD/DR and Con-HTW removal at the site during the 2003 field season.
24 The results of this activity were documented in the RA Report (BEESC, 2004). In 2003, work
25 occurred on both the upper and lower mountain areas. In general, the work scope included
26 removal and disposal of the remaining buildings, the utilidor system, a large septic tank

1 serving the AFS Ops Area, ASTs, drums, pole lines and wires, Con-HTW, and miscellaneous
2 wastes. A total of over 5,000 tons of waste and debris were shipped off-island for disposal in
3 2003.

4 **2.2 PHYSICAL ENVIRONMENT**

5 **2.2.1 Climate**

6 St. Lawrence Island has a cool, moist, subarctic maritime climate with some continental
7 influences during winter when much of the Bering Sea is capped with ice pack. Winds and
8 fog are common, and precipitation occurs approximately 300 days per year as light rain, mist,
9 or snow. Annual snowfall is approximately 80 inches per year. Total annual precipitation is
10 about 16 inches, with more than half the annual amount falling as light rain between June and
11 September. Summer temperatures average between 34 degrees Fahrenheit (°F) and 48 °F,
12 with a record high of 65 °F. Winter temperatures range from -2 °F to 10 °F, with an extreme
13 low of -30 °F. Freeze-up normally occurs in October or November, and breakup normally
14 occurs in June.

15 Winds are generally from a northerly to northeasterly direction from September to June, and
16 southwesterly in July and August. Winds exceeding 11 miles per hour (mph) occur 70
17 percent of the time. The average wind speed is 18 mph, but increases to an average of 23 mph
18 during the winter months. Wind gusts in the NE Cape area have measured as high as 110
19 mph.

20 **2.2.1.1 Weather Conditions During Project Field Season**

21 Weather conditions during the July through late-August 2005 field season were typical of a
22 summer subarctic maritime climate. Low to moderate variable winds, light precipitation or
23 fog, and temperatures ranging from the low 40s to the upper 50s to low 60s, were typical of
24 the daily weather in lowland and lower mountain areas. Weather conditions in the upper
25 mountain area were more extreme, with moderate to high winds, light to moderate
26 precipitation or thick fog (low clouds), and temperatures ranging from the low 30s to the high
27 50s. Periodic violent storms with high, sustained, winds in excess of 50 mph and high
28 precipitation were encountered, as well as sporadic periods of clear, calm conditions.

1 Between July 5 and August 23, 2005, BEESC experienced approximately 1.5 days of
2 curtailed fieldwork activity in the lowland/lower mountain area because of high winds.
3 Inclement weather did not impact work on the upper mountain because crews were not
4 dispatched to the upper mountain unless the weather was good and the weather forecast was
5 favorable.

6 **2.2.2 Topography**

7 The lower mountain area consists mainly of flat coastal plains that gradually turn into rolling
8 tundra toward the base of the Kinipaghulghat Mountains. The mountains rise abruptly to a
9 maximum elevation of more than 1,850 feet above MSL. Elevations across the work area
10 ranged from sea level to 1,820 feet above MSL (USACE, 2002).

11 **2.2.3 Geology**

12 St. Lawrence Island consists of isolated bedrock highlands of igneous and older sedimentary
13 rocks, surrounded by unconsolidated surficial deposits, overlying a relatively shallow
14 erosional bedrock surface. In the immediate vicinity of the lower mountain area, shallow
15 unconsolidated surficial materials overlie quartz monzonitic rocks of the Kinipaghulghat
16 Pluton. The pluton forms the mountainous work area south of the AFS Ops Area, including
17 Kangukhsam Mountain. The Suqitughneq River drainage at the work area in the
18 Kinipaghulghat Pluton has created an erosional valley and alluvial fan of unconsolidated
19 sediments. Granitic bedrock materials are exposed at the coast, north of the site at Kitnagak
20 Bay, suggesting that quartz monzonitic bedrock underlies the unconsolidated materials at a
21 relatively shallow depth on a wave-cut erosional platform.

22 The unconsolidated materials exhibit an alluvial soil profile in areas that have not been
23 disturbed by man. In general, silts near the surface overlying more sand-dominated soils at
24 depth characterize native soil stratigraphy at the site. The silt may contain varying quantities
25 of clay/sand/gravel and may vary from zero to 10 feet in thickness. The silt is dark brown to
26 dark green, and sometimes exhibits a mottled texture. In some areas, the silt exhibits an aqua
27 green or blue color. Dark brown silts are observed in cut banks. The sand at depth contains
28 varying degrees of silt/gravel/cobbles and varies from 2 feet to more than 20 feet in thickness.
29 These deeper, coarse-grained, materials are generally unsorted and are likely to be of

1 glaciofluvial origin. The depth to bedrock at the lower elevation areas of the site is unknown
2 (USACE, 2002).

3 Beach material is primarily cobbles (1-inch stones) with some sand. Some areas have large
4 boulders and rocks (USACE, 2002).

5 **2.2.4 Hydrogeology and Water Quality**

6 Because of the relatively remote and undeveloped nature of St. Lawrence Island, there are few
7 data sources concerning regional groundwater. Bedrock materials south of the site (and
8 underlying the unconsolidated deposits) are not expected to store and transmit significant
9 quantities of groundwater. Typically, these types of granitic rocks are generally impermeable,
10 and transmit groundwater only through localized fractures and weathered soil zones at the
11 surface.

12 The primary potential aquifer at the NE Cape complex was the unconsolidated alluvial
13 material that underlies the area. Annual rain and snowmelt runoff from the mountainous
14 region to the south, recharge the unconsolidated materials. Based on the topography and
15 geology of the project area, the local groundwater flow direction is anticipated to be from the
16 mountainous region south of the site, northward to the Bering Sea.

17 A key factor influencing the flow of groundwater at the site is the existence of permafrost and
18 frozen soils, which render the unconsolidated materials effectively impermeable in areas. The
19 U.S. Geological Survey has classified St. Lawrence Island as an area of “moderately thick to
20 thin permafrost.” Although the depth of permafrost at St. Lawrence Island is unknown, the
21 base of permafrost on the mainland at Nome (135 air miles to the northeast) is estimated to be
22 at a depth of 120 feet. The deeper, unconsolidated deposits at the site are probably
23 permanently frozen, and the shallow soils represent the active layer where soils are thawed
24 only during portions of the year. Frozen soils have a profound effect in retarding groundwater
25 flow during most of the year.

26 In addition to the Bering Sea north of the NE Cape, surface water in the vicinity of the work
27 area consists of small streams, small- to moderate-sized ponds, and marshy areas. Surface
28 water generally flows northward from the highland area to the south. Small surface-water

1 bodies are common throughout the area. The primary stream drainage in the area, the Suqi
2 River, is fed by runoff from the prominent drainage of the Kinipaghulghat Mountain valley in
3 the lower mountain area. Several smaller tributaries feed this stream drainage as it flows
4 north to Kitnagak Point. The smaller tributaries originate from two small, unnamed lakes
5 (USACE, 2002).

6 **2.2.5 Air Quality**

7 Air quality in the NE Cape area is good due to limited local sources of air emissions (e.g.,
8 boat motors, all-terrain vehicles [ATVs], and fires from island residents utilizing subsistence
9 camps), because of the site's remoteness. Air emissions were generated from combustion
10 engines and burning during RA work; however, daily prevailing winds rapidly dispersed the
11 generated emissions.

12 **2.3 SOCIOECONOMIC CONDITIONS**

13 **2.3.1 Community Profile**

14 There are no permanent residents at the NE Cape Site. The community nearest the site is the
15 village of Savoonga (population of approximately 650), located approximately 53 miles
16 northwest of the site. The site is accessible from Savoonga by boat or ATV in the summer.
17 There is no regularly scheduled commercial access to the project site (USACE, 2002).

18 **2.3.2 Subsistence Activities**

19 Savoonga is a traditional Siberian Yup'ik village with a subsistence lifestyle based on walrus
20 and whale hunting. Whale, seal, walrus, and reindeer comprise 80 percent of islanders' diets.
21 The economy is largely based upon subsistence hunting of walrus, seal, fish, and whale, with
22 some cash income. Berries and edible plants are also harvested. A Native subsistence camp
23 for fishing, hunting, and berry gathering (10 to 15 dwellings) exists on Kitnagak Bay, near NE
24 Cape, and is used primarily during the summer season (USACE, 2002).

25 **2.4 PREVIOUS STUDIES AND ACTIONS**

26 In 1985, URS Corporation conducted an Environmental Assessment of the NE Cape facility
27 under the Defense Environmental Restoration Program (DERP). The assessment consisted of

1 a file search and preliminary reconnaissance of the facility, which included an inventory of
2 materials left by the military, and a collection of a limited number of soil and water samples.

3 In 1991 and 1992, Ecology and Environment, Inc. (E&E) conducted an additional site
4 reconnaissance and interviewed personnel who had resided at the NE Cape complex when it
5 was active. In 1993, E&E prepared a Chemical Data Acquisition Plan (CDAP) to further
6 investigate areas of concern.

7 In 1994, Montgomery Watson Harza Americas, Inc. (MWH) performed a Phase I Remedial
8 Investigation (RI) in accordance with the CDAP. The results of the Phase I RI chemical
9 sampling and analysis and quality assurance/quality control (QA/QC) activities were
10 presented in a Phase I RI report. Concurrent with the MWH RI, Northwest Enviro Service,
11 Inc., (under contract to the USACE) removed all electrical transformers and their contents
12 from NE Cape.

13 In 1995 and 1996, a Remedial Action Alternatives Technical Memorandum and an
14 Engineering Evaluation/Cost Analysis were completed by MWH to evaluate and recommend
15 future actions at NE Cape, with respect to building demolition, debris removal, and Con-
16 HTW removal.

17 In 1996, MWH performed a Phase II RI that included collection of soil, water, and biological
18 samples; characterization of liquids in storage tanks and subterranean structures; a
19 radiological survey; and posting of potential asbestos hazards. Results of the 1996 Phase II
20 RI/Feasibility Study (FS) and a Human Health and Ecological Risk Assessment were
21 documented in a draft Phase II RI/FS report. Because of unresolved technical questions,
22 MWH collected additional data in September 1998 before completion of the draft Phase II
23 RI/FS.

24 In 1997, mitigation of physical hazards caused by grounded wire and cable on the tundra was
25 conducted.

26 In 1999, MWH conducted additional sampling at selected sites to assist in assessing the
27 impact to human health and the environment, determine the extent and transport of
28 contaminants, and help select appropriate remedial technologies.

1 The WACS at NE Cape became eligible for cleanup under the DERP-FUDS program in 2000.
2 The WACS was divided into four sites (Sites 31, 32, 33, and 34), which were added to the
3 ongoing environmental investigations being performed at NE Cape. An initial RI was
4 performed by MWH in 2001. The most recent environmental investigation was completed in
5 2004 by Shannon & Wilson, Inc.

6 Nugget Construction, Inc. (Nugget), was awarded a contract for demolition and removal of
7 buildings and structures in 1999. In 2000, Nugget removed approximately 60 tons of
8 miscellaneous debris and 6,000 scattered drums. Nugget demolished approximately 50
9 percent of the buildings in the AFS Ops Area in 2001.

10 During the 2001 and 2002 field seasons, MWH conducted sampling as part of a Phase III RI.
11 Soil, sediment, water, fish, and plant samples were collected. Data were also evaluated in a
12 human health and ecological risk assessment.

13 BEESC was awarded a contract to perform a removal action at the NE Cape facilities in 2002.
14 The scope of work for this removal action included abating asbestos to facilitate demolition of
15 buildings and structures; demolishing buildings, utilidors, and other structures; removing
16 Con-HTW; removing ASTs and associated fuel lines; removing power and communications
17 poles and wires; and transporting and disposing of all generated wastes off-island. The
18 fieldwork was completed in 2003. However, because of USACE budget constraints,
19 demolition of a tram line (towers and associated cables and wires), excavation and disposal of
20 contaminated soil, and cleanup and disposal of pole lines and wire, as well as a significant
21 amount of debris, was not performed under this contract.

22 Shannon & Wilson, Inc., performed soil sampling at various locations during the summer
23 field season of 2004. Sample results from the 2004 sampling event were used to establish
24 PCB-contaminated soil excavation sites for the 2005 field season.

1 **3.0 SCOPE OF WORK FOR 2005**

2 **3.1 SCOPE OF WORK**

3 The contract scope of work for the RA consisted of the following activities:

- 4 • Preparing planning documents and reports;
- 5 • Mobilizing to, and demobilizing from, St. Lawrence Island;
- 6 • Providing and improving access to the work sites;
- 7 • Removing tram towers and associated cables and wires along the tram line;
- 8 • Conducting surveying;
- 9 • Collecting and analyzing soil and concrete samples;
- 10 • Removing drums, miscellaneous items, and debris;
- 11 • Removing contaminated soil and concrete;
- 12 • Removing a water collector and water line;
- 13 • Removing former power and communications poles and wires; and
- 14 • Reseeding disturbed areas.

15 The RA included work at the following locations on the NE Cape complex (Figure 3-1):

- 16 • Cargo Beach Road and Cargo Beach debris areas;
- 17 • Site 7 (Cargo Beach Road Landfill);
- 18 • Former AFS Ops Area;
- 19 • Site 31 (former WACS, Lower Mountain);
- 20 • Site 32 (former Lower Tram Terminal);
- 21 • Site 33 (former Upper Tram Terminal);
- 22 • Site 34 (former Upper Camp);
- 23 • Tram line connecting former Sites 32 and 33;
- 24 • Site 24 (former Receiver Building Area);
- 25 • Site 25 (former Direction Finder Area); and
- 26 • Debris areas on the tundra between Cargo Beach Road, the Airstrip, and AFS Ops
- 27 areas.

1 Descriptions of the activities completed are described in Section 5.0. Pre- and post-removal
 2 photographs at these locations are shown on Figures 5-1 through 5-20a, which are listed on
 3 Table 5-7.

4 **3.2 CONTRACT LINE ITEMS**

5 The USACE identified the work to be conducted as a series of Base and Optional Contract
 6 Line Item Numbers (CLINs). Optional CLINs identified unit priced work performed in
 7 addition to that identified in the Base CLINs. The USACE awarded the Base and Optional
 8 CLINs to BEESC on July 9, 2004. The Base and Optional CLINs are summarized in
 9 Table 3-1.

10 Some variations in quantities for the base and optional unit priced CLINs occurred while
 11 performing the fieldwork. Because of efficiencies realized while performing the fieldwork,
 12 BEESC was able to reduce the Field Overhead time under CLIN 0004 from 63 days
 13 (awarded) to 50 days (actual). This made approximately \$260,000 available for additional
 14 waste and debris disposal off-island. The actual quantities of work performed are
 15 summarized in Table 3-1. As described in Section 3.3, the USACE adjusted the total contract
 16 value to reflect the actual quantities of work performed under Modification P00004.

17 **Table 3-1 Base and Optional CLINs**

Base CLINs	Description	Awarded	Actual
0001	Mobilization and Demobilization	1 lump sum	1 lump sum
0002	Pre-mobilization Activities	1 lump sum	1 lump sum
0003	Work Site Access	1 lump sum	1 lump sum
0004	Field Overhead	63 days	50 days
0005	Wire and Cable Removal Along Tram	105 tons	102 tons
0006	Tram and Water Line Removal	1 lump sum	1 lump sum
0007	Debris Removal Upper Mountain	45 tons	55 tons
0008	Debris Removal Gravel Pads, Roads, and Cargo Beach	405 tons	501 tons
0009	Debris Removal Lower Mountain on Tundra/Muskeg	178 tons	149 tons
0010	Mitigate PCB-contaminated Concrete	1 lump sum	1 lump sum
0011	Final Debris Cleanup	34 acres	34 acres
0012	Seeding	29 acres	29 acres
0013	Attend RAB Meetings	6 each	6 each

1

Table 3-1 Base and Optional CLINs (continued)

Optional CLINs	Description	Awarded	Actual
0014	Option Remove PCB-contaminated Soil	100 tons	100 tons
0015	Option Remove Additional PCB-contaminated Soil	100 tons	191 tons
0016	Option Additional PCB-contaminated Concrete Mitigation	3,650 square feet	3,650 square feet
0017	Chemistry and Site Visit Changes	N/A	lump sum
0018	Drum Liquids Removal	N/A	lump sum
0019	Additional Debris Removal Gravel Pads, Roads, and Cargo Beach	N/A	lump sum
0020	Additional PCB-contaminated Soil Removal	N/A	lump sum

2

Notes:

- CLINs = Contract Line Item Number
- N/A = not awarded
- PCB = polychlorinated biphenyls
- RAB = Restoration Advisory Board

3

3.3 PROJECT MODIFICATIONS

4

There were four modifications to the contract, as follows:

5

- P00001: Deleted pre-mobilization site visit;

6

- P00002: Awarded additional PCB-contaminated soil removal, and the additional sampling and laboratory analyses required to document PCB-contaminated soil removal. Affected sites were Site 7, Site 31, and AFS Ops. Added a stakeholder site visit;

7

8

9

10

- P00003: Provided interim funding for disposal of drummed liquids encountered at the Site 7 Landfill;

11

12

- P00004: Adjusted contract value to reflect the actual quantities of work performed under unit priced CLINs; and

13

14

- P00005: Deleted site visit planned for stakeholders from Savoonga and Gambell, Alaska.

15

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1 **4.0 PROJECT PLANNING, KEY PERSONNEL, AND SUBCONTRACTORS**

2 **4.1 PROJECT PLANNING**

3 Project planning began on July 9, 2004, when BEESC received the USACE's Notice to
4 Proceed for the project. The following sections describe the planning documents prepared for
5 this project (Section 4.1.1) and the deviations from the planning documents (Section 4.1.2)
6 that occurred in the field.

7 **4.1.1 Planning Documents**

8 The following planning documents were prepared by BEESC and approved by the USACE:

- 9 • Work/Demolition Plan (WDP);
- 10 • Sampling and Analysis Plan (SAP);
- 11 • Contractor Quality Control Plan (CQCP);
- 12 • Environmental Protection Plan (EPP);
- 13 • Stormwater Pollution Prevention Plan (SWPPP);
- 14 • Site Health and Safety Plan (SHSP); and
- 15 • Waste Management Plan.

16 Revision 0 (draft) planning documents were submitted to the USACE on October 11, 2004.
17 Revision 1 (draft final) and Revision 2 (final) plans were submitted on February 15, and June
18 3, 2005, respectively. Revision comments and responses are included in Appendix L. A Pre-
19 construction Meeting was held in the northern Alaska area office on June 30, 2005.

20 **4.1.2 Deviations from the Planning Documents**

21 Differing site conditions, funding constraints, and contract modifications necessitated some
22 deviation from the planning documents. Descriptions of the significant deviations from the
23 planning documents follow:

- 24 • **Project Schedule** – The project schedule presented in the WDP and CQCP anticipated
25 that the fieldwork and demobilization would be completed in September 2005, and the
26 final waste disposal would be completed by late February 2006. However, the
27 fieldwork was completed in August 2005, demobilization occurred in September
28 2005, and waste disposal was completed by December 2005. The schedule was
29 subsequently modified to reflect these changes.

- 1 • **Differing Quantities Under Unit Price Items** – There were some significant
2 variations in the quantities of work performed under CLINs 0004, 0007, 0008, and
3 0015. The variations in quantities were reconciled by the USACE, under Modification
4 P00004.
- 5 • **Sampling and Analyses Performed** – Deviations from the SAP are discussed in
6 detail in Section 6.1.1.

7 **4.1.3 Permits and Regulatory Notifications**

8 Federal, state, and local permits originally obtained for the 2003 removal action were utilized,
9 where appropriate, for this project. Copies of the permits were included in the EPP and the
10 SWPPP. The following permits and regulatory notifications applied to the RA are presented
11 as Appendix H:

- 12 • Finding of No Significant Impact, prepared by the USACE and issued on June 19,
13 2002;
- 14 • U.S. Environmental Protection Agency (EPA) National Pollutant Discharge
15 Elimination System (NPDES) Storm Water General Permit for construction activities
16 in Alaska for ground-disturbing activities greater than 5 acres in size:
 - 17 – Notice of Intent filed by BEESC in June 2005, and
 - 18 – Notice of Termination filed by BEESC in September, 2005;
- 19 • State of Alaska, Office of Management and Budget, Alaska Coastal Management
20 Program Final Consistency Determination No. AK 0203-17AA, issued to the USACE
21 on May 7, 2002;
- 22 • Alaska Department of Environmental Conservation Certificate of Reasonable
23 Assurance, Reference No. ER-02-10, State of Alaska Identification No. AK0203-
24 17AA, issued to the USACE on May 9, 2002;
- 25 • Alaska Department of Fish & Game (ADF&G) Fish Habitat Permit No. FG02-III-072,
26 Suqitughneq River Crossing, issued to the USACE on May 20, 2002;
- 27 • ADF&G Fish Habitat Permit No. FG02-III-073, Four Stream Crossings of the
28 Quangeghsaq River, issued to the USACE on May 20, 2002;
- 29 • Alaska Department of Natural Resources Tideland Permit No. ADL 416321 for the
30 barge landing area, issued to the USACE on June 28, 1999;
- 31 • Right-of-entry for Environmental Assessment and Response, between the USACE,
32 Savoonga Native Corporation, and Sivuqaq, Inc., dated July 3, 2002; and
- 33 • Temporary construction camp permits, including the Temporary Camp Permit, Fish
34 Habitat Permit FH03-III-0158, Temporary Water Use Authorization TWUP A2003-
35 12, Potable Water and Graywater Treatment Permit PWSID 334116, and Alaska Food
36 Code Establishment Permit 326600009. These permits were issued to BEESC's

1 temporary construction camp subcontractor, Kuukpik Arctic Catering (Arctic
2 Catering).

3 **4.1.4 Material Supply and Quarry Operating Agreement**

4 BEESC used approximately 320 cubic yards of borrow material from the borrow area to
5 repair the existing roads, for backfill in the soil excavation areas, and for constructing
6 miscellaneous berms and ramps. BEESC operated the borrow area and purchased borrow
7 material from the Landowners under the terms set forth in the “Material Supply and Quarry
8 Operating Agreement” established between BEESC and the Landowners on May 24, 2005,
9 and provided in Appendix I.

10 **4.2 KEY PERSONNEL**

11 BEESC’s organization chart for the project is shown on Figure 4-1. The project duties
12 assigned to key home office and field management personnel are described in the following
13 sections.

14 **4.2.1 Key Home Office Personnel**

15 **Project Manager, Mr. Steve Johnson, P.E.**

16 Mr. Steve Johnson, P.E., the Project Manager (PM), was responsible for ensuring project
17 tasks were completed on schedule and within budget, recommending and justifying project
18 modifications, implementing methods of tracking materials and resources, coordinating work
19 with subcontractors, and complying with normal safety procedures and regulatory
20 requirements.

21 **Quality Control Manager, Mr. Mark Madden, P.E.**

22 Mr. Mark Madden, P.E., was responsible for overseeing adherence to USACE QC
23 requirements and BEESC’s corporate Quality Assurance Management Plan. He oversaw the
24 Contractor Quality Control Systems Manager (CQCSM).

25 **Health and Safety Manager, Mr. Clark Roberts, C.I.H.**

26 Mr. Clark Roberts, Certified Industrial Hygienist (C.I.H.), managed and implemented
27 BEESC’s Safety and Health Program for this project. He worked with BEESC’s Site Safety

1 and Health Officer (SSHO) to monitor project compliance with BEESC's Corporate Safety
2 and Health Program and the SHSP.

3 **Regulatory Compliance Manager, Ms. Patricia Curl**

4 Ms. Patricia Curl was responsible for overseeing regulatory compliance for identifying,
5 handling, packaging, transporting, and disposing of wastes generated on the project. She
6 worked with the Site Superintendent and the Transportation and Disposal (T&D) Coordinator
7 to track waste shipments. She also served as the Alternate T&D Coordinator.

8 **Chemical QC Officer and Project Chemist, Ms. Michelle Turner**

9 Ms. Michelle Turner reviewed all chemical QC activities for this contract and served as
10 BEESC's technical expert for issues related to chemistry and sampling analysis.

11 **Logistics Coordinator, Mrs. Rhonda Curtin**

12 Mrs. Rhonda Curtin worked directly for the Site Superintendent to ensure that the logistics
13 needs of the project were met. She also coordinated BEESC's local hire efforts with the
14 villages of Gambell and Savoonga.

15 **4.2.2 Key Field Personnel**

16 **Site Superintendent, Mr. Rollie Goebel**

17 Mr. Rollie Goebel was responsible for managing, scheduling, coordinating, and executing all
18 of BEESC's on-site activities. He reported directly to the PM. Mr. Goebel was also
19 responsible for overseeing the activities of BEESC's subcontractors on site.

20 **CQCSM, Mr. Henry Seipt**

21 Mr. Henry Seipt was responsible for management of Contractor Quality Control (CQC) and
22 had the authority to act in all CQC matters for the project. He worked with the QC Manager
23 and the PM to implement the CQCP. Mr. Seipt was BEESC's liaison with the USACE's
24 Quality Assurance Representative (QAR). Copies of all daily QC reports are presented in
25 Appendix A.

26 **Transportation and Disposal Coordinator/Environmental Sampler, Mr. Larry Pederson**

27 Mr. Larry Pederson was the primary point of contact for environmental and regulatory matters
28 in the field and oversaw all activities in the field related to environmental sampling and

1 collecting, manifesting, transporting, and disposing of hazardous materials and wastes.
2 Copies of the field notes related to environmental sampling and waste handling are presented
3 as Appendix J.

4 **SSHO, Mr. Toby Peterson**

5 Mr. Toby Peterson was responsible for overall compliance with the requirements set forth in
6 the SHSP. He conducted daily Toolbox Safety Meetings and addressed worker safety
7 concerns. The SSHO was responsible for communicating safety issues and concerns to the
8 craft crew, and reporting safety incidents to the Health and Safety Manager and the Site
9 Superintendent.

10 **4.3 SUBCONTRACTOR SUMMARY**

11 BEESC's major subcontractors for the project are listed in Table 4-1. Subcontractor services
12 comprised approximately 35 percent of the total contract value.

13 **Table 4-1 Major Subcontractors for the White Alice Site Removal Action Project**

Subcontractor	Assignment
Kuukpik Arctic Catering, Inc.	Camp and catering
Northland Services, Inc.	Barge transportation
SGS Environmental Services, Inc.	Project laboratory for chemical analyses
Terra Surveys, LLC	Survey support and satellite communications
Waste Management, Inc.	Waste disposal
Bering Air, Inc.	Aircraft charters
Fairweather, Inc.	Infirmity and emergency medical services

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1 **5.0 FIELD ACTIVITIES**

2 **5.1 PROJECT LOGISTICS**

3 **5.1.1 Mobilization/Demobilization**

4 Mobilization began in February 2005 with the staging of specialized equipment, material, and
5 shipping containers (Conexes) in Alaska, and in the continental U.S. Items purchased outside
6 of Alaska were consolidated in Seattle, Washington, and transported by Northland Services,
7 Inc. (NSI), to Anchorage, Alaska, in mid-April 2005. These items were consolidated with the
8 heavy construction/demolition equipment, the construction camp, fuel, and other items
9 assembled by BEESC in Anchorage. A total of approximately 1,700 tons of freight were
10 loaded onto two NSI barges at the Port of Anchorage between May 7 and May 16, 2003. The
11 barges departed Anchorage on May 17, and arrived at the Cargo Beach barge landing area
12 (Figure 5-1) on June 25, 2005.

13 BEESC made reconnaissance flights to the NE Cape site on June 1 and 9, 2005. NSI
14 performed an ice reconnaissance flight on June 23, 2005. The purpose of the reconnaissance
15 flights was to assess whether the sea ice in Kitnagak Bay would allow the barges to land at
16 Cargo Beach and to assess the condition of the airstrip. Based on the observations made
17 during these flights, BEESC, in consultation with NSI, decided to move the barges to
18 Kitnagak Bay and land on Cargo Beach on June 25, 2005.

19 Six BEESC personnel arrived on-island on June 25, 2005, to rendezvous with the barges and
20 begin offloading (Figure 5-2). Offloading of all the freight (approximately 1,700 tons) was
21 completed on June 26, 2005. The temporary construction camp (Section 5.1.3) was assembled
22 and operational by July 1, 2005.

23 Additional BEESC and subcontractor personnel arrived on an almost daily basis during the
24 period July 1 through July 5, 2005. By July 4, 2005, BEESC had completed improvements to
25 the roads and setup of the following project support facilities:

- 26 • Temporary construction camp,
27 • Fuel farm,
28 • Debris staging areas, and

- 1 • Truck scale.

2 Removal and disposal work began on July 5, 2005. Mr. Steven A. (Sam) Mills, the USACE
3 QAR, arrived on July 13, 2005. At that time, there were approximately 24 personnel in camp
4 and working on the project.

5 Demobilization began on August 24, 2005, when a portion of the BEESC and labor pool left
6 the island. RA field activities were completed and the temporary construction camp was shut
7 down on August 26, 2005. As part of the demobilization activities, all of the equipment,
8 camp units, and waste containers were staged on Cargo Beach for barge loading by
9 August 26, 2005 (Figure 5-3).

10 Because of poor weather, NSI did not have marine equipment immediately available to
11 complete demobilization in late August. As a result, all BEESC personnel left the island on
12 August 26, 2005, after staging the equipment on Cargo Beach. Three BEESC personnel
13 returned to the island on September 4 and 9, 2005, to attempt loading the demobilization
14 barge. However, both attempts failed again due to poor weather. The BEESC crew returned
15 to NE Cape on September 27, 2005, and successfully loaded the majority of the equipment
16 and waste onto NSI barges. NSI returned on October 10, 2005, and removed the last of the
17 equipment. All of the equipment was returned to Anchorage by November 5, 2005.

18 **5.1.2 Equipment Used**

19 The major equipment used by BEESC and our subcontractors is presented in Table 5-1. The
20 equipment was serviced, maintained, and repaired on site by a heavy equipment mechanic, a
21 mechanic's helper/service oiler/tire man.

1

Table 5-1 Major Equipment List

No. of Units	Description	No. of Units	Description
1	Caterpillar D-8 bulldozer with winch	1	Chevrolet flatbed truck
1	Caterpillar D-8 bulldozer with ripper	1	Mechanic's truck
1	Gehl 8,000-pound forklift	1	Service/tire/lube truck
1	Grapple	1	Bailey trailer
1	Hitachi 300 Excavator with bucket/shear	1	6 x 6 Army truck
1	Hitachi 120 Excavator with bucket/thumb	4	Crew cab pickup truck
1	Caterpillar 988B Loader with bucket/forks	1	Standard pickup truck
1	Caterpillar 980C Loader with bucket/forks	1	Ford Expedition
1	Bobcat with bucket/forks	2	Chevy Blazer
1	Caterpillar 12F grader	2	Argo ATV
1	Morooka 1500	2	ATV trailer
2	Morooka 2200	4	4-Wheeler ATV
2	Kenworth 5 th wheel tractors	1	Ottawa Yard Goat tractor
2	Commander demolition trailers	1	Conex chassis
2	Argo ATVs	4	4-wheeler ATVs
1	McPherson M30F air curtain destructor	1	70-foot Cardinal truck scale with scale house
2	4 kw generator	1	40 kw generator

2

Notes:
 ATV = all-terrain vehicle kw = kilowatt

3 **5.1.3 Temporary Construction Camp**

4 The temporary construction camp was set up on an existing gravel pad adjacent to the airstrip,
 5 and was designed to house a maximum of 28 persons. It consisted of 13 individual modules
 6 (approximately 8 feet wide by 20 feet long) that were set in place with heavy equipment and
 7 leveled. The camp was configured so that none of the modules were less than 250 feet from
 8 the centerline of the airstrip. Photographs of the temporary construction camp are shown on
 9 Figure 5-4.

1 Camp facilities included shared sleeping quarters (two rooms per module and two persons to a
2 room), a galley, a medical dispensary, recreation/meeting/dining rooms,
3 showers/laundry/toilet facilities, water treatment facility, food storage facilities, two generator
4 shacks, satellite telephone system, and offices for BEESC and USACE personnel. A
5 Physician's Assistant was on site at all times in order to provide emergency medical services.
6 The camp was operated between July 1 and August 25, 2005. There were, on average, 20
7 persons in camp daily during this period.

8 **5.1.4 Borrow Area**

9 Borrow material used at the project site was obtained at the borrow area located
10 approximately 1,500 feet south of the former AFS Ops Area. As described in Section 4.1.4,
11 BEESC entered into an agreement with the Landowners for use of the borrow area.

12 A total of 320 cubic yards of material was removed by BEESC over the duration of the
13 project. The borrow material was used as "pit run." No crushing or sizing of the material was
14 performed. No sampling or analysis of borrow material was performed. After fill removal
15 operations were complete, BEESC graded and contoured the disturbed area in the borrow area
16 to match the existing topography.

17 **5.1.5 Access Improvements**

18 **5.1.5.1 Existing Road System**

19 Approximately six miles of gravel road connected the various work areas at the site. The
20 roads were generally in good condition, and only required grading and minor backfilling to re-
21 establish and maintain their usability. Although BEESC had a water truck on site to suppress
22 dust, it was not needed because of the heavy precipitation. Photographs depicting typical
23 conditions along the road system before and after the access improvements were made are
24 shown on Figure 5-5.

25 There are 11 stream crossings and five culverts along the road system. Road repair and
26 improvements were generally minor. All stream crossing repair work was performed using
27 the procedures set forth in the EPP. Access improvements along the road system were

1 accomplished between June 24 and July 4, 2003. The roads and stream crossings were not
2 removed as part of our work.

3 **5.1.5.2 Cat Trails**

4 BEESC improved and used two cat trails at the site:

- 5 • The Main Cat Trail between the Lower Tram Building (Site 32) and the Upper Tram
6 Building/AC&WS Site (Sites 33/34) located at the top of the mountain; and
- 7 • The Tram Tower Cat Trail between the Lower Tram Building (Site 32) and Tram
8 Tower 2.

9 The trails were improved by BEESC in 2003, however, water runoff erosion occurred
10 between 2003 and 2005, which required BEESC to perform maintenance on the trails in 2005.
11 The existing conditions, along with BEESC's improvements to the cat trails, are shown and
12 described on Figure 5-6. The Main Cat Trail begins at Trail Point (TP) 30, at an elevation of
13 420 feet MSL datum, and ends at Site 34 at an elevation of approximately 1,810 feet MSL.
14 The total vertical rise along the trail is 1,390 feet. The trail is 12,928 feet (2.45 miles) long
15 with an average grade of 10.7 percent. The maximum grade of 31 percent occurs over a
16 distance of a few hundred feet in the vicinity of TP 12 (Figure 5-7). The trail was constructed
17 by the USAF to support construction of the AC&WS site at the top of the mountain.

18 The Tram Line Cat Trail was constructed by the USAF to support the installation of Tram
19 Towers 1 and 2. The Tram Line Cat Trail begins at TP F (420 feet MSL datum), and ends at
20 Tram Tower 2, at an elevation of approximately 700 feet MSL. The total vertical rise along
21 the trail is 280 feet. The Tram Line Cat Trail is 2,894 feet (0.54 mile) long with an average
22 grade of 9.6 percent. The maximum grade of 26 percent occurs over a distance of
23 approximately 500 feet between TPs A and B in the vicinity of Tram Tower 2 (Figure 5-8).

24 Cat trail improvements were made with a Caterpillar D-8 Class bulldozer and generally
25 consisted of the following:

- 26 • Grading the trails to remove large rocks, fill ruts and washouts, and eliminate
27 transverse slopes; and
- 28 • Grading the runouts and constructing safety berms at the ends of the runouts.

1 Morooka Models 2200 all-terrain tracked carriers hauled miscellaneous debris down the
2 mountain. The Morookas hauled approximately 2 to 5 tons on each trip. The Morookas
3 averaged approximately 3 mph on the Main Cat Trail, resulting in a round-trip travel time of
4 about 2.5 hours. Approximately 20 round trips were required on the Main Cat Trail to
5 complete the hauling of debris from Sites 33/34.

6 Section 21.I.07(b) of the USACE's *Safety and Health Requirements Manual, EM-385-1-1*,
7 dated November 2003 (USACE, 2003), prohibits heavy equipment use on grades in excess of
8 10 percent. BEESC applied for a waiver to Section 21.I.07(b), on October 16, 2002. The
9 USACE granted the waiver on April 10, 2003. The improvements to the cat trails were
10 completed between July 5 and August 2, 2005.

11 To meet the requirements of the Safety Waver, BEESC provided a full-time SSHO, dedicated
12 to cat trail Operations, who performed a daily safety inspection of the trail before field crews
13 were allowed to use the trail; established equipment runout lanes or safe zones along the cat
14 trail at the bottom of portions of the cat trail where grades were in excess of 30 percent;
15 utilized track-type vehicles equipped with redundant braking systems to haul demolition
16 debris to the beach; and inspected and tested the braking systems of the tracked vehicles daily,
17 prior to their use on the cat trail.

18 **5.1.6 Air Support**

19 Security Aviation, of Anchorage, Alaska, and Bering Air, Inc. (Bering Air), of Nome, Alaska,
20 provided air support services during the 2005 summer season. A Cessna Conquest, owned
21 and operated by Security Aviation, was used to transport USACE personnel in order to
22 comply with Public Law 99-661 and Department of Defense Directive 5500.53. Passenger
23 flights for non-USACE personnel were typically made using King Air or Navajo aircraft,
24 owned and operated by Bering Air of Nome, Alaska. A total of 22 round-trip flights were
25 made during the 2005 summer season.

26 **5.2 HEALTH AND SAFETY**

27 The safety and health management and communications system for NE Cape was established
28 immediately upon the arrival of BEESC personnel on the island on June 23, 2005.

1 Regular and continual communication regarding safety issues was provided and maintained
2 with the USACE QAR (Mr. Sam Mills), the BEESC Site Superintendent (Mr. Rollie Goebel),
3 the SSHO (Mr. Toby Peterson), CQCSM (Mr. Henry Seipt), Health and Safety Manager (Mr.
4 Clark Roberts), and the BEESC PM (Mr. Steve Johnson).

5 In accordance with USACE requirements, a 4-hour site safety orientation briefing was
6 prepared and presented to all BEESC and subcontractor workers before the start of
7 demolition, removal, and remediation operations on NE Cape. For subsequent visitors,
8 government personnel, and specialty subcontractors, a written briefing was formulated and
9 presented by the SSHO on an as-needed basis for the duration of the project.

10 Initial safety and health program activities involved establishing emergency exit routes and
11 vehicle/equipment inspection routines. Part of the safety routine involved the daily Toolbox
12 Safety Meeting, held each morning before starting work. These meetings were about project-
13 related work to be performed each day at the NE Cape Site. Minimum safety gear for all
14 personnel included: hard hat, reflective vest, steel-toe boots, safety glasses, and work gloves.

15 On a daily basis, the level of subcontractor involvement at NE Cape was high. BEESC and
16 Arctic Catering closely coordinated operations in all areas. Key subcontractor involvement
17 with all parties included complying with one SHSP that covered all workers. All workers,
18 including subcontractor workers, attended the mandatory daily Toolbox Safety Meetings.
19 This included subcontractor workers assigned to NE Cape for short, or even overnight,
20 durations, such as pilots, surveyors, and laborers.

21 The BEESC SSHO performed safety and health “walkthrough” inspections each day at the
22 site. The purpose of these inspections was to keep abreast of current site activities and
23 conditions, look for existing or potential site safety issues/concerns, ensure appropriate use of
24 personal protective equipment, and to reinforce safe work practices. The daily safety
25 inspections also provided topics/information for incorporation into the daily Toolbox Safety
26 Meeting to keep the subject matter relevant to NE Cape conditions. In particular, issues such
27 as high wind conditions, slippery step conditions, and fire safety (due to remote site location)
28 were duly noted and presented at the toolbox meetings. Additional dedicated site safety

1 personnel were assigned safety oversight duties during cat trail improvement operations and
2 facility demolition activities conducted on the high slopes, and on top of the mountain.

3 In all, BEESC developed 10 Activity Hazard Analyses (AHAs) for specific tasks and
4 operations at NE Cape. The AHAs were presented in the SHSP and identified the following:

- 5 • Activity description,
- 6 • Physical and equipment hazards associated with the activity,
- 7 • Chemical and biological hazards associated with the activity,
- 8 • Planned hazard controls for the activity,
- 9 • Necessary equipment to perform the activity,
- 10 • Equipment inspection requirements for the activity,
- 11 • Job site inspection requirements for the activity, and
- 12 • Personnel training required to perform the activity.

13 During work on site, two first aid cases were treated and logged by the physician's assistant.
14 One involved a worker cutting a toenail too short during non-work hours, and the other was a
15 worker getting dust in his eye. The toenail incident was treated on site by the physician's
16 assistant, and the worker returned to quarters with no lost time. The physician's assistant used
17 eye wash to remove the dust particle, and the worker returned to working duties. BEESC
18 performed over 8,500 man-hours of fieldwork during this project without a lost-time or
19 Occupational-Safety-and-Health-Administration-recordable accident. The Safety and Health
20 Phase Out Report is included as Appendix B.

21 **5.3 SOIL AND CONCRETE REMOVAL**

22 PCB-contaminated soil and concrete removal procedures followed a modification to the
23 original scope of work, dated May 5, 2005. Terra Surveys, LLC (Terra), used Global
24 Positioning System coordinates, generated from BEESC's 2003 site survey, to locate and
25 mark the perimeters of soil and concrete removal sites on July 5, 2005. All soils from
26 excavations were assumed to be contaminated and were disposed of as PCB-contaminated soils.
27 PCB-contaminated areas within concrete slabs were removed in their entirety instead of
28 grazing and sampling, as a time-saving measure. Typically concrete slabs were underlain by
29 soil (Buildings 1001 and 110), but in some areas were underlain by a second layer of concrete

1 (Buildings 108 and 109). Soil or concrete under removed concrete slabs was sampled for
2 PCBs. BEESC began removing soil and concrete on July 6, 2005, and completed the removal
3 on August 19, 2005.

4 Soil was removed and loaded using a Hitachi 120 Excavator fitted with a 4-foot-wide
5 toothless bucket. The excavated soil was placed in open-top metal containers (sludge boxes)
6 that had been double-lined with plastic sheeting. After sealing, the sludge boxes were
7 transported to the truck scale, weighed, and offloaded at the waste staging area near the AFS
8 Ops Area. Soil excavation activities, sampling protocol, and equipment decontamination
9 procedures followed those delineated in the SAP.

10 An excavator fitted with a hydraulic jackhammer was used to break up concrete slabs within
11 marked boundaries, and an excavator equipped with a bucket and a thumb was used to
12 remove and load concrete. At Buildings 108 and 109 the top layer of concrete was removed,
13 revealing a lower layer as part of an in-floor heating system. The removed concrete was
14 placed in sludge boxes that had been double-lined with plastic sheeting. After sealing, the
15 containers were transported to the truck scale, weighed, and offloaded at the waste staging
16 area, near the AFS Ops Area. Concrete removal activities, sampling protocol, and equipment
17 decontamination procedures followed those delineated in the SAP. Samples were collected
18 from beneath the concrete areas, whether soil or concrete was present.

19 BEESC personnel performed PCB field screenings in pit bottoms and in soil directly under
20 the sections of removed concrete. Field screening was performed on sidewalls if pit depths
21 exceeded 1.5 foot. PCB field screening was performed using the procedures set forth in the
22 SAP. Soil samples were collected from the bottoms of each excavation using a clean, gloved
23 hand. If field screening results were greater than 0.5 milligrams per kilogram (mg/kg), those
24 particular areas were further excavated until field screening results were below the 0.5 mg/kg
25 PCB. Confirmation samples were collected from areas where field screening results were
26 below 0.5 mg/kg and sent to SGS Environmental Services, Inc. (SGS), where they were
27 analyzed for PCBs to confirm that they were, in fact, below the contract action level of 1.0
28 mg/kg PCB. Table 5-2 summarizes the physical data concerning the respective soil
29 excavation sites.

1 BEESC personnel performed PCB field screenings in concrete directly under sections of
2 removed concrete. PCB field screening was performed using the procedures set forth in the
3 SAP. Concrete at sample locations was drilled with an impact hammer and the powder was
4 collected. All field screening results were below 0.5 milligrams per kilogram (mg/kg).
5 Discrete confirmation samples were collected from field screening locations and sent to SGS,
6 a USACE-approved analytical laboratory, where up to four samples were combined into a
7 single composite sample. The composite samples were analyzed for PCBs. Composite
8 sample results of less than 0.25 mg/kg indicated that each discrete sample was below the
9 contract action level of 1.0 mg/kg PCB. Table 5-3 summarizes the physical data concerning
10 the respective concrete excavation sites.

11 When BEESC finished soil and concrete removal at all locations, the excavations were lined
12 with plastic sheeting and backfilled with clean borrow material. Soil and concrete removal
13 activities and a complete description of the soil and concrete removal activities, procedures,
14 and results, are included in Section 6.0 of this report.

15

1

Table 5-2 Soil Removal Areas

Location/Excavation/Site	PCB Contamination Remaining	Depth (ft. bgs.)	Pit Area (sq. ft.)	Volume (cy)	Weight Removed (ton)¹
South of Former Building 1001 MEC, Excavation 31A-1, Site 31	Yes	0.5	478	8.9	12.2
South of Former Building 1001 MEC, Excavation 31A-2, Site 31	Yes	2.0-2.5	187	16.3	22.3
South of Former Building 1001 MEC, Excavation 31A-3, Site 31	Yes	2.0	209	15.5	21.2
West of Former Building 1001 MEC, Excavation 31B, Site 31	No	2.5-6.5	221	36.5	50.0
Former WAC Septic Tank Area, Excavation 31C, Site 31	No	2.0	100	9.3	12.7
South Side of Cargo Beach Road Landfill, Excavations 7A, Site 7	Yes	3.5	25	3.3	4.5
South Side of Cargo Beach Road Landfill, Excavations 7B, Site 7	No	1.0	25	1.0	1.4
South Side of Cargo Beach Road Landfill, Excavations 7C, Site 7	No	1.5	25	1.4	1.9
South Side of Cargo Beach Road Landfill, Excavations 7D, Site 7	No	2.0	25	1.9	2.6
South Side of Cargo Beach Road Landfill, Excavations 7E, Site 7	Yes	2.0	25	1.9	2.6
South Side of Cargo Beach Road Landfill, Excavations 7F, Site 7	No	1.0	25	1.0	1.4
South of Former Building 98, Excavation 14A, AFS Ops	No	3.0	25	2.8	3.8
South of Former Building 98, Excavation 14B, AFS Ops	No	1.5	44.5	2.5	3.4
North of Former Building 110, 13A-1, AFS Ops	Yes	2.5	280	25.9	35.5
North of Former Building 110, 13A-2, AFS Ops	Yes	1.5	298	16.6	22.7
North of Former Building 110, 13B-1, AFS Ops	Yes	2.5	330	30.6	41.9
North of Former Building 110, 13B-2, AFS Ops	Yes	1.5	205	11.4	15.6

1 **Table 5-2 Soil Removal Areas (continued)**

Location/Excavation/Site	PCB Contamination Remaining	Depth (ft. bgs.)	Pit Area (sq. ft.)	Volume (cy)	Weight Removed (ton) ¹
North of Former Building 110, 13C, AFS Ops	No	1.5-2.5	176	16.3	22.3
North of Former Building 110, 13D, AFS Ops	No	0.5-1.5	232	9.0	12.3
North of Former Building 110, 13E, AFS Ops	No	1.0-2.0	36	1.9	2.6
Total	N/A	N/A	2,992	213.95	292.9

2 Notes: ¹The values in this table are estimated amounts and the weight removed numbers are based on a calculated
 3 weight of 1.37 tons per cubic yard of soil. All amounts are rounded to one decimal place.

AFS Ops = AFS Operations MEC = Main Electronics Center
 bgs = below ground surface PCB = polychlorinated biphenyl
 cy = cubic yards sq. ft. = square feet
 ft. = feet WAC = White Alice Communications

4 **Table 5-3 Concrete Removal Areas**

Former Building Concrete Pad/Site	Thickness (in.)	Area Removed (sq. ft.)	Weight Removed (ton) ¹
Building 1001 MEC, Site 31	6-8	2,392	79
Building 108, AFS Ops	6-8	196	7
Building 109, AFS Ops	6-8	2,100	69
Building 110, AFS Ops	6-8	250	8
Total		4,938	163

5 Notes: ¹The weight values are estimated amounts.

AFS Ops = AFS Operations
 in. = inches
 MEC = Main Electronics Center
 sq. ft. = square feet

6 **5.4 DEMOLITION AND WASTE REDUCTION METHODS AND EQUIPMENT**

7 **5.4.1 Tram and Water Line Removal Methods and Equipment**

8 Various pieces of equipment were used to demolish the steel tram towers and their associated
 9 cables and wires, and the steel water line (Figures 5-23 and 5-24).

1 **5.4.1.1 Tram Line and Associated Cable and Wire**

2 Equipment used to demolish the steel tram towers and associated cable and wires, consisted of
3 chop saws outfitted with grinder blades, two bulldozers, two tracked excavators, a loader
4 equipped with forks, a truck with a flatbed trailer, and a cable spooler attached to a Marooka
5 tracked vehicle.

6 BEESC personnel, using chop saws with grinder blades, notched the tram tower legs
7 immediately above the concrete footings. Concrete foundations to the tram towers were left
8 in place. Each tram tower foundation consists of four concrete piers of approximately 2 feet
9 on each side. Please see Figure 5-9 for a photograph of typical pier and Figures 5-23 and 5-24
10 for the locations of the remaining concrete foundations.

11 The tram traction and track cables were shackled into knots on Tram Tower 7, near Site 33.
12 The lower ends of the traction and track cables were attached to two D-8 bulldozers near Site
13 32. The bulldozers pulled the towers down the hillside to the cat trail near Site 32. At the
14 bottom, a tracked excavator fitted with hydraulic shears was used to cut the towers into
15 approximately 15-foot sections. The metal was placed in Conexes and shipped off-island as
16 scrap metal. The cables and wires associated with the tram were spooled, using the cable
17 spooler when possible. If the cable or wire was too thick to spool properly, it was cut into
18 approximately 15-foot lengths. The spooled wire and cable were transported by a Marooka
19 outfitted with a dump bed and placed into Conexes using a loader outfitted with forks. The
20 cut sections of cable were placed by hand into Conexes. The Conexes were transported to the
21 truck scale, weighed, and offloaded at the waste staging area near the AFS Ops area. Waste
22 generated by the tram line removal was disposed off-island as scrap metal. Photographs of
23 the tram tower and line removal activities are shown in Figures 5-9 and 5-10.

24 **5.4.1.2 Water Line**

25 Equipment used to remove the steel water line included a bulldozer, four-wheeler, and a
26 tracked excavator with hydraulic shears. The water line was attached to the bulldozer with a
27 double-tied tow strap and pulled down the mountain. Once at the bottom of the hill, the
28 excavator with shears cut the pipe into Conex-sized pieces. Any small pieces along the
29 hillside were retrieved in the same manner, however, the four-wheeler was used to tow

1 smaller pieces. The pipe was placed into Conex containers. The Conexes were transported to
2 the truck scale, weighed, and offloaded at the waste staging area, near the AFS Ops Area
3 (Figure 5-11). Waste generated by the removal of the water line was disposed of off-island as
4 scrap metal.

5 **5.4.2 Pole Line and Debris Field Removal Methods and Equipment**

6 Pole lines were removed from around Building 98, on the tundra from the AFS Ops Area,
7 from the Tundra/Muskeg Area west of Cargo Beach Road, and north of the trail to Sites
8 24/25. Metal towers and poles, wooden poles, and thermo-anchors from the pole lines (Figure
9 5-12), were cut off at ground level or removed from the ground. The wooden poles were
10 felled using chain saws. Metal towers, metal poles, and thermo-anchors were cut using chop
11 saws outfitted with grinding blades. The towers and poles were then loaded onto either the
12 Morooka tracked vehicles or a Bailey trailer, using a hydraulic log grapple (Figure 5-13).
13 Pole-line-generated waste was divided into three discrete waste streams: metal, wood, and
14 creosote-treated wood. Steel towers/poles and creosote-treated wood were placed in Conex
15 containers. The containers were transported to the truck scale, weighed, and offloaded at the
16 waste staging area, near the AFS Ops Area. The steel waste was disposed of off-island as
17 scrap metal. The creosote-treated wood was disposed of off-island as non-hazardous waste,
18 and the wood was reduced in volume by on-island burning.

19 Approximately 25 miles of power and communications cable of various diameters was
20 removed. The wire was collected using a custom-built cable reel mounted on one of the
21 Morooka tracked vehicles (Figure 5-14). The metal cable was spooled into coils
22 approximately 5 feet in diameter, weighing approximately 1,000 pounds each, and secured
23 using steel banding and placed in Conex containers. The cable was disposed of off-island as
24 scrap metal.

25 Debris was removed from near the Upper Tram Building (Site 33/34 and Site 32), in the
26 vicinity of Site 31, from the Debris Staging Area (AFS Ops Area), and surrounding the AFS
27 Ops Area, between the vicinities of Site 24/25, and the Site 7 Landfill. Approximately 26
28 tons of miscellaneous debris was removed from the ground surface in the area of these debris
29 fields (Figure 5-15). The debris was collected using the Morooka tracked vehicles and four-

1 wheelers. It was then transported to the AFS Ops Area, where it was segregated into
2 individual waste streams, including scrap metal and burnable wood. The steel waste was
3 disposed of off-island as scrap metal and the wood was reduced in volume by on-island
4 burning. Debris in the vicinity of Site 33/34 (Debris Field No. 1) was scattered on a near
5 vertical slope immediately below the ridge, at an elevation between 1,600 and 1,800 feet. The
6 slopes were very unstable and generally consisted of large boulders and some rock faces. To
7 ensure the safety of the personnel performing the clean up, BEESC utilized a rappel/belay
8 rock climbing method when scaling the debris field. Personnel placed the gathered debris into
9 sleds that were lowered down the mountain and hauled up when full.

10 Debris was removed in areas near the Cargo Beach Landfill. Rolls of wire that had been
11 placed in the landfill were exposed outside the landfill cap in some places. Because removal
12 of entire rolls would have required excavating into the landfill, only the exposed metal was
13 removed. Chop saws were used to cut off the wire bundles at ground level and remove all
14 exposed wire.

15 Debris from Cargo Beach Road consisted of material that had been gathered by Nugget
16 Construction during previous years' work. This material was moved to the waste staging
17 area, separated into waste streams, and disposed of with all other waste materials.

18 **5.4.3 Other Debris Removal**

19 Unexpected materials that were discovered during debris removal activities included a Blazer-
20 type vehicle, drums of product, and asbestos materials. No ordnance, ammunition, weaponry,
21 or explosive waste was discovered during debris removal activities. A Blazer-type vehicle,
22 discovered as part of the debris removal, was transported to Anchorage and sold to an
23 Anchorage-area shop. Section 5.9 discusses waste remaining on-site.

24 Two drums containing product were discovered at the edge of the Site 7 Landfill. One highly
25 corroded drum was discovered containing approximately 5 to 10 gallons of liquid, which was
26 determined to be product floating on water. Sorbents and towels were used to remove the
27 product and water. The empty drum was filled with sorbents to remove any product adhering
28 to sidewalls, plastic was placed over it to keep water out, and rocks were placed on the plastic
29 to keep it in place. The other drum was completely filled with product. The product was

1 transferred to a new drum and the new drum was placed in an overpack. The contents of this
2 drum were disposed of as stated in Table 5-4. The empty drum was cleaned with sorbents,
3 crushed, and disposed of off-island with other scrap metal waste. The sorbents and towels
4 were also disposed of as waste.

5 Asbestos-containing material (ACM) consisting of a boiler tank with small asbestos gasket
6 seals and bricks, and pieces of cement asbestos board (CAB) was discovered during debris
7 removal. ACM was removed from the metallic debris area and spread over an area of
8 approximately 2 to 3 acres north of AFS Ops (Figure 3-1). The pieces of ACM, consisted of
9 transite pipe and pieces of CAB approximately six inches or smaller. Any material identifiable
10 as ACM was removed. The transite pipe and CAB were placed in two triwall boxes for
11 transport and disposed of off site as ACM waste.

12 **5.4.4 Wood Waste Reduction Methods and Equipment**

13 BEESC used a McPherson Systems, Inc., M30F air curtain destructor (destructor) to
14 incinerate burnable wood on site. The majority of burning was done at the burn pit (Figure 5-
15 16) located on the south side of the AFS Ops Area. The burn pit was 5 feet wide, 30 feet long,
16 approximately 6 feet deep, and was lined with an old steel AST that was cut in half. Burning
17 occurred inside of the old AST in order to prevent the resulting ash from contaminating the
18 site soil. When operating, an engine-driven fan forces a high volume of air through a plenum
19 directly above the fire, creating a rotating curtain of air. The high volume of air results in
20 combustion temperatures in excess of 1,500 °F in the burn pit, thus accelerating the burn rate.
21 The rotating air curtain traps smoke and small particles and recirculates them through the fire,
22 thereby greatly reducing smoke and particulate emissions. BEESC estimates approximately
23 360 tons of wood was burned on site using the destructor. As described in Section 6.3, the
24 resulting ash was analyzed for various metals. Approximately 18.5 tons of ash was
25 transported off-island and disposed of as Resource Conservation and Recovery Act waste.

26 **5.5 FINAL DEBRIS CLEAN UP**

27 BEESC personnel completed final cleanup activities on August 19, 2005, prior to initiating
28 seeding and fertilization operations. The final cleanup activities entailed a walkthrough of the
29 AFS Ops Area, and drive-by of perimeters of the lower mountain roadways, to remove any

1 remaining significantly-sized surface debris or any observable protrusions deemed potentially
2 hazardous to the public.

3 **5.6 FINAL SEEDING**

4 BEESC performed final seeding of disturbed areas on August 20 and 22, 2005, including the
5 east side of the road leading from Site 31, Site 32, AFS Ops Area, east of Site 7 Landfill, the
6 disturbed parts of the Tundra/Muskeg Area west of Cargo Beach Road, and Sites 24/25.

7 Approximately 30 acres were regraded and spread with native grass and plant seed adapted to
8 the St. Lawrence Island environment in accordance with the manufacturer's instructions. The
9 seed mixture was proportioned by weight as follows:

Common Name	Mixture % by Weight	% Pure Live Seed
"Tundra" Glaucous Bluegrass	30	70
Norcost Bering Hairgrass	30	70
"Arctared" Red Fescue	40	70

10 Note: % = percent

11 Seed was applied at a uniform rate of 30 pounds per acre. Fertilizer was applied at a rate of
12 550 pounds per acre and had a nitrogen-phosphorus-potassium ratio of 20 percent nitrogen; 20
13 percent phosphorus; and 10 percent potassium. BEESC did not water seeded areas, however,
14 seeding was completed during days of light precipitation. Photographs of the final seeding
15 process are included in Figure 5-17.

16 **5.7 WASTE DISPOSAL**

17 BEESC handled, transported, and disposed of approximately 1,520 tons of waste on this
18 project. As shown in Table 5-4, approximately 1,150 tons of waste was shipped off-island for
19 disposal. The Transportation, Disposal, and Closure Report (Appendix C), presents the
20 United States waste manifests, Canadian manifests, bills of loading, certificates of weight,
21 waybills, certificates of disposal, and exception reporting for these wastes. Approximately
22 360 tons of burnable wood was processed on-island using the destructor and 18.5 tons of ash
23 was transported off-island for disposal.

- 1 Figures 5-18 through 5-20 include before and after photographs of three waste removal areas
- 2 throughout NE Cape, as part of Table 5-7.

3 **Table 5-4 Waste Disposal Summary**

Waste Type	Final Treatment/Disposal	Disposal Facility	Approximate Disposal Quantity
ACM transite siding and rubber tarp	Disposed of in Subtitle D Landfill	Columbia Ridge Recycling and Landfill Center, Arlington, Oregon	1.4 tons
Steel boiler with asbestos gasket and brick	Disposed of in Subtitle D Landfill	Columbia Ridge Recycling and Landfill Center, Arlington, Oregon	8.2 tons
PCB-contaminated Concrete	Disposed of in Subtitle D Landfill	Columbia Ridge Recycling and Landfill Center, Arlington, Oregon	162.7 tons
PCB-contaminated soil (less than 50 mg/kg)	Disposed of in Subtitle D Landfill	Columbia Ridge Recycling and Landfill Center, Arlington, Oregon	277 tons
PCB-contaminated soil (greater than 50 mg/kg)	Disposed of in Subtitle C Landfill	Chemical Waste Management of the NW, Arlington, Oregon	16.5 tons
Lead ash	Disposed of in Subtitle C Landfill	Chemical Waste Management of the NW, Arlington, Oregon	18.5 tons
Tank scrap metal with PCB paint	Disposed of in Subtitle D Landfill	Columbia Ridge Recycling and Landfill Center, Arlington, Oregon	16.5 tons
Creosote-treated wood	Disposed of in Subtitle D Landfill	Columbia Ridge Recycling and Landfill Center, Arlington, Oregon	13 tons
Used oil	Recycled or Incinerated	Emerald Alaska Industries, Inc.	55 gallons
Scrap metal	Recycled	Bloch Steel, Seattle Washington	657 tons

- 4 Notes:
- ACM = asbestos-containing material
 - mg/kg = milligrams per kilogram
 - PCB = polychlorinated biphenyls

1 **5.8 SURVEY PROCEDURES AND RESULTS**

2 As described in Section 4.3, Terra provided survey services under subcontract to BEESC for
3 this project. The pre-remedial action survey work was performed during the period July 2
4 through July 6, 2005. During this period, Terra:

- 5 • Found existing benchmarks and established horizontal and vertical control for the
6 project based on the existing survey information provided by the USACE and BEESC;
7 and
- 8 • Located soil excavation areas.

9 The post-remedial action survey drawings are shown on Figures 5-21 through 5-25. Survey
10 data summary tables are presented in Appendix D.

11 **5.9 WASTES REMAINING ON SITE**

12 The wastes currently remaining on site may be grouped under the existing CLINs as follows
13 (figure and photographs may be found in Appendix K):

14 **CLIN0008 – Debris Removal Gravel Pads, Roads, and Cargo Beach**

15 Additional debris remains at the Cargo Beach Road Landfill (Site 7). During the course of
16 landfill contract item removal, BEESC uncovered two 55-gallon drums along the
17 northwestern perimeter of the landfill that contained used oil. Field tests indicated that PCBs
18 were not present in either drum. The contents of the two drums were removed as part of
19 Modification 00003 to the contract. Three or four other partially buried drums were visible
20 (25 percent or more of each drum was exposed above ground) in the immediate vicinity of the
21 two liquid-filled drums (Appendix K, Figure 1). It appeared that several of these drums also
22 contained liquid. It is unknown how many other drums may be discovered in a more
23 thorough search of the area. The exposed drums, thought to contain liquid, had large rocks
24 and boulders placed around them (to mitigate possible human tampering or targeting by a
25 firearms shooter) and left as they were because they were not part of the 2005 Scope of Work.

26 Debris removal activities north and northwest of AFS Ops Area were performed to remove
27 motor vehicle (four-wheeler, snowmachine) hazards. If possible, anything protruding above the

1 ground or lying on the ground was removed. Items that could not be removed were cut off so
2 that they were no longer exposed above the ground surface.

3 **CLIN 0015 – Option Remove Additional PCB-Contaminated Soil**

4 Additional PCB-contaminated soil at Sites 31 and 7, and the AFS Ops Area remains. As
5 mentioned in Section 5.3 and Table 5-2, Excavations 31A-2, 31B, 31C, 14A, 14B, 7B, 7C,
6 7D, 13C, 13D, and 13E, were confirmed clean at the contract action level of 1.0 mg/kg. Field
7 screening indicates that Excavation 7F does not contain PCB-contaminated soil above the
8 contract action level, but confirmation samples were not collected. Because of weight
9 restrictions and budget constraints, BEESC partially removed PCB-contaminated soil from
10 Excavations 31A-1, 31A-3, 7A, 7E, 13A-1, 13A-2, 13B-1, and 13B-2. The vertical extent of
11 contamination in partially excavated soil pits is not known because contamination remains at
12 the pit bottoms.

13 Soil under concrete removed from Buildings 110 and 1001 was field-screened for PCB
14 contamination. One field-screening sample from beneath Building 110 and one field-
15 screening sample from soil beneath Room F of Building 1001, showed PCB contamination
16 above 0.5 mg/kg. Approximately two buckets of soil was removed from Building 1001 with
17 an excavator, and the remaining soil was confirmed below the contract action level. No
18 further excavation of PCB-contaminated soil was performed at Building 110.

19 Table 5-5 contains the types and amounts of waste that BEESC shipped out of NE Cape
20 during the 2003 and 2005 field seasons. The 2003 field season data is provided for
21 comparison purposes only.

22 Table 5-6 presents the remedial activities and the start and completion dates for the RA
23 Activities.

1

Table 5-5 2003 and 2005 Waste Types and Quantities

Waste Type	2003	2005	Total Combined Quantities Disposed
ACM Sludge	26 tons	N/A	26 tons
ACM Debris	1,161 tons	9.5 tons	1,170.5 tons
Concrete (on-island disposal)	200 cubic yards	N/A	200 cubic yards
PCB Concrete (off-island disposal)	N/A	163 tons	163 tons
Inert Waste	2,687 tons	N/A	2,687 tons
Lead Ash/Ash	41 tons	18.5 tons	59.5 tons
Non-Regulated Items			
Silicone-based Sealents	5-gallon drum	N/A	5-gallon drum
Used Oil Filters	55-gallon drum	N/A	55-gallon drum
Electron Tubes	30-gallon drum	N/A	30-gallon drum
Used Alkaline Batteries	10-gallon drum	N/A	10-gallon drum
Off Specification Diesel Fuel	1,025 gallons	N/A	1,025 gallons
Used Oil	N/A	55-gallon drum	55-gallon drum
Petroleum Hydrocarbon Sludge	8 cubic yards	N/A	8 cubic yards
RCRA Waste			
Waste Paint Related Material	55-gallon drum	N/A	55-gallon drum
Silver Alloy Contacts	5-gallon drum	N/A	5-gallon drum
Waste Methanol	20-gallon drum	N/A	20-gallon drum
Scrap Metals	822 tons	657tons	1,479 tons
Soil (less than 50 ppm PCB)	N/A	277 tons	277 tons
Soil (greater than 50 ppm PCB)	N/A	16.5 tons	16.5 tons
TSCA Oil >1000 ppm PCB	55-gallon drum	N/A	55-gallon drum
TSCA Piping	34 tons	N/A	34 tons
TSCA Ballasts	Two 55-gallon drums	N/A	Two 55-gallon drums

1 **Table 5-5 2003 and 2005 Waste Types and Quantities (continued)**

Waste Type	2003	2005	Total Combined Quantities Disposed
TSCA Dry Transformers	One pallet	N/A	One pallet
TSCA Sludge	0.3 cubic yards	N/A	0.3 cubic yards
TSCA/ACM Building Debris	280 tons	N/A	280 tons
Universal Wastes			
Mercury Thermostats	5-gallon drum	N/A	5-gallon drum
Flourescent Lamps	Two 4-foot fiber boxes	N/A	Two 4-foot fiber boxes
Wood	836 tons	370 tons	1,206 tons
Wood, Creosote Poles	N/A	13 tons	13 tons

2 Notes:

ACM = asbestos-containing material RCRA = Resource Conservation and Recovery Act
 PCB = polychlorinated biphenyls TSCA = Toxic Substances Control Act
 ppm = parts per million

3 **Table 5-6 Start and Completion Dates for Remedial Activities**

Activity	Feature	Date Started	Date Completed
Site 31			
Concrete Removal	Building 1001 MEC Concrete Pad	7/7/05	7/8/05
Soil Removal	Soil Excavations	7/14/05	8/20/05
Sites 32, 33, and 34			
Tram Tower Demolition	Tram Towers and Lines	7/25/05	8/10/05
Debris Cleanup	Debris Field 1	8/2/05	8/18/05
Concrete Removal	CTP	7/27/05	7/27/05
Debris Cleanup	Debris Field 2	7/27/05	8/18/05
Water Line Removal	Water Line Between Site 32 and 34	8/11/05	8/12/05
Water Collector Removal	CMT Water Collector Near Site 32	7//05	7//05
Rehabilitation of Roadway	Cat Trail to Top of Mountain	7/5/05	7/20/05

1 **Table 5-6 Start and Completion Dates for Remedial Activities (continued)**

Activity	Feature	Date Started	Date Completed
AFS Ops			
Concrete Removal	CTP-3,	7/7/05	7/22/05
Soil Removal	Soil Excavations	7/14/05	8/20/05
Wood Burning	Burn Pit	8/18/05	8/22/05
Debris Cleanup	Various Locations Throughout the AFS Ops Area	7/13/05	8/22/05
Cutting and Packing Tank Steel	Tank Steel	7/8/05	8/18/05
Borrow Area	Loading Ramp	7/19/05	7/20/05
Site 7			
Soil Removal	Soil Excavations	7/15/05	8/20/05
Debris Removal	Various Areas Around Site 7 and Cargo Beach Road	7/12/05	8/23/05
Various Sites			
Site 24 – Debris Removal	Miscellaneous Debris	7/16/05	8/19/05
Site 25 – Debris Removal	Miscellaneous Debris	7/19/05	8/19/05
Pole Groups and Pole Lines	Wood and Creosote Wood Pole Removal	7/11/05	8/17/05
Miscellaneous Areas	Armored Cable and Wire	7/10/05	8/12/05
Miscellaneous Areas	Miscellaneous Debris		
Miscellaneous Areas	Final Seeding	8/20/05	8/23/05

- 2 Note:
 AFS Ops = AFS Operations
 CTP = concrete transformer pad
 MEC = Main Electronics Center

3 **5.10 SUMMARY AND PRE-DEMOLITION AND POST-DEMOLITION PHOTOGRAPHS**

4 Pre- and post-removal photographs of the debris removal areas are shown on Figures 5-18 and
 5 5-19. Table 5-7 summarizes where the pre- and post-removal action photographs may be
 6 found.

1 **Table 5-7 Figures Presenting Pre- and Post-removal Action Photographs**

Site	Description	Figure
32/33	Tram Tower Pre- and Post-demolition Photographs	5-9 and 5-10
All Areas	Cable from throughout NE Cape Gathered and Spooled	5-14
7	Pre- and Post-debris Removal	5-18
33/34	Debris Field Pre- and Post-debris Removal	5-19
AFS Ops	Tank Scrap Pre- and Post-removal	5-20

2 Note:
AFS Ops = AFS Operations

3

1 **6.0 SAMPLING AND ANALYTICAL METHODS AND RESULTS**

2 **6.1 SAMPLING AND ANALYTICAL METHODS**

3 **6.1.1 Deviations from the Sampling and Analysis Plan**

4 Samples of environmental media and waste were obtained and analyzed per the requirements
5 established in the SAP. As described in Section 4.1.2, some aspects of the work were
6 performed differently than originally planned. Deviations from the SAP were:

- 7 • BEESC removed the entire contaminated concrete floor slabs rather than grazing
8 them. As a result, no concrete samples were taken from the Site 31 Building 1001
9 floor slab. Instead, the soil exposed by concrete removal was sampled and analyzed
10 for PCBs.
- 11 • When the concrete floor slab was removed at Buildings 108 and 109, a second layer of
12 concrete and in-floor heating pipes were revealed. Consequently, concrete and
13 powder samples were collected from the exposed surface of the underlying slab and
14 analyzed for PCBs. However, one corner of the concrete area removed at Building
15 108 had no underlying slab, so only soil was collected at that location.
- 16 • Waste stream soil characterization samples were collected from the bottom and middle
17 of the soil excavations, and not from the soil waste containers, as originally stated in
18 the SAP. Collecting soils from these locations provided more representative results.
- 19 • Additional PCB screening was performed on samples of petroleum, oil, lubricant
20 liquids found in a drum at the Cargo Beach Road Landfill.

21 **6.1.2 PCB Field Screening and Analytical Methods for Soil and Concrete**

22 Soil from excavations and under concrete slabs and concrete powder samples, were field
23 screened as described in the SAP. Samples were screened for PCBs in the field using EnSys
24 PCB field-screening kits, calibrated to 0.5 mg/kg of Aroclor[®] 1260. Soil and concrete field-
25 screening results below 0.5 mg/kg were analyzed in the laboratory for PCBs, using EPA
26 Method 8082 as described in the SAP. Six soil samples where field screening result were
27 above 0.5 m/kg PCB were analyzed in the laboratory to confirm results. All samples
28 contained PCBs ranging from 1.41 mg/kg to 17.7 mg/kg.

29 **6.1.3 Analytical Methods for Wastes**

30 Soil and concrete wastes shipped off-island for disposal, were sampled and analyzed per the
31 requirements established in the SAP. As described in Section 5.7, BEESC's waste disposal

1 subcontractors accepted, and ultimately disposed of, the waste streams shipped off-island, on
2 the basis of waste stream analyses.

3 **6.1.4 Primary and Quality Assurance Laboratories**

4 As described in Table 4-1, SGS of Anchorage, Alaska, was BEESC's primary analytical
5 laboratory for the project and analyzed the majority of the project samples.

6 **6.1.5 Chemical Data Quality Reporting**

7 North Creek Analytical in Seattle, Washington, served as the USACE's QA laboratory for the
8 project. ETHIX, of Modesto, California, has evaluated the project and QA laboratory data,
9 and prepared the Chemical Data Quality Review (CDQR) which is included in Appendix E.
10 Ms. Julie Sharp-Dahl, a USACE chemist, prepared the Chemical Data Quality Assurance
11 Report (CDQAR) which is also presented in Appendix E. The laboratory data presented in
12 the following sections and in Appendix G have been flagged in accordance with the
13 recommendations presented in the CDQR and CDQAR upon receipt.

14 The CDQR and CDQAR found most of the data delivered by the analytical laboratories
15 usable. Some data required qualification due to the results of field QA/QC, laboratory
16 QA/QC, or failure to adhere to method criteria. These have been flagged appropriately. No
17 data was rejected. Only one of the eight sets of QA/QC data was in disagreement:
18 05NECAFS22, -23, and -24. The CDQAR indicated that the USACE preferred the result
19 reported from samples 05NECAFS24 by the QA laboratory. The laboratory data presented
20 within this report, and in Appendix G, has been flagged in accordance with the
21 recommendations presented in the CDQR and CDQAR.

22 **6.2 SOIL AND CONCRETE CLEANUP CRITERION**

23 The 1.0 mg/kg cleanup criterion for PCBs in granular soil and concrete are from Title 18,
24 Alaska Administrative Code, Section 75.341(c), Table B1, Method 2, Soil Cleanup Levels,
25 and Table B2, Method 2, Petroleum Hydrocarbon Cleanup Levels, most restrictive criterion
26 for the "Under 40-inch Zone", effective October 16, 2005.

1 **6.3 WASTE CRITERIA**

2 All waste concrete was characterized as “less than 50 mg/kg PCB.” Contaminated soils were
3 characterized by PCB levels and segregated into two categories on the basis of their PCB
4 concentrations. PCB waste were disposed of as either “less than 50 mg/kg PCB” wastes, or
5 “greater than or equal to 50 mg/kg PCB” wastes. Previous sample results provided by the
6 USACE showed PCB levels of 527 mg/kg at Excavation 7A and PCB levels of just over 50
7 mg/kg at Building 110. The soil from these two sites was assumed to be greater than 50 mg/kg.
8 PCB-painted tank scrap was added to this container. The soil and tank scrap were transported
9 in Waste Package Nos. 56 and 57, and under Manifest Nos. NE034 and NE035. The tank scrap
10 was shipped in the same container as the soil under Manifest NE034.

11 Ash from burning wood was analyzed for leachable metals by Toxicity Characteristic
12 Leaching Procedure (TCLP). Results were below allowable limits for all metals with the
13 exception of TCLP lead, which was 50.7 mg/L. The ash was disposed of off-island. Other
14 debris, including wood, metal, wire, cement-asbestos board, and insulation from various
15 locations, was collected and sorted. The waste was then manifested, if appropriate, and
16 disposed of based upon the analytical results.

17 The drum of used oil that was removed from Site 7 was field-screened for shipping to
18 Anchorage. Upon arrival in Anchorage, the used oil was characterized by Emerald Alaska,
19 Inc., for disposal. No analytical testing was performed.

20 **6.4 SITE 31 SOIL AND CONCRETE SAMPLE RESULTS**

21 Data Summary Tables and Analytical Data are presented in Appendices F and G, respectively.

22 **6.4.1 Soil Sample Results**

23 Soil was removed and disposed of off-island at five locations at Site 31 (see Figures 6-1 and
24 6-2). The following sections describe the field activities, and the field screening and
25 analytical results.

1 **6.4.1.1 Soil Excavation Areas 31A-1, 31A-2, and 31A-3**

2 The field screening and laboratory analytical results for Soil Excavation Areas 31A-1, 31A-2,
3 and 31A-3 are summarized on Figure 6-1. The field activities were performed in the
4 following order:

- 5 1. Areas 31A-1, 31A-2, and 31A-3, were excavated to depths of 0.5, 1.5, and 2.0 feet
6 below ground surface (bgs), respectively.
- 7 2. Soil samples 31SL001 through 31SL008 were collected from excavations 31A-1 and
8 31A-2 (Figure 6-1) and an EnSys field screening was performed. Surface water runoff
9 had filled excavation 31A-3 and saturated the soil exposed in the floor of the
10 excavation. As a result, samples from excavation 31A-3 were not field-screened using
11 the EnSys kits.
- 12 3. Soil samples 05NEC31SL001, 003, 008, and 013, were sent to the project laboratory
13 for analyses on a “rapid turnaround” basis. The analytical results confirmed that the
14 field screening results for samples 05NEC31SL001, 003, and 008, were correct and
15 that PCBs were present at concentrations above the 1.0 mg/kg cleanup criteria in
16 excavation 31A-3 (sample 05NEC31SL013). Due to budget constraints, the USACE
17 decided that no additional soil would be removed in excavations 31A-2 and 31A-3.
- 18 4. Excavation 31A-2 was deepened to 2.0 feet bgs, and new soil samples were obtained
19 and field-screened at sample locations 31SL006, 007, and 008. The field screening
20 results indicated that PCB concentrations in soil were still above 0.5 mg/kg at sample
21 location 31SL007.
- 22 5. Excavation 31A-2 was then deepened to 2.5 feet bgs in the vicinity of 31SL007 and
23 sampled again. Field screening results indicated PCB concentrations were less than
24 0.5 mg/kg at location 31SL007.
- 25 6. Because excavation 31A-2 was deeper than 1.5 feet, a sidewall soil sample
26 05NEC31SL31A-2W was obtained from the west sidewall of the excavation, at a
27 depth of 2.5 feet bgs. Confirmation samples 05NEC31SL006, 007, and 008Re were
28 also obtained at depths of 2.0, 2.5, and 2.0 feet bgs, respectively. As shown on Figure
29 6-1, analytical results indicated that soil in the bottom of excavation 31A-2 at sample
30 location 05NEC31SL006, still contains PCBs at concentrations greater than
31 1.0 mg/kg. PCB concentrations in all of the other confirmation soil samples from this
32 excavation were less than 1.0 mg/kg.

33 **6.4.1.2 Soil Excavation Area 31B**

34 The field screening and laboratory analytical results for Soil Excavation Area 31B are
35 summarized on Figure 6-1. The field activities were performed in the following order:

- 36 1. Area 31B was excavated to a depth of 0.5 feet bgs.

- 1 2. Soil samples 31SL015 through 31SL017 were collected and an EnSys field screening
2 was performed. As shown on Figure 6-1, the field screening results indicated that
3 PCB concentrations in soil were above 0.5 mg/kg at all three sample locations.
- 4 3. Soil samples from locations 31SL015 and 016 were sent to the project laboratory for
5 analyses. The analytical results confirmed that PCB concentrations in the samples
6 were above the 0.5 mg/kg screening level and the 1.0 mg/kg cleanup criteria.
- 7 4. Area 31B was then excavated to a depth of 2.5 feet bgs and resampled. Field
8 screening results indicated that PCB concentrations at sample locations 31SL015 and
9 016 were still above the 0.5 mg/kg screening level. The excavation was then
10 deepened to 4.5 feet bgs at these two locations.
- 11 5. Field screening results indicated that soil at sample location 31SL015 remained above
12 the 0.5 mg/kg screening level. Area 31B was then deepened to 6.5 feet bgs in the
13 immediate vicinity of sample location 31SL015 and, resampled. Field screening
14 results indicated the PCB concentration in soil at this location was finally below the
15 0.5 mg/kg screening level.
- 16 6. Because excavation 31B was deeper than 1.5 feet, sidewall soil samples
17 05NEC31SL31BN, BE, and BW, were obtained from the north, east, and west
18 sidewalls, respectively, of the excavation at a depth of 2.5 feet bgs. Laboratory
19 analytical data indicated that PCB concentrations in confirmation soil samples from
20 this excavation were all less than the 1.0 mg/kg cleanup criteria.

21 **6.4.1.3 Soil Excavation Area 31 C**

22 Excavation Area 31 C (Figure 6-2) was initially excavated to a depth of 0.5 feet bgs, and
23 sampled at three locations. EnSys field screening indicated PCB concentrations above 0.5
24 mg/kg throughout, so the excavation was deepened to 1.5 feet bgs. Subsequent field
25 screening indicated PCB concentrations were still above 0.5 mg/kg, so the excavation was
26 deepened to 2.0 feet bgs. At 2.0 feet bgs, EnSys field screening indicated that PCB levels
27 were below 0.5 mg/kg. Two samples (05NEC31SL19 and 20) were sent to the analytical
28 laboratory. As shown on Figure 6-2, the analytical results were well below the cleanup
29 criterion of 1.0 mg/kg PCB. Consequently, no further excavation was performed at Area 31
30 C.

31 **6.4.2 Concrete Sample Results**

32 Concrete powder sampling performed in 2003 confirmed that PCBs were present at
33 concentrations above the cleanup criterion in the floor slab of the former Building 1001 Main
34 Electronics Center (MEC). As a result, BEESC demolished and disposed of approximately
35 1,300 square feet of the slab as described in Section 5.3. The portions of the slab that were

1 demolished and disposed of are shown on Figure 6-3. Per the requirements set forth in the
2 SAP, soil samples were taken to determine if PCBs were present in the soil beneath the floor
3 slab. Soil samples were obtained at the locations shown on Figure 6-3. Eight EnSys field
4 screenings were performed in Room A, 3 in rooms C and E, 9 in Room F, and 3 in Room G.
5 All field screening results indicated that PCB concentrations were below 0.5 mg/kg. Results
6 of confirmation samples sent to the analytical laboratory showed that one location
7 (05NEC31SL109) had PCB concentrations in excess of 1.0 mg/kg.

8 As a result, soil in this area was excavated to a depth of 0.5 feet bgs and resampled.
9 Analytical results for sample 05NEC31SL109Re indicated a PCB concentration of 0.145
10 mg/kg, well below the 1.0 mg/kg action level. The results of the sampling and analytical
11 work performed in 2003 and 2005 indicate that no concrete or soil remaining at, or below the
12 former Building 1001 MEC floor slab, contains PCB at concentrations in excess of the 1.0
13 mg/kg action level.

14 **6.5 SITE 7 SOIL SAMPLE RESULTS**

15 Six excavations, measuring 5 feet by 5 feet, were performed at Site 7 (Figures 6-4 and 6-5).
16 Areas 7A through 7F were initially excavated to depths ranging between 1 foot and 2.5 feet
17 bgs. The first round of EnSys field screening indicated that soil in Excavations 7A and 7E
18 contained PCB at concentrations above 0.5 mg/kg. Excavations 7A and 7E were then
19 deepened to 3.5 feet and 2.0 feet bgs, respectively, and resampled. EnSys field-screening
20 results indicated that the PCB concentrations in soil remained above 0.5 mg/kg. No more soil
21 was removed from these areas because landfill debris was encountered in the floor of both
22 excavations.

23 Analytical samples 05NEC07SL032, 05NEC07SL038, and 05NEC07SL042 from
24 Excavations 7B, 7C, and 7D, respectively, had PCB concentrations below the 1.0 mg/kg
25 action level. No confirmation samples from excavation 7F were analyzed, however, results
26 from three field-screening samples were below 0.5 mg/kg PCB. All of the Site 7 excavations
27 were lined with plastic sheeting, and then backfilled with clean fill. Based on the field
28 screening results and observations made in the field, the landfill debris and soil encountered in

1 the floor of Excavations 7A and 7E contain PCB at concentrations above the 1.0 mg/kg action
2 level.

3 **6.6 SITE 98 SOIL SAMPLE RESULTS**

4 Excavations 14A and 14B were completed adjacent to the floor slab at the former Building 98
5 (Figure 6-6). Both areas were initially excavated to a depth of 0.5 feet bgs. EnSys field
6 screening results indicated that soil in both excavations at a depth of 0.5 feet bgs contained
7 PCB at concentrations above 0.5 mg/kg. The excavations were then deepened in increments
8 of 0.5 feet, and the soil was field-screened using the EnSys PCB Field-screening Kit. Field
9 screening results indicated that soil PCB concentrations were less than 0.5 mg/kg at depths of
10 3.0 feet bgs in Excavation 14A, and 1.5 feet bgs in Excavation 14B. Analytical results for
11 samples 05NECAFSL022 (Excavation 14A) and 05NECAFSL026 (Excavation 14B)
12 confirmed that PCB concentrations in both excavations were less than the 1.0 mg/kg action
13 level. After the laboratory results were received, both excavations were lined with plastic
14 sheeting and backfilled with clean borrow material.

15 **6.7 AFS OPS SOIL AND CONCRETE SAMPLE RESULT**

16 **6.7.1 Soil Results**

17 **6.7.1.1 Soil Excavation Areas 13A-1, 13A-2, 13B-1, and 13B-2**

18 As shown on Figure 6-7, Excavations 13A-1, 13A-2, 13B-1 and 13B-2, lie immediately west
19 of the former Building 110 floor slab. BEESC demolished CTP 13-1 to provide access to the
20 underlying soil in this area. Concrete rubble from CTP 13-1 was disposed of off-island as
21 described in Section 5.3. Areas 13A-2 and 13B-2 were initially excavated to a depth of 1.5
22 feet bgs, and Areas 13A-1 and 13B-1 were initially excavated to a depth of 2.5 feet bgs. Field
23 screening results (Figure 6-7) indicated that soils in these excavations contained PCBs at
24 concentration in excess of 0.5 mg/kg. However, budget constraints prevented additional
25 excavation in these areas. Analytical results for samples 05NECAFSL062 and
26 05NECAFSL064 from Excavation 13B-2, confirmed that PCB concentrations in soil in these
27 excavations were greater than the 1.0 mg/kg action level. All of the excavations were lined
28 with plastic sheeting and backfilled with clean borrow material.

1 **6.7.1.2 Soil Excavation Areas 13C, 13D, and 13E**

2 Excavations 13C, 13D, and 13E lie immediately north of the former Building 110 floor slab
3 (Figure 6-8). Area 13C was initially excavated to a depth of 1.5 feet bgs. EnSys field
4 screening results indicated that PCB concentrations in soil at 1.5 feet bgs were greater than
5 0.5 mg/kg, and the excavation was deepened to 2.5 feet bgs. Field screening results at a depth
6 of 2.5 feet bgs indicated that PCB concentrations were below 0.5 mg/kg. Analytical results
7 from sample 05NECAFSL061Re confirmed that PCB concentrations in soil were below the
8 1.0 mg/kg action level. No further excavation or sampling was performed at Excavation 13C.

9 Area 13D was initially excavated to a depth of 0.5 feet bgs. EnSys field screening indicated
10 PCB levels greater than 0.5 mg/kg, and the excavation was deepened to between 1.5 feet and
11 2.0 feet bgs. The second round of EnSys field screening results indicated that PCB
12 concentrations were below 0.5 mg/kg. Analytical results from sample 05NECAFSL056Re
13 confirmed that PCB concentrations in soil were below the 1.0 mg/kg action level. No further
14 excavation or sampling was performed at Excavation 13D.

15 Area 13E was initially excavated to a depth of 1.0 feet bgs. EnSys field screening at 1.0 feet
16 bgs indicated PCB levels less than 0.5 mg/kg for two of these samples (AFSL051 and 053).
17 Sample AFSL052 results indicated PCB concentrations greater than 0.5 mg/kg, and this
18 portion of the excavation was deepened to 2.0 feet bgs. Field screening results from a sample
19 at 2.0 feet bgs indicated PCB concentrations in soil were below 0.5 mg/kg. Analytical results
20 from sample 05NECAFSL053 confirmed that PCB concentrations in soil were below the 1.0
21 mg/kg action level. No further excavation or sampling was performed at Excavation 13 E.

22 **6.7.1.3 Soil Beneath CTP 13-3**

23 The location of CTP 13-3 is shown on Figure 6-9. BEESC demolished and disposed
24 approximately 25 square feet of the slab as described Section 5.3. The portions of the slab
25 that were demolished and disposed are shown on Figure 6-9. Per the requirements set forth in
26 the SAP, field-screening samples were taken of the underlying soil to determine if PCBs were
27 present in the soil beneath the floor slab. Three soil samples were obtained at the locations
28 shown on Figure 6-9, and screened using the EnSys PCB Field-screening Kit. The screening

1 results from sample AFSL113 indicated that PCBs were present at a concentration in excess
2 of 0.5 mg/kg. Due to budget constraints, the soil underlying CTP 13-3 was not excavated.

3 **6.7.2 Concrete Results**

4 **6.7.2.1 Former Building 108 Floor Slab**

5 Concrete powder sampling performed in 2003 confirmed that PCBs were present at
6 concentrations above the cleanup criterion in the concrete comprising the northwest corner of
7 the floor slab at the former Building 108 (Figure 6-10). As a result, BEESC demolished and
8 disposed of a portion of the floor slab, an approximately 14- by 14-foot square (196 square
9 feet). The floor slab at the former Building 108 was constructed in two layers. The upper
10 layer was separated from the lower layer by a pipe grid that probably provided in-slab heat to
11 the building. BEESC demolished the upper layer of the slab, exposing the piping and the
12 lower layer. The piping was removed and recycled as scrap metal off-island. Concrete
13 powder samples were taken of the lower layer, and analyzed to determine if PCBs were
14 present in the lower layer of the floor slab. Eight concrete powder samples were collected at
15 the locations shown on Figure 6-10, and screened using the EnSys PCB Field-screening Kit.
16 The screening results indicated that all of the samples contained PCB at concentrations below
17 the 0.5 mg/kg screening level. The samples were then shipped to the analytical laboratory,
18 where composite samples were prepared and analyzed per the requirements of the SAP.
19 Analytical results for samples 05NECAFCC221, 231, and 241, confirmed that PCB
20 concentrations in the concrete comprising the lower layer of the floor slab, were less than the
21 1.0 mg/kg action level.

22 As shown on Figure 6-10, soil was exposed in the extreme northwest corner of the former
23 Building 108 floor slab. Per the requirements set forth in the SAP, one soil sample was
24 obtained at the location shown on Figure 6-10, and analyzed to determine if PCBs were
25 present in the soil beneath the floor slab. The field screening and analytical results indicated
26 that PCBs were not present in the soil beneath this corner of the former Building 108 floor
27 slab. The area where the concrete was removed is generally at grade with the surrounding
28 soil. No fill was placed in areas where concrete was removed.

1 **6.7.2.2 Former Building 109 Floor Slab**

2 Concrete powder sampling performed in 2003 confirmed that PCBs were present at
3 concentrations above the cleanup criterion in the floor slab of the former Building 109. As a
4 result, BEESC demolished and disposed of a portion of the floor slab approximately 30 feet
5 by 70 feet (2,100 square feet) as described Section 5.3. The portions of the slab that were
6 demolished and disposed are shown on Figure 6-11. The floor slabs at former Building109
7 was constructed in two layers as described above. BEESC demolished the upper layer of the
8 slab, exposing the piping and the lower layer. The piping was removed and recycled as scrap
9 metal off-island. Concrete powder samples were taken of the lower layer, and analyzed to
10 determine if PCBs were present in the lower layer of the floor slab. Eighty-four concrete
11 powder samples were collected at the locations shown on Figure 6-11, and screened using the
12 EnSys PCB Field-screening Kit. The screening results indicated that all of the samples
13 contained PCBs at concentrations below the 0.5 mg/kg screening level. The samples were
14 then shipped to the analytical laboratory, where composite samples were prepared and
15 analyzed per the requirements of the SAP. Analytical results for 21 composite samples (see
16 Figure 6-11) confirmed that PCB concentrations in the concrete comprising the lower layer of
17 the floor slab were less than the 1.0 mg/kg action level.

1 **7.0 REFERENCES**

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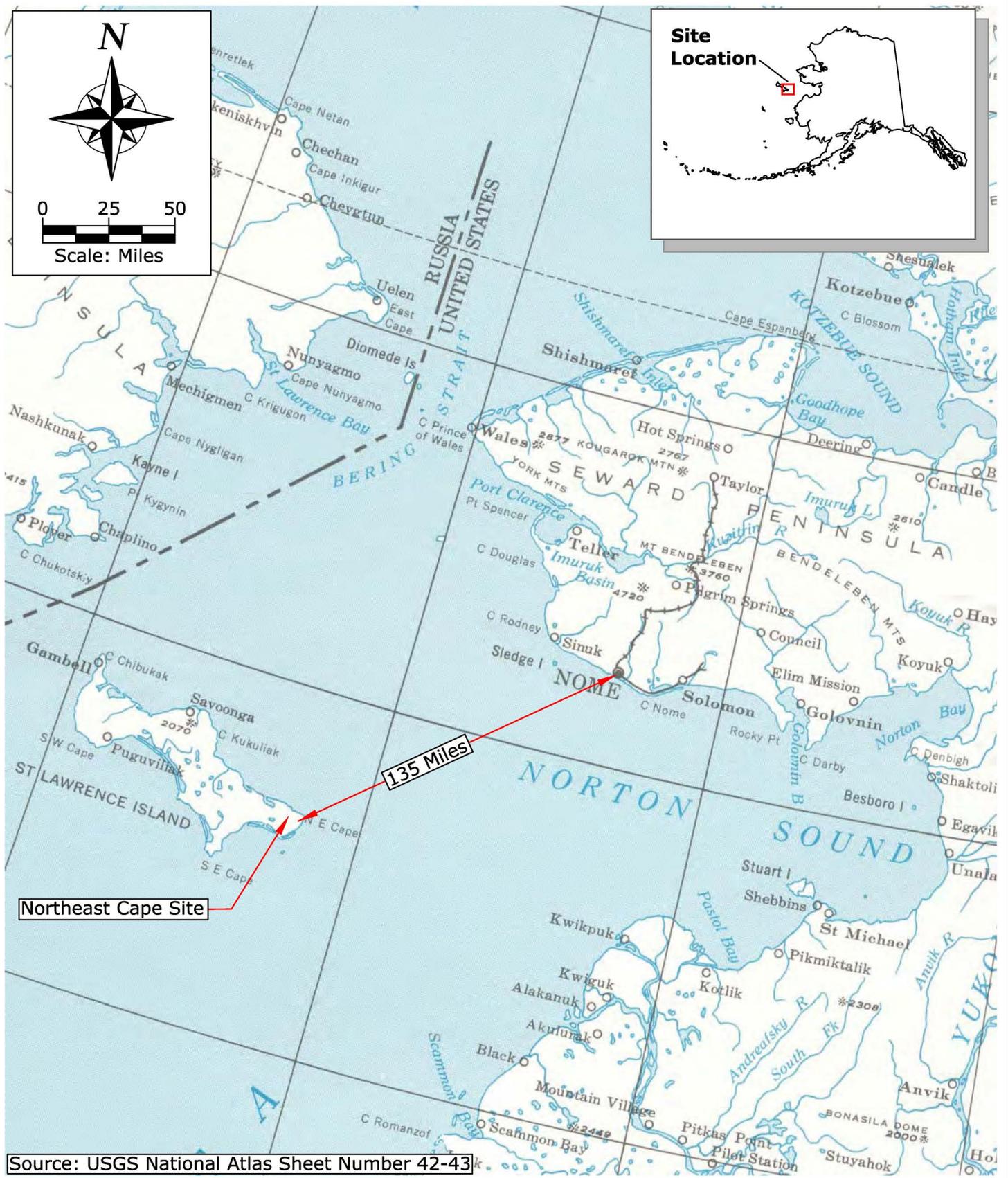
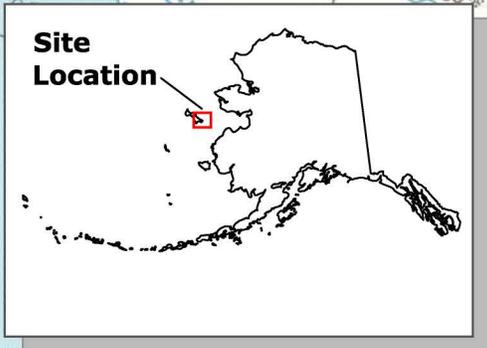
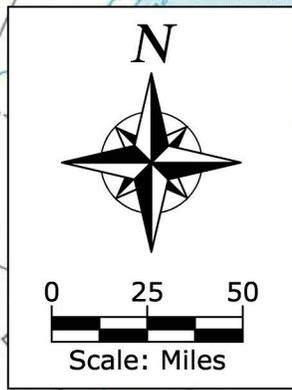
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FIGURES

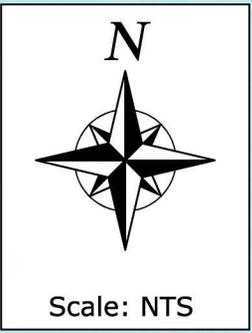


Source: USGS National Atlas Sheet Number 42-43

FIGURE 2-1
 WHITE ALICE SITE REMOVAL ACTION
 NORTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA
 VICINITY MAP

Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037	DATUM:	DATE	SHEET
	N/A	09/22/05	1
	PROJECTION:	DWN. MTG	of
	N/A	SCALE NTS	2
	CONTRACT NO:	APPRVD. SJ	
	DACA85-02-C-0011		

Drawing: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\ACAD-ENVIRO\TRANS_DEBRIS_REMOVAL\DWG\25037_RA_FIG2-1.DWG - Layout: FIG2-1
 User: MGARCIA, Jan 05, 2006 - 2:07pm Xrefs: - Images: NECAPE.jpg

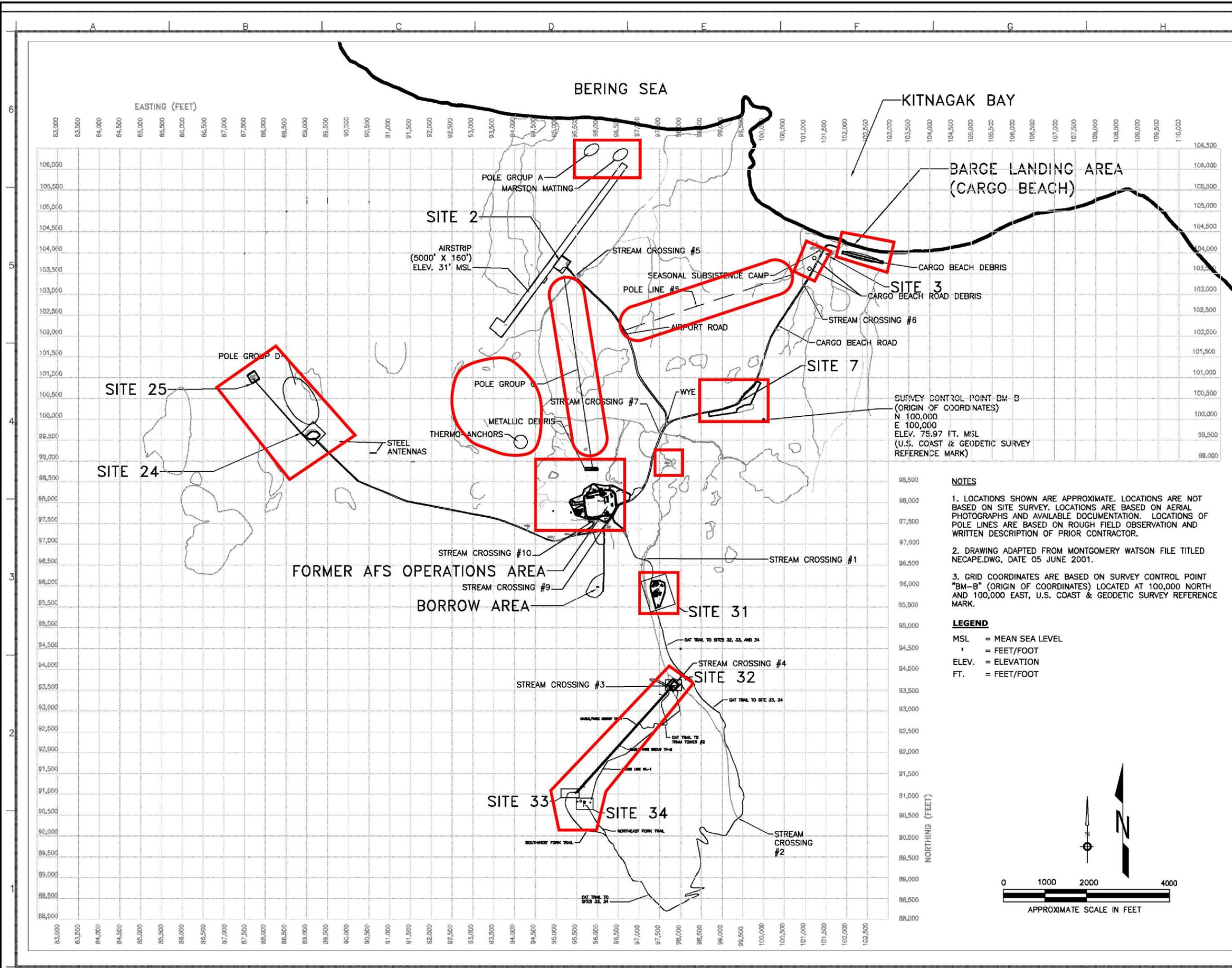


Source: USGS St. Lawrence 1:250,000 Series

FIGURE 2-2
WHITE ALICE SITE REMOVAL ACTION
NORTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA
LOCATION MAP

Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037	DATUM: N/A	DATE <u>09/22/05</u>	SHEET
	PROJECTION: N/A	DWN. <u>MTG</u>	2
	CONTRACT NO: DACA85-02-C-0011	SCALE <u>SHOWN</u>	of
		APPRVD. <u>SJ</u>	<u>2</u>

Drawings: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\ACAD-ENVIRO\TRANS_DEBRIS_REMOVAL\DWG\25037_RA_FIG3-1.DWG - Layout: FIG3-1
User: MGARCIA Mar 24, 2006 - 7:16am Xrefs: - Images: D1.CAL

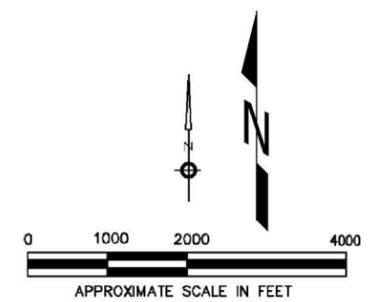


NOTES

1. LOCATIONS SHOWN ARE APPROXIMATE. LOCATIONS ARE NOT BASED ON SITE SURVEY. LOCATIONS ARE BASED ON AERIAL PHOTOGRAPHS AND AVAILABLE DOCUMENTATION. LOCATIONS OF POLE LINES ARE BASED ON ROUGH FIELD OBSERVATION AND WRITTEN DESCRIPTION OF PRIOR CONTRACTOR.
2. DRAWING ADAPTED FROM MONTGOMERY WATSON FILE TITLED NECAPE.DWG, DATE 05 JUNE 2001.
3. GRID COORDINATES ARE BASED ON SURVEY CONTROL POINT "BM-B" (ORIGIN OF COORDINATES) LOCATED AT 100,000 NORTH AND 100,000 EAST, U.S. COAST & GEODETIC SURVEY REFERENCE MARK.

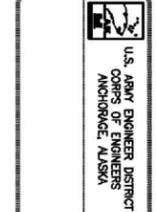
LEGEND

MSL = MEAN SEA LEVEL
 ' = FEET/FOOT
 ELEV. = ELEVATION
 FT. = FEET/FOOT



DATE	2006.03.24
BY	MGARCIA
CHECKED BY	SAJ
APPROVED BY	
DESCRIPTION	NE CAPE TRAM AND DEBRIS REMOVAL SITE LOCATION MAP

NO.	DESCRIPTION	DATE



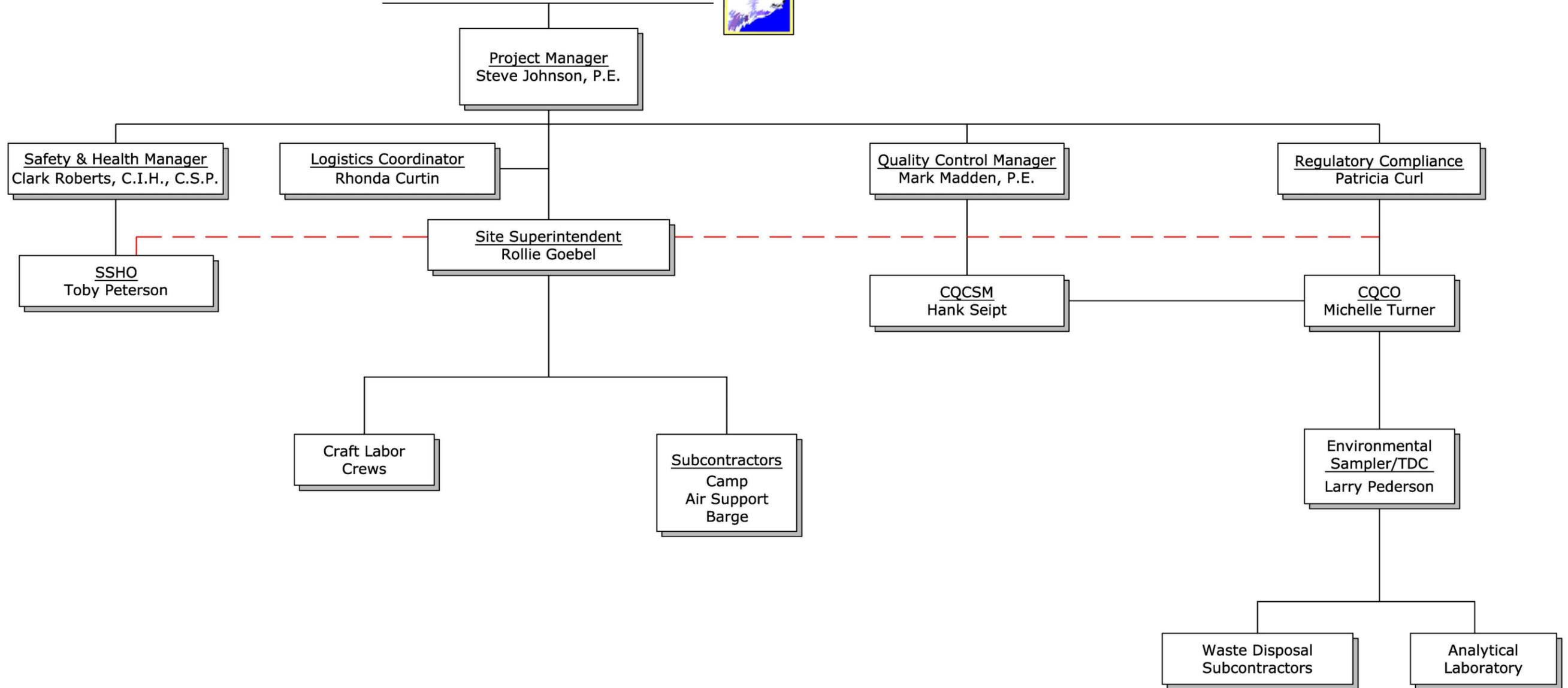
PROJECT NO.	W911KB-04-R-0018
PROJECT NAME	NE CAPE TRAM AND DEBRIS REMOVAL
DATE	2006.03.24
BY	MGARCIA
CHECKED BY	SAJ
APPROVED BY	

NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA
 WHITE ALICE TRAM AND DEBRIS REMOVAL
 DEMOLITION
 SITE LOCATION MAP

Reference number:
D-1
 SHEET 1 OF 8

<p>Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION</p> <p>Phone (907) 563-0013 Fax (907) 563-6713</p>	<p>NE Cape Work Areas White Alice Tram and Debris Removal Northeast Cape, St. Lawrence Island, Alaska</p>	<p>Contract No: DACA85-02-C-0011</p>	<p>Figure 3-1</p>
Date: September 2005	Checked By: SAJ	Drawn By: MTG	Project No: 25037

U. S. Army Corps of Engineers, Alaska District



— Direct Reporting
 - - - Lines of Communication

SSHO: Site Safety & Health Officer
 CQCSM: Contractor Quality Control System Manager
 TDC: Transportation & Disposal Coordinator
 CQCO: Chemical Quality Control Officer

FIGURE 4-1 WHITE ALICE SITE REMOVAL ACTION NORTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA PROJECT ORGANIZATION			
<p>Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037</p>	DATUM: N/A	DATE <u>09/22/05</u>	SHEET
	PROJECTION: N/A	DWN. <u>MTG</u>	1
	CONTRACT NO: DACA85-02-C-0011	SCALE <u>NTS</u>	of
		APPRVD. <u>SAJ</u>	<u>1</u>

Drawing: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\ACAD-ENVIRO\TRANS_DEBRIS_REMOVAL\DWG\25037_RA_FIG4-1.DWG - Layout: FIG4-1
 User: MIGARCIA Jan 05, 2006 - 2:15pm Xrefs: - Images: COE.DIB

Figure 5-1 Mobilization Activities



Photograph 1. Unloading heavy equipment during mobilization activities. Photo facing northeast.



Photograph 2. Landing craft unloaded and ready to depart after mobilization activities. Photo facing north.

Figure 5-2 Barge Offloading Activities



Photograph 3. Temporary construction camp being set up during mobilization activities. Photo facing northeast.



Photograph 4. Remaining camp trailers on cargo beach during mobilization activities. Photo facing northeast.

Figure 5-3 Demobilization Activities



Photograph 5. A mobile demolition trailer is being placed on a shipping flat as part of demobilization activities. Photo facing north.



Photograph 6. Removal of the truck/waste scale during demobilization activities. Photo facing southwest.

Figure 5-4 Temporary Construction Camp



Photograph 7. NE Cape temporary campsite. Note the camp is parallel to the NE Cape runway, behind the camp in this picture. Photo facing north.



Photograph 8. Fully operational temporary construction camp. Note the weather station located on top of the trailer to the right. Photo facing southwest.

Figure 5-5 Existing Road System Improvements



Photograph 9. Existing Cargo Beach road conditions during removal activities. Photo taken from Site 7 facing north.



Photograph 10. BEESC repaired existing roadways throughout NE Cape including Cargo Beach road seen here. Note that the vehicles and people in the upper left background are at Site 7. Photo facing southwest.

Figure 5-6 Existing Cat Trail Improvements



Photograph 11. Existing cat trail between the lower and upper mountain areas. Note the large washout area. Photo facing northeast.



Photograph 12. The same Cat Trail area between the lower and upper mountain after BEESC's trail improvements. Photo facing northeast.

Figure 5-7 Steep Grades Along Cat Trails



Photograph 13. Cat trails traversed steep terrain using a series of sharp switchbacks. Photo facing northeast.



Photograph 14. A steeper area along the mountain cat trail with a sharp switchback. Photo facing northwest.

Figure 5-8 Steepest Grades Encountered During Tram Removal



Photograph 15. A steeper area along the mountain with terrain in excess of 100 percent grade. Photo facing southwest.



Photograph 16. Removing debris below the steepest portion of the mountain complex area. Photo facing west.

Figure 5-9 Tram Tower and Cable Demolition



Photograph 17. The existing tram system connecting the lower and upper mountain areas. Photo facing southwest.

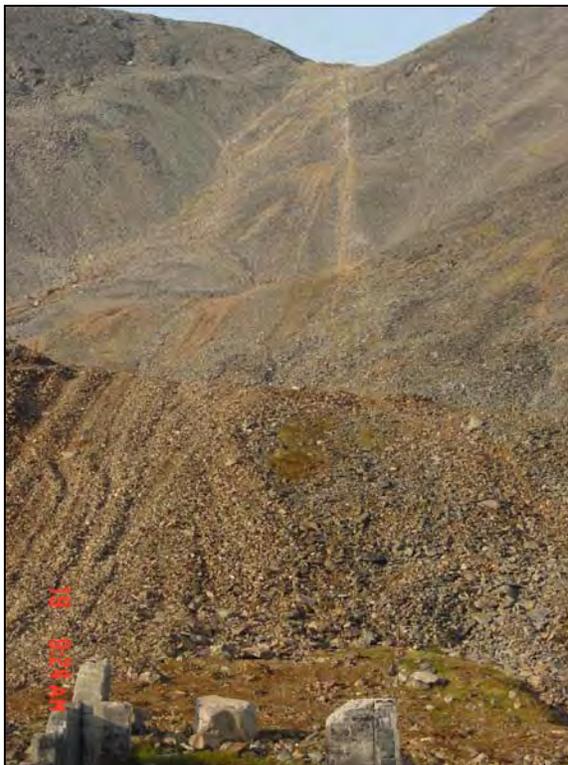


Photograph 18. BEESC crews used chop saws to notch the tram towers above their concrete footings. Photo facing north.

Figure 5-10 Tram Tower and Cable Demolition



Photograph 19. After the tram tower bases were notched, two D-8 Cats were attached to the existing tram cables to pull all the tram towers down the Kinipaghulghat Mountain slopes at one time. Photo facing northeast.



Photograph 20. The tram line area, after BEESC removed all the towers and debris from the mountain side. Photo facing southwest.

Figure 5-11 Water Line Removal



Photograph 21. D-8 Cat pulling the upper mountain complex water line down to the base of the mountain for cutting and disposal. Photo facing southwest.



Photograph 22. Excavator outfitted with hydraulic shears was used to cut the water line. Note the BEESC crew in the foreground, placing the cut pieces of piping into a Conex. Photo facing north.

Figure 5-12 Pole Line and Debris Field Removal Methods and Equipment



Photograph 23. Chain saws were used to cut existing wooden poles down.



Photograph 24. Chop saws with grinder blades were used to cut existing metal poles.

Figure 5-13 Pole Line and Debris Field Removal Methods and Equipment



Photograph 25. A hydraulic log grapple was used to pull wooden poles out of the ground and pick up fallen poles. Note the wooden pole in the back of the Morooka track vehicle. Photo facing northeast.



Photograph 26. The log grapple was also used to place various metal towers and poles into Morooka tracked vehicles for transport to the scrap metal staging areas.

Figure 5-14 Pole Line and Debris Field Removal Methods and Equipment



Photograph 27. Various cables and wires were spooled with a custom spooler mounted on a Morooka tracked vehicle. Note the White Alice Communications Towers footing in the background. Photo facing north.



Photograph 28. The spooled cable was placed into Conexes for disposal.

Figure 5-15 Pole Line and Debris Field Removal Methods and Equipment



Photograph 29. Various forms of debris were removed from NE Cape, the majority being scrap wood and metal. Photo facing southeast.



Photograph 30. A belay system was used to remove various forms for wood and metal debris from steep slopes. Photo facing north.

Figure 5-16 Burn Pit Used to Reduce Wood Waste



Photograph 31. Two quarters of an old AST was placed inside the 5 by 30-foot burn pit to minimize ash amounts left in the burn pit and to make removing the ash more efficient. Photo facing west.



Photograph 32. The burn pit in action. Note that very little, if any, smoke is coming out of the burn pit as a result of the air curtain blower to the left of the pit. Photo facing southwest.

Figure 5-17 Final Seeding of Disturbed Areas



Photograph 33. Fertilizer being loaded into a spreader mounted on an ATV as part of the final seeding process around the AFS Ops Area.



Photograph 34. Applying fertilizer and seeding was performed throughout Site 31, Site 7, and the AFS Ops Area. Photo facing west.

Figure 5-18 Site 7 Pre- and Post-removal Action



Photograph 35. Debris along the south side of Cargo Beach Road in Site 7. Photo facing north.



Photograph 36. After BEESC removed debris from the area previously mentioned. Note that although a lot of debris was removed, some still remains. Photo facing north.

Figure 5-19 Debris Field 1 Pre- and Post-removal Action



Photograph 37. Various forms of debris were removed from the slopes below Sites 33 and 34 (Upper Mountain Complex). Note the small pieces of debris scattered throughout the site. Photo facing southeast.



Photograph 38. The same site as previously mentioned after debris removal. Photo facing southeast.

Figure 5-20 AFS Ops Scrap Metal Pre- and Post-demolition



Photograph 39. Old AST scrap metal piles located along the north side of the AFS Ops Area. Photo facing west.

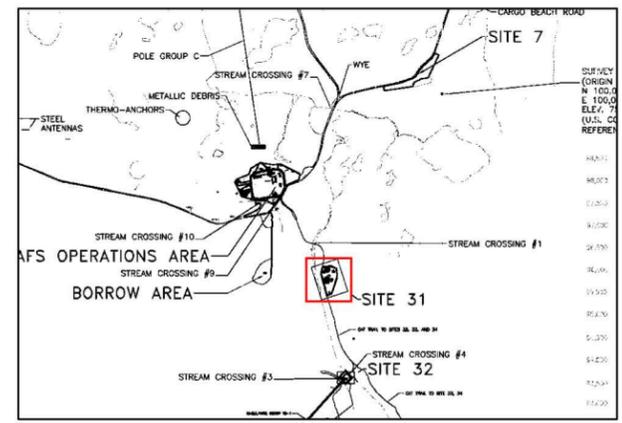
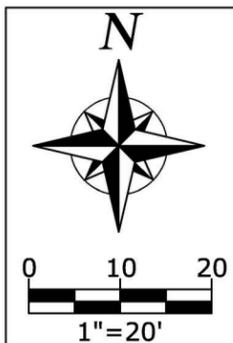


Photograph 40. BEESC nearing completion of tank scrap metal removal in the previously mentioned area. Note that all the tank scrap was removed and shipped off-island from this area. Photo facing north.

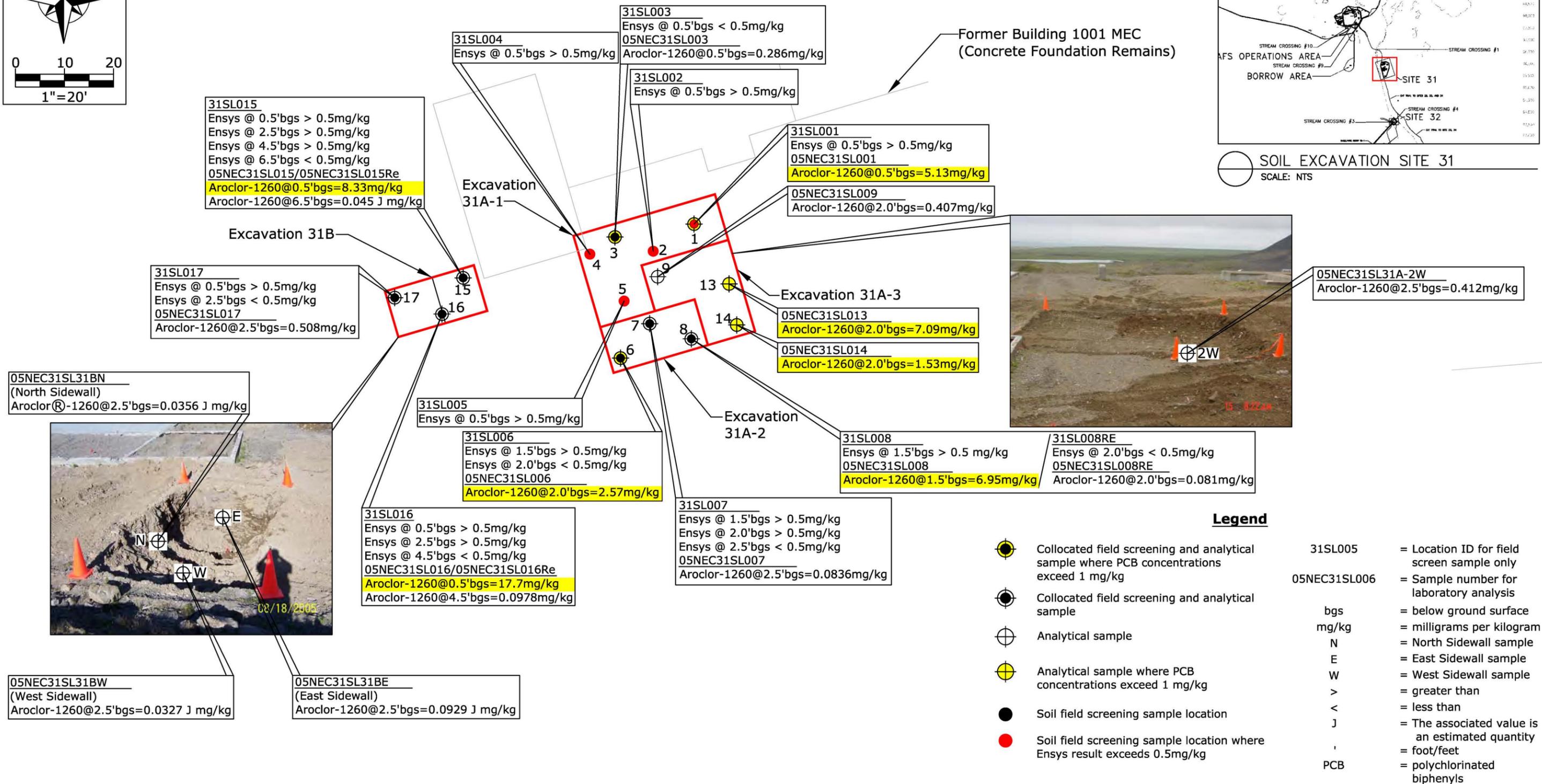
Figure 5-20a AFS Ops Post-Demolition



Photograph 41. AFS Ops Area after removal of tank scrap metal. Photo facing north.



SOIL EXCAVATION SITE 31
SCALE: NTS



Legend

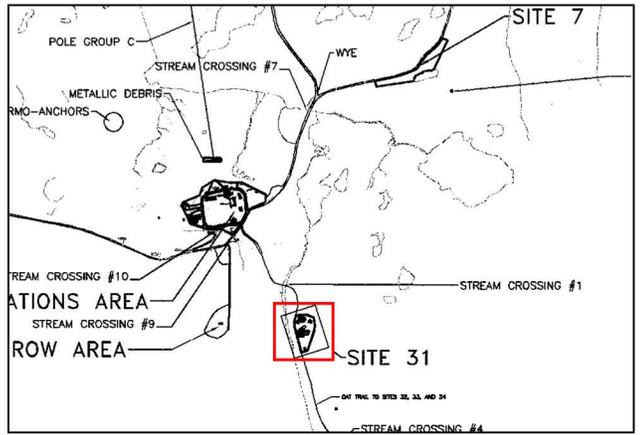
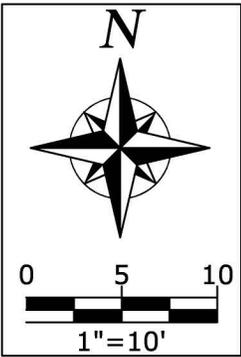
- Collocated field screening and analytical sample where PCB concentrations exceed 1 mg/kg
 - Collocated field screening and analytical sample
 - Analytical sample
 - Analytical sample where PCB concentrations exceed 1 mg/kg
 - Soil field screening sample location
 - Soil field screening sample location where Ensys result exceeds 0.5mg/kg
- | | |
|--------------|---|
| 31SL005 | = Location ID for field screen sample only |
| 05NEC31SL006 | = Sample number for laboratory analysis |
| bgs | = below ground surface |
| mg/kg | = milligrams per kilogram |
| N | = North Sidewall sample |
| E | = East Sidewall sample |
| W | = West Sidewall sample |
| > | = greater than |
| < | = less than |
| J | = The associated value is an estimated quantity |
| ' | = foot/feet |
| PCB | = polychlorinated biphenyls |

**FIGURE 6-1
WHITE ALICE SITE REMOVAL ACTION
NORTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA
SOIL EXCAVATION AREAS 31A AND 31B SAMPLE
LOCATIONS AND RESULTS**

<p>Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037</p>	DATUM: N/A	DATE 09/22/05
	PROJECTION: N/A	DWN. MTG
	CONTRACT NO: DACA85-02-C-0011	SCALE 1"=20'
		APPRVD. SAJ

Drawing: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\ACAD-ENVIRO\TRANS_DEBRIS_REMOVAL\DWG\25037_RA_FIGS\THRU11.DWG - Layout: FIG-6-1 User: MGARCIA Mar 24, 2006 - 6:57am Xrefs: - Images: D:\CAL FIGURE 6-11.JPG FIGURE 6-10.JPG FIGURE 6-1A.JPG FIGURE 6-1B.JPG FIGURE 6-2.JPG FIGURE 6-3.JPG FIGURE 6-4.JPG FIGURE 6-5.JPG

Drawing: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\ACAD-ENV\PRO\TRANS_DEBRIS_REMOVAL\DWG\25037_RA_FIGS3THRU11.DWG - Layout: FIG6-2
 User: MGARCIA Mar 24, 2006 - 6:58am Xrefs: - Images: D1\CAL FIGURE 6-10.JPG FIGURE 6-11.JPG FIGURE 6-1A.JPG FIGURE 6-1B.JPG FIGURE 6-2.JPG FIGURE 6-3.JPG FIGURE 6-4.JPG FIGURE 6-5.JPG



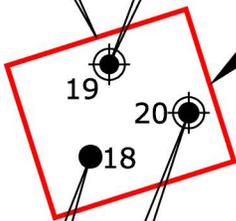
SOIL EXCAVATION SITE 31
 SCALE: NTS



Former WAC Antennae
(Concrete foundation remains)

31SL019
 Ensys @ 0.5'bgs > 0.5mg/kg
 Ensys @ 1.5'bgs > 0.5mg/kg
 Ensys @ 2.0'bgs < 0.5mg/kg
05NEC31SL019
 Aroclor®-1260@2.0'bgs=ND(0.0576mg/kg)

Excavation 31C



31SL018
 Ensys @ 0.5'bgs > 0.5mg/kg
 Ensys @ 1.5'bgs > 0.5mg/kg
 Ensys @ 2.0'bgs < 0.5mg/kg

31SL020
 Ensys @ 0.5'bgs > 0.5mg/kg
 Ensys @ 1.5'bgs > 0.5mg/kg
 Ensys @ 2.0'bgs < 0.5mg/kg
05NEC31SL020
 Aroclor-1260@2.0'bgs=0.0589mg/kg

Legend



Collocated field screening and analytical sample



Soil field screening sample location

31SL018 = Location ID for field screen sample only

05NEC31SL006 = Sample number for laboratory analysis

bgs = below ground surface

mg/kg = milligrams per kilogram

> = greater than

< = less than

ND = Not detected at or above concentration shown

' = foot/feet

FIGURE 6-2
 WHITE ALICE SITE REMOVAL ACTION
 NOTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA
SOIL EXCAVATION AREA 31C
SAMPLE LOCATIONS AND RESULTS

 Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037	DATUM:	N/A	DATE <u>09/22/05</u>
	PROJECTION:	N/A	DWN. <u>MTG</u>
	CONTRACT NO:	DACA85-02-C-0011	SCALE <u>1"=10'</u>
			APPRVD. <u>SAJ</u>

Legend



Collocated field screening and analytical sample



Soil field screening sample location



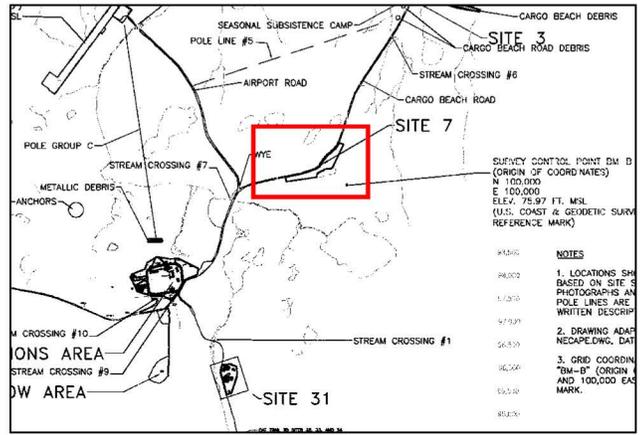
Soil field screening sample location where Ensys result exceeds 0.5mg/kg

07SL032 = Location ID for field screen sample only

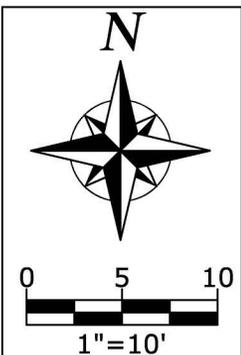
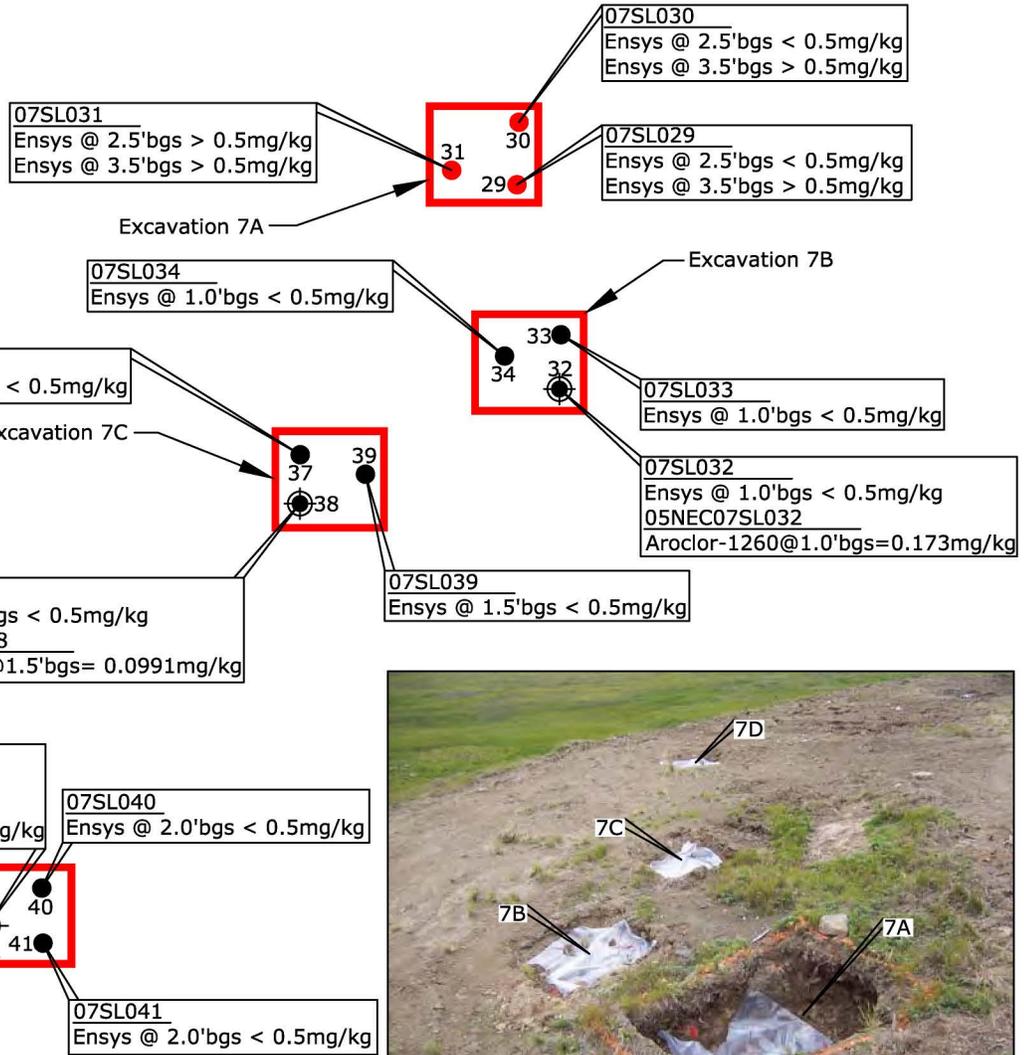
05NEC07SL032 = Sample number for laboratory analysis

bgs = below ground surface
mg/kg = milligrams per kilogram

> = greater than
< = less than
J = The associated value is an estimated quantity
' = foot/feet



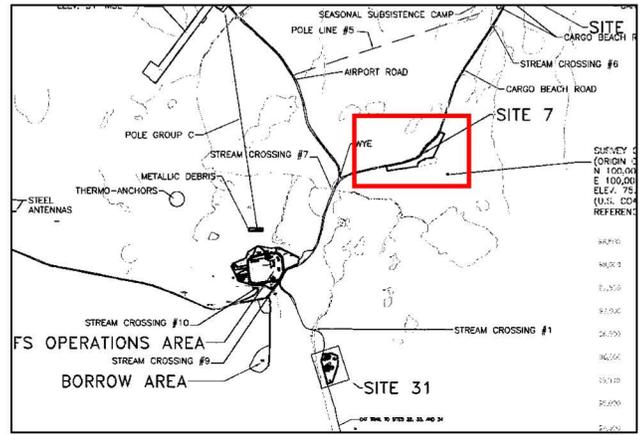
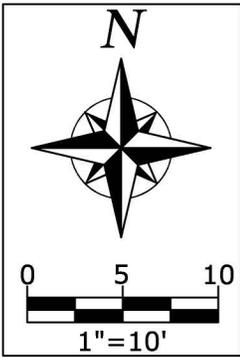
SOIL EXCAVATION SITE 7
SCALE: NTS



Drawing: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\ACAD\ENVIRO\TRANS_DEBRIS_REMOVAL\DWG\25037_RA_FIGS3THRU11.DWG - Layout: FIG6-4 User: MGARCIA Mar 24, 2006 - 7:01am Xrefs: - Images: D:\CAL FIGURE 6-10.JPG FIGURE 6-11.JPG FIGURE 6-1A.JPG FIGURE 6-1B.JPG FIGURE 6-2.JPG FIGURE 6-3.JPG FIGURE 6-4.JPG FIGURE 6-5.JPG

**FIGURE 6-4
WHITE ALICE SITE REMOVAL ACTION
NORTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA
SOIL EXCAVATION AREAS 7A, 7B, 7C, AND 7D
SAMPLE LOCATIONS AND RESULTS**

<p>Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037</p>	DATUM: N/A	DATE <u>09/22/05</u>
	PROJECTION: N/A	DWN. <u>MTG</u>
	CONTRACT NO: DACA85-02-C-0011	SCALE <u>1"=10'</u>
		APPRVD. <u>SAJ</u>



SOIL EXCAVATION SITE 7
SCALE: NTS



Excavation 7E

07SL043
Ensys @ 1.0'bgs > 0.5mg/kg
Ensys @ 2.0'bgs < 0.5mg/kg

07SL045
Ensys @ 1.0'bgs > 0.5mg/kg
Ensys @ 2.0'bgs > 0.5mg/kg

07SL044
Ensys @ 1.0'bgs > 0.5mg/kg
Ensys @ 2.0'bgs > 0.5mg/kg

Excavation 7F

07SL046
Ensys @ 1.0'bgs < 0.5mg/kg

07SL050
Ensys @ 1.0'bgs < 0.5mg/kg

07SL049
Ensys @ 1.0'bgs < 0.5mg/kg

Legend

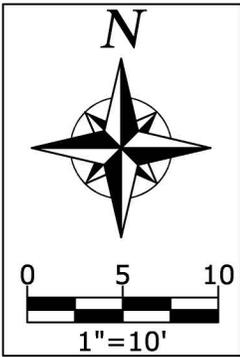
- Soil field screening sample location
- Soil field screening sample location where Ensys result exceeds 0.5mg/kg

- 07SL043 = Location ID for field screen sample only
- bgs = below ground surface
- mg/kg = milligrams per kilogram
- > = greater than
- < = less than
- ' = foot/feet

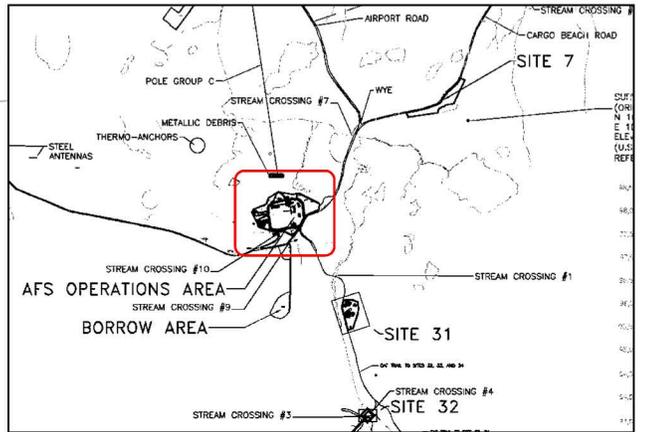
FIGURE 6-5
WHITE ALICE SITE REMOVAL ACTION
NORTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA
SOIL EXCAVATION AREAS 7E AND 7F
SAMPLE LOCATIONS AND RESULTS

<p>Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037</p>	DATUM: N/A	DATE <u>09/22/05</u>
	PROJECTION: N/A	DWN. <u>MTG</u>
	CONTRACT NO: DACA85-02-C-0011	SCALE <u>1"=10'</u>
		APPRVD. <u>SAJ</u>

Drawing: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\ACAD-ENVIRO\TRANS_DEBRIS_REMOVAL\DWG\25037_RA_FIGS3THRU11.DWG - Layout: FIG6-5
 User: MGARCIA Mar 24, 2006 - 7:02am Xrefs: - Images: D1\CAL FIGURE 6-10.JPG FIGURE 6-11.JPG FIGURE 6-1A.JPG FIGURE 6-2.JPG FIGURE 6-3.JPG FIGURE 6-4.JPG FIGURE 6-5.JPG



Former Building 98
(Concrete foundation remains)



SOIL EXCAVATION AFS OPS SITE 14
SCALE: NTS

AFSL027
Ensys @ 0.5'bgs > 0.5mg/kg
Ensys @ 1.5'bgs < 0.5mg/kg

Excavation 14B

AFSL026
Ensys @ 0.5'bgs > 0.5mg/kg
Ensys @ 1.5'bgs < 0.5mg/kg
05NECAFSL026
Aroclor-1260@1.5'bgs=0.206mg/kg

AFSL028
Ensys @ 0.5'bgs > 0.5mg/kg
Ensys @ 1.5'bgs < 0.5mg/kg

31SLO21
Ensys @ 1.0'bgs > 0.5mg/kg
Ensys @ 2.0'bgs < 0.5mg/kg

Excavation 14A

AFSL025
Ensys @ 1.0'bgs > 0.5mg/kg
Ensys @ 2.0'bgs > 0.5mg/kg
Ensys @ 3.0'bgs < 0.5mg/kg

AFSL022
Ensys @ 1.0'bgs > 0.5mg/kg
Ensys @ 2.0'bgs > 0.5mg/kg
Ensys @ 3.0'bgs < 0.5mg/kg
05NECAFSL022
Aroclor®-1260@3.0'bgs=0.0526 J mg/kg



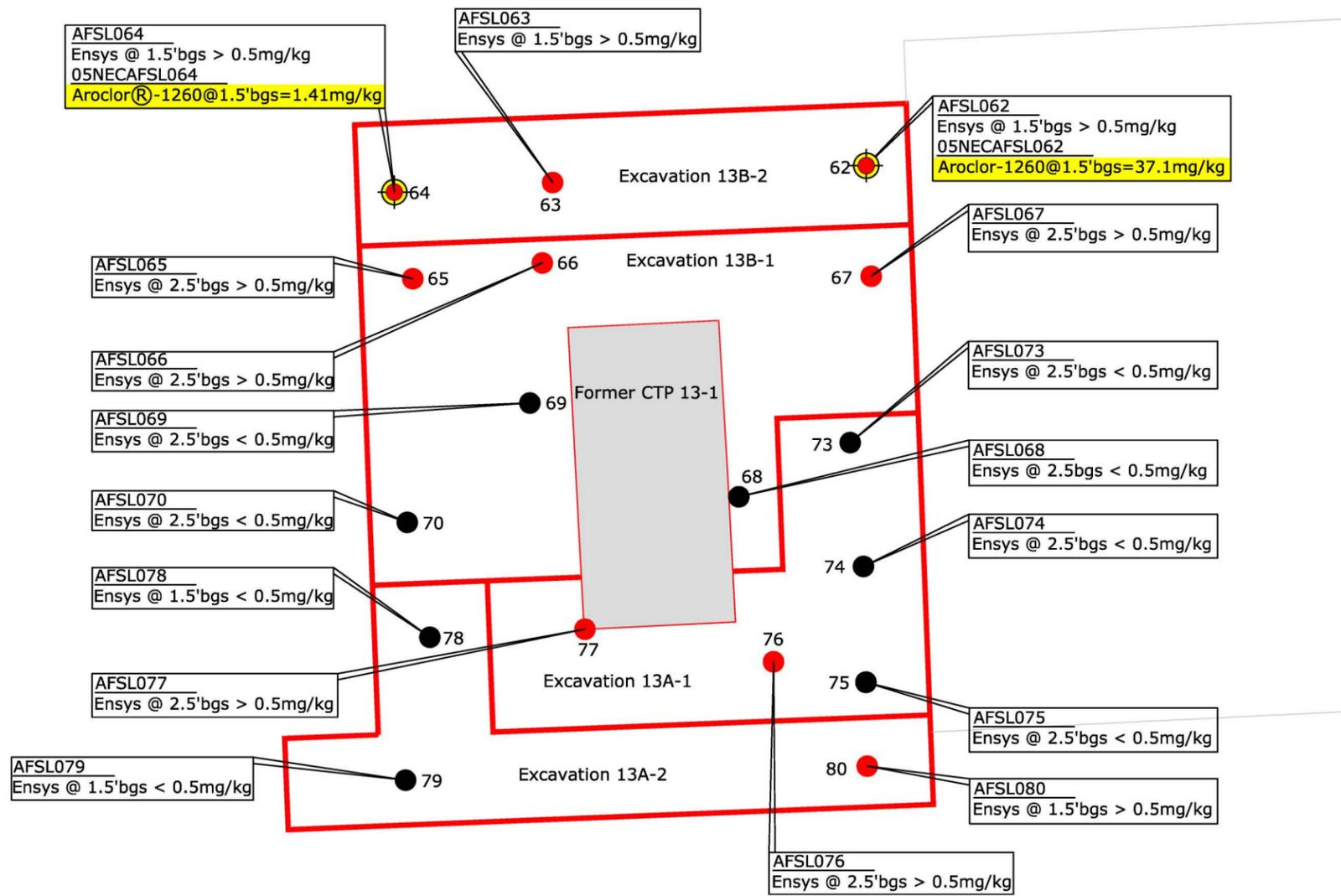
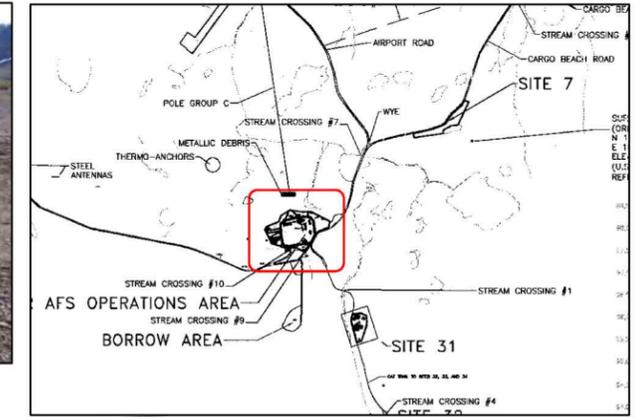
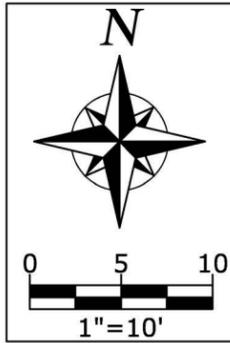
Legend

- Collocated field screening and analytical sample
- Soil field screening sample location
- AFSL026** = Location ID for field screen sample only
- 05NECAFSL026** = Sample number for laboratory analysis
- bgs** = below ground surface
- mg/kg** = milligrams per kilogram
- >** = greater than
- <** = less than
- J** = The associated value is an estimated quantity
- '** = foot/feet

FIGURE 6-6
WHITE ALICE SITE REMOVAL ACTION
NORTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA
SOIL EXCAVATION AFS OPS SITE 14
SAMPLE LOCATIONS AND RESULTS

Drawing: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\ACAD-ENV\PRO\TRANS_DEBRIS_REMOVAL\DWG\25037_RA_FIGS3THRU11.DWG - Layout: FIG6-6 User: MGARCIA Mar 24, 2006 - 7:02am Xrefs: - Images: D1\CAL FIGURE 6-10.JPG FIGURE 6-11.JPG FIGURE 6-1A.JPG FIGURE 6-2.JPG FIGURE 6-3.JPG FIGURE 6-4.JPG FIGURE 6-5.JPG

Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037	DATUM: N/A	DATE <u>09/22/05</u>
	PROJECTION: N/A	DWN. <u>MTG</u>
	CONTRACT NO: DACA85-02-C-0011	SCALE <u>1"=10'</u>
		APPRVD. <u>SAJ</u>



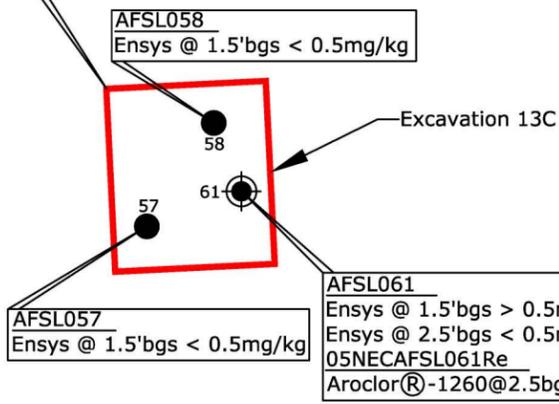
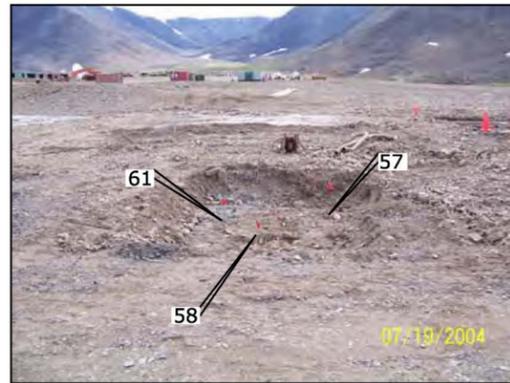
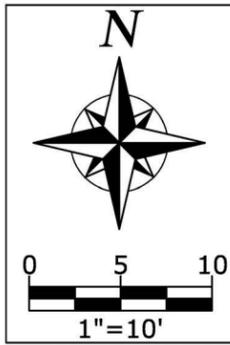
SOIL EXCAVATION AFS OPS SITE 13
SCALE: NTS

- Legend**
- Collocated field screening and analytical sample where PCB concentrations exceed 1 mg/kg
 - Concrete demolished and disposed of in this area
 - Soil field screening sample location
 - Soil field screening sample location where Ensys result exceeds 0.5mg/kg
 - AFSL064 = Location ID for field screen sample only
 - 05NECAFSL064 = Sample number for laboratory analysis
 - bgs = below ground surface
 - mg/kg = milligrams per kilogram
 - > = greater than
 - < = less than
 - CTP = Concrete Transformer Pad
 - PCB = polychlorinated biphenyls
 - ' = foot/feet

FIGURE 6-7
WHITE ALICE SITE REMOVAL ACTION
NORTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA
SOIL EXCAVATION AREAS 13A AND 13B
SAMPLE LOCATIONS AND RESULTS

Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037	DATUM:	N/A	DATE	09/22/05
	PROJECTION:	N/A	DWN.	MTG
	CONTRACT NO.:	DACA85-02-C-0011	SCALE	1"=10'
			APPRVD.	SAJ

Drawing: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\ACAD-ENVIRO\TRANS_DEBRIS_REMOVAL\DWG\25037_RA_FIGS\THRU11.DWG - Layout: FIG-7
 User: MIGARCIA Mar 24, 2006 - 7:03am Xrefs: - Images: D:\CAL FIGURE 6-10.JPG FIGURE 6-11.JPG FIGURE 6-1A.JPG FIGURE 6-1B.JPG FIGURE 6-2.JPG FIGURE 6-3.JPG FIGURE 6-4.JPG FIGURE 6-5.JPG



AFSL057
Ensys @ 1.5'bgs < 0.5mg/kg

AFSL058
Ensys @ 1.5'bgs < 0.5mg/kg

AFSL061
Ensys @ 1.5'bgs > 0.5mg/kg
Ensys @ 2.5'bgs < 0.5mg/kg
05NECAFSL061Re
Aroclor®-1260@2.5bgs=0.0771mg/kg

AFSL056
Ensys @ 0.5'bgs > 0.5mg/kg
Ensys @ 1.5'bgs < 0.5mg/kg
05NECAFSL056Re
Aroclor-1260@1.5'bgs=0.114mg/kg

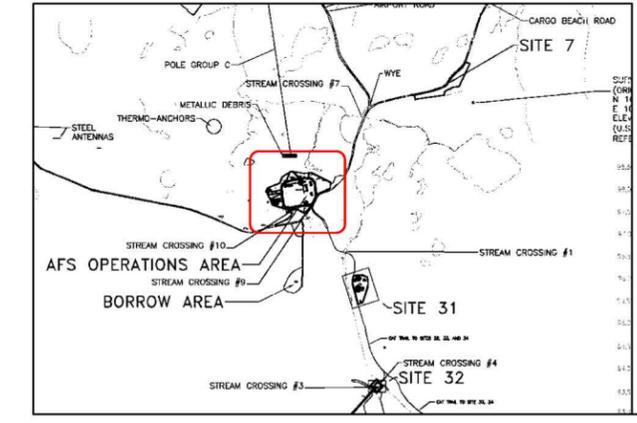
AFSL055
Ensys @ 0.5'bgs < 0.5mg/kg

AFSL054
Ensys @ 0.5'bgs < 0.5mg/kg

AFSL052
Ensys @ 1.0'bgs > 0.5mg/kg
Ensys @ 2.0'bgs < 0.5mg/kg

AFSL053
Ensys @ 1.0'bgs < 0.5mg/kg
05NECAFSL053
Aroclor-1260@1.0'bgs=0.152mg/kg

AFSL051
Ensys @ 1.0'bgs < 0.5mg/kg



SOIL EXCAVATION AFS OPS SITE 13
SCALE: NTS

Legend

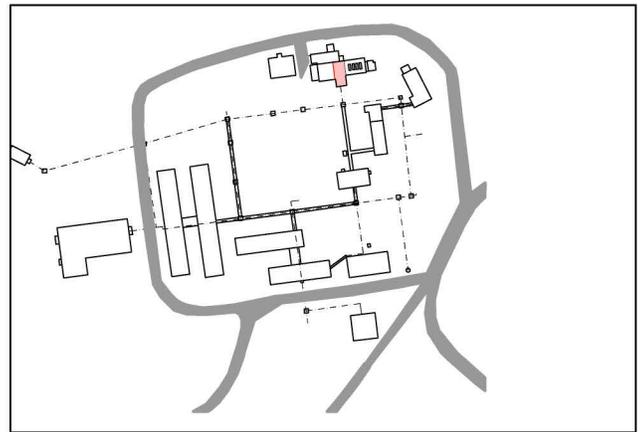
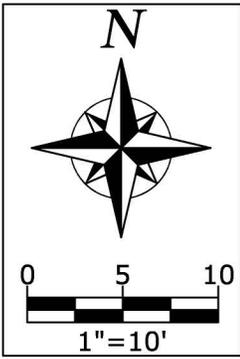
- Collocated field screening and analytical sample
- Soil field screening sample location
- AFSL056 = Location ID for field screen sample only
- 05NECAFSL056 = Sample number for laboratory analysis
- bgs = below ground surface
- mg/kg = milligrams per kilogram
- > = greater than
- < = less than
- ' = foot/feet

Former Building 110

FIGURE 6-8
WHITE ALICE SITE REMOVAL ACTION
NORTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA
SOIL EXCAVATION AREAS 13C, 13D, AND 13E
SAMPLE LOCATIONS AND RESULTS

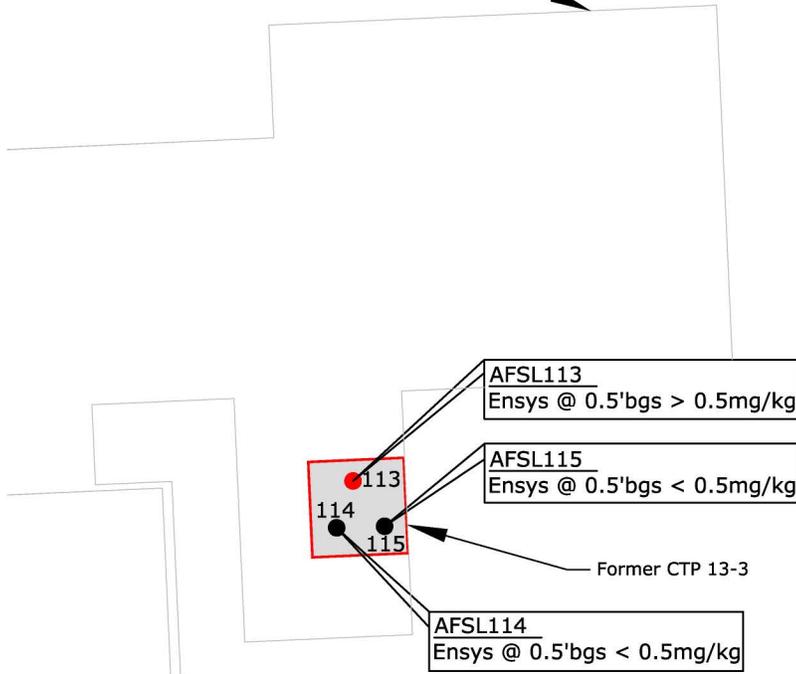
Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037	DATUM:	DATE
	N/A	09/22/05
	PROJECTION:	DWN. MTG
	N/A	SCALE 1"=10'
CONTRACT NO:	APPRVD. SAJ	
DACA85-02-C-0011		

Drawing: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\ACAD-ENVIRO\TRANS_DEBRIS_REMOVAL\DWG\25037_RA_FIGS\THRU11.DWG - Layout: FIG-8
 User: MIGARCIA Mar 24, 2006 - 7:04am Xrefs: - Images: D1.CAL FIGURE 6-10.JPG FIGURE 6-11.JPG FIGURE 6-1A.JPG FIGURE 6-1B.JPG FIGURE 6-2.JPG FIGURE 6-3.JPG FIGURE 6-4.JPG FIGURE 6-5.JPG



Former Building 110
(Concrete foundation remains)

SOIL EXCAVATION BUILDING 110
SCALE: NTS



Legend

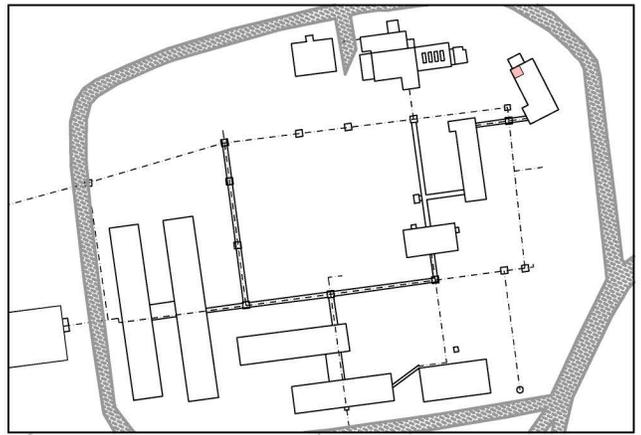
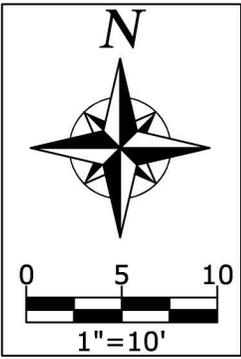
- Soil field screening sample location
- Soil field screening sample location where Ensys result exceeds 0.5mg/kg
- Concrete demolished and disposed of in this area
- CTP = Concrete Transformer Pad
- AFSL113 = Location ID for field screen sample only
- bgs = below ground surface
- mg/kg = milligrams per kilogram
- > = greater than
- < = less than
- ' = foot/feet

FIGURE 6-9
WHITE ALICE SITE REMOVAL ACTION
GAMBELL ST. LAWRENCE ISLAND, ALASKA
SOIL EXCAVATION BUILDING 110
SAMPLE LOCATIONS AND RESULTS

Drawing: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\ACAD-ENVIRO\TRANS_DEBRIS_REMOVAL\DWG\25037_RA_FIGS3THRU11.DWG - Layout: FIG6-9
User: MGARCIA Mar 24, 2006 - 7:06am Xrefs: - Images: D1.CAL FIGURE 6-10.JPG FIGURE 6-11.JPG FIGURE 6-1A.JPG FIGURE 6-1B.JPG FIGURE 6-2.JPG FIGURE 6-3.JPG FIGURE 6-4.JPG FIGURE 6-5.JPG

 Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037	DATUM: N/A	DATE 09/22/05
	PROJECTION: N/A	DWN. MTG
	CONTRACT NO: DACA85-02-C-0011	SCALE 1"=10'
		APPRVD. SAJ

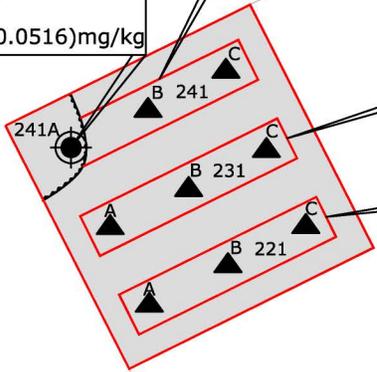
Drawing: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\ACAD-ENV\PRO\TRANS_DEBRIS_REMOVAL\DWG\25037_RA_FIGS3THRU11.DWG - Layout: FIG6-10
 User: MGARCIA Mar 24, 2006 - 7:06am Xrefs: - Images: D1.CAL FIGURE 6-10.JPG FIGURE 6-11.JPG FIGURE 6-1A.JPG FIGURE 6-2.JPG FIGURE 6-3.JPG FIGURE 6-4.JPG FIGURE 6-5.JPG



AFCC241
 Ensys < 0.5mg/kg
 05NECAFCC241
 Aroclor®-1260=ND(0.0491)mg/kg

AFSL241A
 Ensys @ 0.5'bgs < 0.5mg/kg
 05NECAFSL241A
 Aroclor-1260@0.5'bgs=ND(0.0516)mg/kg

○ CONCRETE REMOVAL BUILDING 108
 SCALE: NTS



AFCC231
 Ensys < 0.5mg/kg
 05NECAFCC231
 Aroclor-1260=ND(0.0498)mg/kg

AFCC221
 Ensys < 0.5mg/kg
 05NECAFCC221
 Aroclor-1260=ND(0.0507)mg/kg

Former Building 108
 (Concrete foundation remains)



Concrete Removal Area

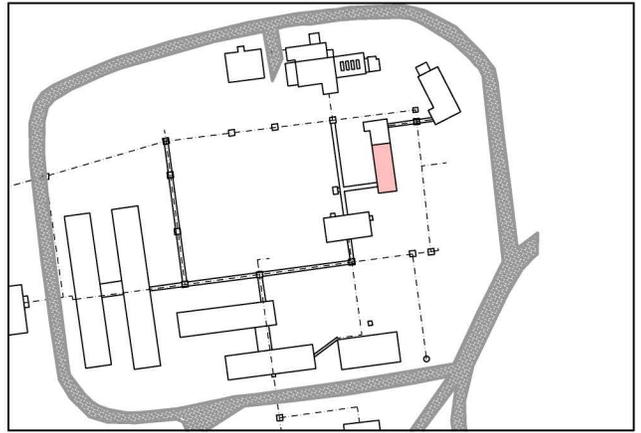
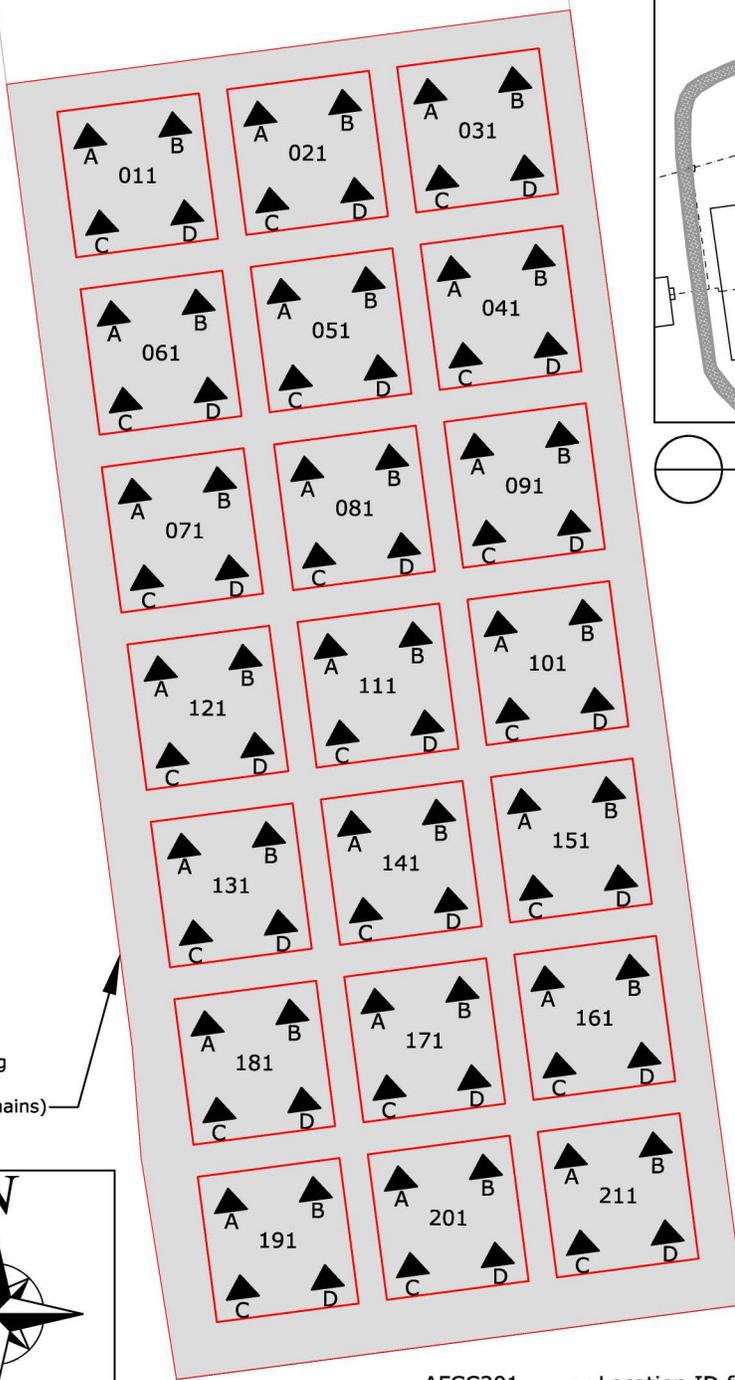
Legend

-  Collocated soil field screening and analytical sample
-  Upper layer of concrete demolished and disposed of in this area
- AFCC241** = Location ID for field screen sample only
- 05NECAFCC241** = Sample number for laboratory analysis
- bgs** = below ground surface
- mg/kg** = milligrams per kilogram
- <** = less than
- ND** = Not detected at or above concentration shown
- 221** = Composite concrete sample with location ID
- A** = Concrete powder field screening sample location where Ensys result less than 0.5mg/kg
-  = soil-concrete boundary
- '** = foot/feet

FIGURE 6-10
WHITE ALICE SITE REMOVAL ACTION
NORTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA
CONCRETE REMOVAL AND POWDER SAMPLE
LOCATIONS AT BUILDING 108

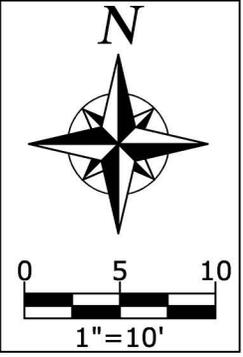
 <p>Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037</p>	DATUM: N/A	DATE <u>09/22/05</u>
	PROJECTION: N/A	DWN. <u>MTG</u>
	CONTRACT NO: DACA85-02-C-0011	SCALE <u>1"=10'</u>
		APPRVD. <u>SAJ</u>

Drawing: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\ACAD-ENV\PRO\TRANS_DEBRIS_REMOVAL\DWG\25037_RA_FIGS3THRU11.DWG - Layout: FIG6-11
 User: MGARCIA Mar 24, 2006 - 7:07am Xrefs: - Images: D1\CAL FIGURE 6-10.JPG FIGURE 6-11.JPG FIGURE 6-1A.JPG FIGURE 6-2.JPG FIGURE 6-3.JPG FIGURE 6-4.JPG FIGURE 6-5.JPG



SOIL EXCAVATION BUILDING 109
 SCALE: NTS

Former Building 109 (concrete foundation remains)



Concrete Removal Area

Sample Number	Aroclor-1260
05NECAFCC011	ND(0.0488mg/kg)
05NECAFCC021	ND(0.0481mg/kg)
05NECAFCC031	0.0248 J mg/kg
05NECAFCC041	ND(0.0509mg/kg)
05NECAFCC051	ND(0.0483mg/kg)
05NECAFCC061	ND(0.0489mg/kg)
05NECAFCC071	ND(0.0470mg/kg)
05NECAFCC081	ND(0.0503mg/kg)
05NECAFCC091	0.0445 J mg/kg
05NECAFCC101	ND(0.101mg/kg)
05NECAFCC111	ND(0.0506mg/kg)
05NECAFCC121	ND(0.0490mg/kg)
05NECAFCC131	ND(0.0493mg/kg)
05NECAFCC141	ND(0.0492mg/kg)
05NECAFCC151	ND(0.0501mg/kg)
05NECAFCC161	ND(0.0510mg/kg)
05NECAFCC171	ND(0.0510mg/kg)
05NECAFCC181	ND(0.0508mg/kg)
05NECAFCC191	ND(0.0502mg/kg)
05NECAFCC201	ND(0.0488mg/kg)
05NECAFCC211	ND(0.102mg/kg)

Legend

- AFCC201 = Location ID for field screen sample only
- 05NECAFCC011 = Sample number for laboratory analysis
- bgs = below ground surface
- mg/kg = milligrams per kilogram
- < = less than
- ND = Not detected at or above concentration shown
- Upper layer of concrete demolished and disposed of in this area
- = Composite concrete sample with location ID
- = Concrete powder field screening sample location where Ensys result less than 0.5mg/kg
- J = The associated value is an estimated quantity

FIGURE 6-11
 WHITE ALICE SITE REMOVAL ACTION
 NORTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA
 CONCRETE REMOVAL AND POWDER
 SAMPLE LOCATIONS AT BUILDING 109

Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037	DATUM: N/A	DATE <u>09/22/05</u>
	PROJECTION: N/A	DWN. <u>MTG</u>
	CONTRACT NO: DACA85-02-C-0011	SCALE <u>1"=10'</u>
		APPRVD. <u>SAJ</u>

APPENDIX A

Daily Quality Control Reports

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 001

Date or Time Period
Saturday June 25, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low:

Temp High:

Weather station not established. No weather readings taken today.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No
 N/A

Have samples been properly labeled and packaged? Yes No
 N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No

N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No

N/A

Health and Safety

Worker protection levels this date:

Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space?

Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health?

Yes No N/A

Were approved decontamination procedures used on workers and equipment as required?

Yes No N/A

Was a Job Safety Meeting held this day?

Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report)

Yes No N/A

Was hazardous waste/materials released into the environment?

Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
CL000103-Site 1 Mobilization	<ol style="list-style-type: none">1. 6 BEESC personnel (Goebel, MacDonald, Calugen, Whitmore, Beasley and Leach) arrived on site at approx. 1330 hrs. Crew arrived on Navaho. This was followed by a CASA load of freight and baggage at 1730 hrs.2. The Greta and barge Koyak arrived at Northeast Cape at 1730 hrs and unloading operations began at 1745 hrs. Unloading was finished at 2330 hrs and the end of the shift ended at 0200 hrs 6-26-05.3. All of the heavy equipment and the basic camp set up was received today.4. Total personnel on site: 6.

Manpower On Site

Personnel	Classification	Saturday	Hours	Off Island
BEESC		6-25-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent	13		
Hank Seipt	CQCSM			
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO			
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman	13		
Kim Leach	Driver/Operator	13		
Bill Thorton	Operator			
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic	13		
Troy Whitmore	Oiler/Mechanic	13		
Carl Calugen	Laborer Foreman	13		
Eugene Toolie	Laborer			
Sam Mokiuyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Toolie	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic			
ARCTIC CATERING				
Greg Swank	Camp Man./Cook			
Tim Gregory	Maintenance Personnel			
Jay Bird	Maintenance Personnel			
TERRA SURVEYS				
Jeffrey Bigelow	IT Project Manager			
Brandy Roberts	IT Tech			
Logan Thorton	IT Tech			
Brian Welsh	IT Tech			
Terrance Howland	Surveyor			
USACE				
Sam Mills	QAR			

Complete List of Equipment On Site

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100									
Chevy Blazer (QAR)	50-139									
GMC Extended Cab 4X4 Pickup	50-133									
GMC Sierra 1500 (CQC)	50-117									
Ford F150 XL Ext. Cab P/U (SSHO)	50-113									
Chevy Blazer 4X4	50-136									
Ford Super Crew Cab 4X4 Pickup	50-138									
GMC Crew Cab P/U	50-115									
Ottawa Yard Goat-5 th wheel	50-320									
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329									
Ford Utility/Mechanic Tk.	50-200									
Ford Lube/Fuel Tk	50-201									
Kenworth Tractor-5 th wheel	50-330									
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501									
Cat 988B loader w/bucket & forks	50-505									
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800									
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911									
Honda Rancher 4 Wheeler	50-912									
Honda Rancher 4 Wheeler	50-915									
Arctic Cat 4 Wheeler	50-917									
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200									
Hitachi EX120 Excavator	51-204									
Allmand 4kw Light Plant/Tower	52-112									
Allmand 4kw Light Plant/Tower	52-113									
10' X 70' Truck Scale & House	52-115									
McPhearson M30F Air Curtain	52-116									
ISO Tank Group 8ea Units	52-405									
Leroi Air Compressor	52-600									

Materials Received to be Used on or Incorporated into Site

Barge load of site/camp equipment, machinery, and full/empty connexes.

Instructions Given by _____ to BEESC (include names, reactions, and remarks.)

None.

Instructions Given by BEESC to Subcontractors (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: Site Mobilization, CL000103	----	----	

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Site Supt., Rollie Goebel, on site today with a crew of 5 BEESC employees (L.F. MacDonald-Op. Foreman, Carl Calugan-Laborer Foreman, Lim Leach-Operator, Rick Beasley-Mechanic, and Troy Whitmore-Oiler) in preparation of a Barge load of equipment reaching the Northeast Cape Site.
- All of the main camp pieces and all of the heavy equipment was received on site today.

Comments: None.

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date



June 26, 05

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature Date

Site Superintendent Signature Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily – Good idea . QAR reviewed this report on-site at St. Lawrence camp on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *AGE/QAR* *15 JULY '05*

QAR Signature Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/N E Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	
CL000501-5	Two 1 1/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 1 1/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	
CL000908-9	Marston matting. approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 1/2" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 1/2" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 002

Date or Time Period
Sunday June 26, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low:

Temp High:

Weather station not established. No weather readings taken today.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved?

Yes No N/A

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity?

Yes No

N/A

Have samples been properly labeled and packaged?

Yes No

N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No

N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No

N/A

Health and Safety

Worker protection levels this date:

Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space?

Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health?

Yes No N/A

Were approved decontamination procedures used on workers and equipment as required?

Yes No N/A

Was a Job Safety Meeting held this day?

Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report)

Yes No N/A

Was hazardous waste/materials released into the environment?

Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
CL00103-1Site Mobilization	<ol style="list-style-type: none"> 1. BEESC shift work started at 0800. 2. Mobilized the camp units from the beach to the airport. 3. 3 Kupik Arctic Catering personnel (Swank, Gregory and Bird) arrive on site at 1330 hrs. 4. BEESC personnel helped Arctic Catering set up camp units. Units were set by 1930 hrs. 5. Set and hooked up camp fuel tanks. 6. Camp's electrical system set up. 7. End of shift at 2130 hrs. 8. Total personnel on site: 9.

Manpower On Site

Personnel	Classification	Sunday	Hours	Off Island
BEESC		6-26-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent	13		
Hank Seipt	CQCSM			
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO			
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman	13		
Kim Leach	Driver/Operator	13		
Bill Thorton	Operator			
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic	13		
Troy Whitmore	Oiler/Mechanic	13		
Carl Calugen	Laborer Foreman	13		
Eugene Toolie	Laborer			
Sam Mokiuyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Sylvia Toolie	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic			
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Jay Bird	Camp Maintenance/Set Up		1 Day	
TERRA SURVEYS				
Jeffrey Bigelow	IT Project Manager			
Brandy Roberts	IT Tech			
Logan Thorton	IT Tech			
Brian Welsh	IT Tech			
Terrance Howland	Surveyor			
USACE				
Sam Mills	QAR			

Vehicle and Heavy Equipment On Site

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100									
Chevy Blazer (QAR)	50-139									
GMC Extended Cab 4X4 Pickup	50-133									
GMC Sierra 1500 (CQC)	50-117									
Ford F150 XL Ext. Cab P/U (SSHO)	50-113									
Chevy Blazer 4X4	50-136									
Ford Super Crew Cab 4X4 Pickup	50-138									
GMC Crew Cab P/U	50-115									
Ottawa Yard Goat-5 th wheel	50-320									
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329									
Ford Utility/Mechanic Tk.	50-200									
Ford Lube/Fuel Tk	50-201									
Kenworth Tractor-5 th wheel	50-330									
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501									
Cat 988B loader w/bucket & forks	50-505									
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800									
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911									
Honda Rancher 4 Wheeler	50-912									
Honda Rancher 4 Wheeler	50-915									
Arctic Cat 4 Wheeler	50-917									
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200									
Hitachi EX120 Excavator	51-204									
Allmand 4kw Light Plant/Tower	52-112									
Allmand 4kw Light Plant/Tower	52-113									
10' X 70' Truck Scale & House	52-115									
McPhearson M30F Air Curtain	52-116									
ISO Tank Group 8ea Units	52-405									
Leroi Air Compressor	52-600									

Materials Received to be Used on or Incorporated into Site

Barge load of site/camp equipment, machinery, and full/empty connexes.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact? Yes No

Are there any Government-caused delays or potential finding of fact? Yes No

Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: Site Mobilization, CL000103	----	----	

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Site Supt., Rollie Goebel, on site today with a crew of 5 BEESC employees (L.F. MacDonald-Op. Foreman, Carl Calugan-Laborer Foreman, Lim Leach-Operator, Rick Beasley-Mechanic, and Troy Whitmore-Oiler) in preparation of a Barge load of equipment reaching the Northeast Cape Site.
- All of the main camp pieces and all of the heavy equipment was received on site today.

Comments: None.

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date



6-27-05

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily – Good idea . QAR reviewed this report on-site on Fri., 15 July at St. Lawrence camp. As of this report, CLIN's 101 & 102 complete .

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ACEE* *15 JULY*
QAR *'05*

QAR Signature Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

<u>Reference (CLIN No.)</u>	<u>Activity</u>	<u>Location</u>	<u>Contractor/ Subcontractor</u>	<u>Complete/ % Complete</u>
<u>CL000101-1</u>	<u>Ice Recon flights</u>	<u>Nome</u>	<u>BEESC/Bering Air</u>	<u>100%</u>
<u>CL000102-1</u>	<u>Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.</u>	<u>Anchorage</u>	<u>BEESC</u>	<u>100%</u>
<u>CL000103-1</u>	<u>Mobilize from the Port of Anchorage to St. Lawrence Island.</u>	<u>Bering Sea</u>	<u>BEESC/Northlan d Barge</u>	
<u>CL000104-1</u>	<u>Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000105-1</u>	<u>Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.</u>	<u>Bering Sea</u>	<u>BEESC/Northlan d Barge</u>	
<u>CL000205-2</u>	<u>Pr-Mobilization Conference</u>	<u>Anchorage</u>	<u>BEESC</u>	
<u>CL000206-2</u>	<u>Surveys and Benchmarks</u>	<u>NE Cape</u>	<u>BEESC/Terra Surveyors</u>	
<u>CL000207-2</u>	<u>As-built surveys and final sample locations</u>	<u>NE Cape</u>	<u>BEESC/Terra Surveyors</u>	
<u>CL000211-2</u>	<u>Project Management</u>	<u>Anchorage/ NE Cape</u>	<u>BEESC</u>	
<u>CL000301-3</u>	<u>Work Site Access, Lower Mountain</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000302-3</u>	<u>Work Site access, Upper Mountain</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000401-4</u>	<u>Field Overhead, Including camp and other support.</u>	<u>NE Cape</u>	<u>BEESC/Others</u>	
<u>CL000501-5</u>	<u>Two 11/4" steel Tram cables. Above ground supported by tran towers.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000502-5</u>	<u>Two 11/4" steel cables. Some above grnd. And some on grnd. Surface.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000503-5</u>	<u>One 2" armored marine wire. Assume PCBs and asbestos.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000504-5</u>	<u>One 21/4" armored marine wire. Assume PCBs and asbestos.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000505-5</u>	<u>One line of 1/2" steel cable, attached to marine wire and to sup Towers.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000506-5</u>	<u>One line of 11/4" steel support cable.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000507-5</u>	<u>One 3/4" dia. Line. Indestructo P-106 BM</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000508-5</u>	<u>Wire bundle comprised of 3 wires plus steel cable. Cable is se ate. 3 lines of 1" dia. Cable. On grnd. Surface</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000509-5</u>	<u>One 1/2" steel cable. Attached to lines above. On grnd. Surface</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000510-5</u>	<u>Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000511-5</u>	<u>One 1/2" steel cable. Attached to lines above. On grnd. Surface</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000512-5</u>	<u>Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000513-5</u>	<u>One 1/2" steel cable. Attached to lines above. On grnd. Surface</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000514-5</u>	<u>One 11/4" dia. Steel cable.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000515-5</u>	<u>One 1/2" dia steel cable.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000516-5</u>	<u>Two 1/2" dia. Black wires.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000517-5</u>	<u>Four lines of approx. No. 14 black wire.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000518-5</u>	<u>Coiled Line comprised of 3-lines of 1" dia. Black wire.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000601-6</u>	<u>Tram Tower. Painted. Steel. Anchored to concrete pad.</u>	<u>NE Cape</u>	<u>BEESC</u>	

<u>Reference (CLIN No.)</u>	<u>Activity</u>	<u>Location</u>	<u>Contractor/ Subcontractor</u>	<u>Complete/ % Complete</u>
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
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CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
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CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500'	NE Cape	BEESC	

<u>Reference (CLIN No.)</u>	<u>Activity</u>	<u>Location</u>	<u>Contractor/ Subcontractor</u>	<u>Complete/ % Complete</u>
	north of AFS Ops.			
<u>CL000910-9</u>	<u>One strand of 1 1/2" dia. Armored cable. Bldg. 98 west 1000'.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000911-9</u>	<u>Eight strands of 1 1/2" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000912-9</u>	<u>Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000913-9</u>	<u>Galvanized steel antenna, 60' long. ±1300' SE of Site 24.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000914-9</u>	<u>Galvanized steel antenna, 60' long. ±1300' SE of Site 24.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL000915-9</u>	<u>Concrete pedestals, 20" X 20", Remove and bury at AFS area</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001001-10</u>	<u>Concrete transformer pad. W of Bldg. 110 slab.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001002-10</u>	<u>Concrete transformer pad. N end of Bldg. 110 slab.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001003-10</u>	<u>Concrete transformer pad. S end of Bldg. 110 slab.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001004-10</u>	<u>Concrete floor slab. S end of Bldg. 1001 MEC slab.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001101-11</u>	<u>Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001102-11</u>	<u>Same as above. Along beach in vicinity of the barge ramp.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001103-11</u>	<u>Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001104-11</u>	<u>Same as above. In former AFS Ops area.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001105-11</u>	<u>Same as above. In tundra Site 24.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001106-11</u>	<u>Same as above. In tundra Site 25.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001107-11</u>	<u>Same as above. In tundra Site31.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001108-11</u>	<u>Same as above. In tundra Site 32.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001401-14</u>	<u>Excavate soil to 0.05 bqs. Excavation 31A</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001402-14</u>	<u>Excavate soil to 0.5' bqs. Excavation 31B</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001403-14</u>	<u>Excavate soil to 0.5' bqs. Excavation 31C.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001404-14</u>	<u>Excavate soil to 1.0' bqs. Excavation 14A.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001405-14</u>	<u>Excavate soil to 0.5' bqs. Excavation 14B.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001406-14</u>	<u>Excavate soil to 2.5' bqs. Excavation 13A.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001407-14</u>	<u>Excavate soil to 4.5' bqs. Excavation 13B.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001601-16</u>	<u>PCB-Contaminated Concrete, Building 109.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001602-16</u>	<u>PCB-Contaminated Concrete, Building 108.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001603-16</u>	<u>PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.</u>	<u>NE Cape</u>	<u>BEESC</u>	
<u>CL001604-16</u>	<u>PCB-Contaminated concrete, CTP-3.</u>	<u>NE Cape</u>	<u>BEESC</u>	

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 003

Date or Time Period
Monday June 27, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low:

Temp High:

Weather station not established. No weather readings taken today.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No
 N/A

Have samples been properly labeled and packaged? Yes No
 N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No

N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No

N/A

Health and Safety

Worker protection levels this date:

Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space?

Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health?

Yes No N/A

Were approved decontamination procedures used on workers and equipment as required?

Yes No N/A

Was a Job Safety Meeting held this day?

Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report)

Yes No N/A

Was hazardous waste/materials released into the environment?

Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
CL00103-1Site Mobilization	<ol style="list-style-type: none"> 1. BEESC shift work started at 0700. 2. Mobilized some connexes and vehicles to the camp and shop area. 3. Dug in power and waste water lines. 4. Hooked up water system. 5. Bristol Endeavor and the barge Stony arrived at approximately 1800. 6. Finished unloading both sea vessels by approximately 2110. 7. Total personnel on site: 9.

Manpower On Site

Personnel	Classification	Monday	Hours	Off Island
BEESC		6-27-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		13	
Hank Seipt	CQCSM			
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO			
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		13	
Kim Leach	Driver/Operator		13	
Bill Thorton	Operator			
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic		13	
Troy Whitmore	Oiler/Mechanic		13	
Carl Calugen	Laborer Foreman		13	
Eugene Toolie	Laborer			
Sam Mokiyyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Toolie	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic			
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Jay Bird	Camp Maintenance/Set Up		1 Day	
TERRA SURVEYS				
Jeffrey Bigelow	IT Project Manager			
Brandy Roberts	IT Tech			
Logan Thorton	IT Tech			
Brian Welsh	IT Tech			
Terrance Howland	Surveyor			
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100									
Chevy Blazer (QAR)	50-139									
GMC Extended Cab 4X4 Pickup	50-133									
GMC Sierra 1500 (CQC)	50-117									
Ford F150 XL Ext. Cab P/U (SSHO)	50-113									
Chevy Blazer 4X4	50-136									
Ford Super Crew Cab 4X4 Pickup	50-138									
GMC Crew Cab P/U	50-115									
Ottawa Yard Goat-5 th wheel	50-320									
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329									
Ford Utility/Mechanic Tk.	50-200									
Ford Lube/Fuel Tk	50-201									
Kenworth Tractor-5 th wheel	50-330									
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501									
Cat 988B loader w/bucket & forks	50-505									
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800									
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911									
Honda Rancher 4 Wheeler	50-912									
Honda Rancher 4 Wheeler	50-915									
Arctic Cat 4 Wheeler	50-917									
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200									
Hitachi EX120 Excavator	51-204									

Materials Received to be Used on or Incorporated into Site

Miscellaneous site/Camp equipment and materials that arrived by barge.

Instructions Given by _____ to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact? Yes No

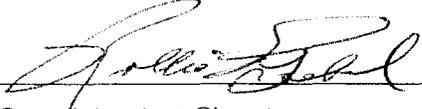
Are there any Government-caused delays or potential finding of fact? Yes No

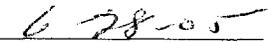
Are there any unforeseeable or weather-related delays? Yes No

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date


Site Superintendent Signature


Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A

Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily – Good idea. 2nd barge arrived today with more camp equipment and the sub-ktr Arctic Services camp support employees. QAR reviewed this report on-site at St. Lawrence camp, on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *ALOE/QAR* *15 JULY*
'05

QAR Signature Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/N E Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	
CL000501-5	Two 1 1/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 1 1/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 004

Date or Time Period
Tuesday June 28, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low:

Temp High:

Weather station not established. No weather readings taken today.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved?

Yes No N/A

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity?

Yes No N/A

Have samples been properly labeled and packaged?

Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No N/A

Health and SafetyWorker protection levels this date: Level B Level C Level D Modified Level D Was any work activity conducted within a confined space? Yes No N/A Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A Were approved decontamination procedures used on workers and equipment as required? Yes No N/A Was a Job Safety Meeting held this day? Yes No N/A Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
CL00103-1Site Mobilization	<ol style="list-style-type: none">1. BEESC shift work started at 0700 hrs.2. Work efforts started with mobbing equipment from the beach to the shop area.3. The tug Greta and the barge Koyak arrived at site at 1230 hrs. Finished unloading at 1600 hrs. Barge brought 96 connexes , additional vehicles, and the shop tent.4. Freight from the barge included one connex for Arctic Catering and one connex for Terra Communications, which were hauled to the camp area.5. Crew spent the remainder of the shift cleaning up around the Airport apron.6. End of shift was at 1830 hrs.7. Total personnel on site: 9.

Manpower On Site

Personnel	Classification	Tuesday	Hours	Off Island
BEESC		6-28-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent	11		
Hank Seipt	CQCSM			
Chuck Croley	Alt. CQCSM			
Toby Pederson	SSHO			
Larry Petersen	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman	11		
Kim Leach	Driver/Operator	11		
Bill Thorton	Operator			
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic	11		
Troy Whitmore	Oiler/Mechanic	11		
Carl Calugen	Laborer Foreman	11		
Eugene Toolie	Laborer			
Sam Mokiuyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Sylvia Toolie	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic			
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Jay Bird	Camp Set Up		1 Day	
TERRA SURVEYS				
Jeffrey Bigelow	IT Project Manager			
Brandy Roberts	IT Tech			
Logan Thorton	IT Tech			
Brian Welsh	IT Tech			
Terrance Howland	Surveyor			
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100									
Chevy Blazer (QAR)	50-139									
GMC Extended Cab 4X4 Pickup	50-133									
GMC Sierra 1500 (CQC)	50-117									
Ford F150 XL Ext. Cab P/U (SSHO)	50-113									
Chevy Blazer 4X4	50-136									
Ford Super Crew Cab 4X4 Pickup	50-138									
GMC Crew Cab P/U	50-115									
Ottawa Yard Goat-5 th wheel	50-320									
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329									
Ford Utility/Mechanic Tk.	50-200									
Ford Lube/Fuel Tk	50-201									
Kenworth Tractor-5 th wheel	50-330									
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501									
Cat 988B loader w/bucket & forks	50-505									
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800									
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911									
Honda Rancher 4 Wheeler	50-912									
Honda Rancher 4 Wheeler	50-915									
Arctic Cat 4 Wheeler	50-917									
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200									
Hitachi EX120 Excavator	51-204									

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: Site Mobilization, CL000103	----	----	

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Crew continued mobilization activities (site and camp set up). Third barge load of site and camp equipment and materials arrived and was offloaded.

Comments:

- None.
-

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date



6-29-05

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily. 96 connexes unloaded via barge today. QAR reviewed this report on-site on Fri., 15 July .

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ALB/QAR* *15 JULY '05*

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/N E Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 005

Date or Time Period
Wednesday June 29, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low:

Temp High:

Weather station not established. No weather readings taken today.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved?

Yes No N/A

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity?

Yes No N/A

Have samples been properly labeled and packaged?

Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No N/A

Health and SafetyWorker protection levels this date: Level B Level C Level D Modified Level D Was any work activity conducted within a confined space? Yes No N/A Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A Were approved decontamination procedures used on workers and equipment as required? Yes No N/A Was a Job Safety Meeting held this day? Yes No N/A Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
CL00103-1 Site Mobilization	<ol style="list-style-type: none">1. BEESC shift work started at 0700 hrs.2. Continued moving connexes and equipment off beach to camp and shop area.3. 2 IT personnel (Thorton and Roberts) arrived on site.4. 1 camp contractor personnel (Bird) left island.5. Built dikes for fuel cell in AFS Ops Area.6. Installed post for communication satellite dish.7. Total personnel on site: 10.

Manpower On Site

Personnel	Classification	Wednesday	Hours	Off Island
BEESC		6-29-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM			
Chuck Croley	Alt. CQCSM			
Toby Pederson	SSHO			
Larry Petersen	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator			
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer			
Sam Mokiuyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Sylvia Toolie	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic			
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Jay Bird	Camp Set Up			Today
TERRA SURVEYS				
Jeffrey Bigelow	IT Project Manager			
Brandy Roberts	IT Tech		1 Day	
Logan Thorton	IT Tech		1 Day	
Brian Welsh	IT Tech			
Terrance Howland	Surveyor			
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100									
Chevy Blazer (QAR)	50-139									
GMC Extended Cab 4X4 Pickup	50-133									
GMC Sierra 1500 (CQC)	50-117									
Ford F150 XL Ext. Cab P/U (SSHO)	50-113									
Chevy Blazer 4X4	50-136									
Ford Super Crew Cab 4X4 Pickup	50-138									
GMC Crew Cab P/U	50-115									
Ottawa Yard Goat-5 th wheel	50-320									
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329									
Ford Utility/Mechanic Tk.	50-200									
Ford Lube/Fuel Tk	50-201									
Kenworth Tractor-5 th wheel	50-330									
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501									
Cat 988B loader w/bucket & forks	50-505									
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800									
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911									
Honda Rancher 4 Wheeler	50-912									
Honda Rancher 4 Wheeler	50-915									
Arctic Cat 4 Wheeler	50-917									
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200									
Hitachi EX120 Excavator	51-204									

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: Site Mobilization, CL000103	----	----	

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Two IT personnel arrived to establish on site computer network system. IT personnel also installing TV satellite hook up to living quarters.
- Crew continued mobilization activities (site and camp set up).
- One camp contractor left island.

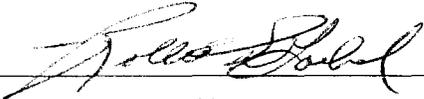
Comments:

- None.
-

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date



6-30-05

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily. Sub-ktr IT personnel on site for satellite tele-comm' set-up. QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *ACE* *QAR* *15 JULY*
'05

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/N E Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
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CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
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CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
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CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 006

Date or Time Period
Thursday June 30, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low:

Temp High:

No weather station established. No weather readings taken today.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: Yes. Preparatory Meeting for Removal of PCB-contaminated soil and concrete DFWs was complete with USACE and BEESC representatives in Fairbanks, AK.

Initial: No

Follow-up: No

Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved?

Yes No N/A

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity?

Yes No N/A

Have samples been properly labeled and packaged?

Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No N/A

Health and SafetyWorker protection levels this date: Level B Level C Level D Modified Level D Was any work activity conducted within a confined space? Yes No N/A Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A Were approved decontamination procedures used on workers and equipment as required? Yes No N/A Was a Job Safety Meeting held this day? Yes No N/A Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
CL00103-1 Mobilization	<ol style="list-style-type: none">1. BEESC shift work started at 0700 hrs.2. Installed padding and liner for fuel cell in AFS Ops area.3. Placed 8 tanks in fuel cell.4. Completed berming fuel cell and set up pumps for use.5. Hauled weigh scale from beach to shop area.6. Re-installed satellite dish for Arctic Catering.7. 1 IT personnel (Welsh) arrived on site.8. End of shift was at 1830 hrs.9. Total personnel on site: 11.

Manpower On Site

Personnel	Classification	Thursday	Hours	Off Island
BEESC		6-30-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM			
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO			
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator			
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer			
Sam Mokiyyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Sylvia Toolie	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic			
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Jeffrey Bigelow	IT Project Manager			
Brandy Roberts	IT Tech		1 Day	
Logan Thorton	IT Tech		1 Day	
Brian Welsh	IT Tech		1 Day	
Terrance Howland	Surveyor			
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100									
Chevy Blazer (QAR)	50-139									
GMC Extended Cab 4X4 Pickup	50-133									
GMC Sierra 1500 (CQC)	50-117									
Ford F150 XL Ext. Cab P/U (SSHO)	50-113									
Chevy Blazer 4X4	50-136									
Ford Super Crew Cab 4X4 Pickup	50-138									
GMC Crew Cab P/U	50-115									
Ottawa Yard Goat-5 th wheel	50-320									
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329									
Ford Utility/Mechanic Tk.	50-200									
Ford Lube/Fuel Tk	50-201									
Kenworth Tractor-5 th wheel	50-330									
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501									
Cat 988B loader w/bucket & forks	50-505									
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800									
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911									
Honda Rancher 4 Wheeler	50-912									
Honda Rancher 4 Wheeler	50-915									
Arctic Cat 4 Wheeler	50-917									
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200									
Hitachi EX120 Excavator	51-204									

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact? Yes No

Are there any Government-caused delays or potential finding of fact? Yes No

Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: Site Mobilization, CL000103	----	----	

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Crew continued mobilization activities (site and camp set up).None.

Comments:

- None.
-

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

7-1-05

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

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Date

Site Superintendent Signature

Date

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Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily. Project Pre-Performance Mtg is held at the US ACoE NAO Conference Room this morning, Fri., 30 June. As reported, a General Site Orientation and a Preparatory Planning Mtg for the removal of the contract-targeted PCB-contaminated soil and remaining concrete foundations were conducted after the Pre-Performance is held. This planning mtg is held so that the crew can commence this clean-up work on-island before the QAR can arrive to the site.

QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *ABE* *QAR* *15 JULY*
05

QAR Signature

Date

Supervisor's Initials

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CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

PREPARATORY INSPECTION CHECKLIST

CONTRACT NO: W911KB-04-C-0019

DATE: 06/30/2005

PROJECT: White Alice Tram and Debris Removal, Northeast Cape, St. Lawrence Island, Alaska

CLIN No: CLIN 0010 & 0016 Mitigate PCB-contaminated Concrete & Additional PCB-contaminated Concrete Mitigation; CLIN 0014 & 0015 Remove PCB-contaminated soil & Remove additional PCB-contaminated soil.

TASK ORDER: N/A

DEFINABLE FEATURE OF WORK: Removal of PCB-contaminated concrete for Disposal and excavate PCB-contaminated soil for disposal.

GOVERNMENT REPRESENTATIVE NOTIFIED 0 HOURS IN ADVANCE.

I. Persons Required To Attend

Name	Position	Company/Government
Sam Mills <i>(Signature)</i>	QAR	USACE
Steve Johnson <i>(Signature)</i>	Project Manager	BEESC
Rollie Goebel <i>(Signature)</i>	Site Supt.	BEESC
Hank Seipt <i>(Signature)</i>	CQCSM	BEESC
Chuck Croley <i>(Signature)</i>	Alt. CQCSM	BEESC
Toby Peterson <i>(Signature)</i>	SSHO	BEESC
Carl Calugan <i>(Signature)</i>	Labor Foreman	BEESC
L.F. Macdonald <i>(Signature)</i>	Foreman	BEESC

II. Contractor/Subcontractors Involved With Activity

- Business License on hand/Insurance @ BEESC office Insurance current & on hand? Yes
- _____ Insurance current & on hand? Yes
- _____ Insurance current & on hand?

III. Submittal Review

Have all transmittals been submitted and approved? Yes

What items are delinquent or awaiting comments/approval?

- All items and documents have been approved.
- _____
- _____
- _____

What items require re-submittal and why? _____

- An item not required for re-submittal, but that is a change to the plans is the USACE directed change to the Sampling Plan as related to PCB-contaminated soil.

2. CASE OR CHANGE : NEW TO SAP; SIGNED 6/30 A.M.

IV. Technical Specification Review

Have all paragraphs/technical requirements been covered?

Yes

Section – Sections covered in below stated scope.

Section –

Section –

List of items you want to ensure were covered:

1. Accident Prevention Plan of EM385-1-1 is in use on site.
2. Safety plan requires the wearing of reflective vests in addition to the normal safety gear of hardhats, safety shoes, and safety glasses for personnel working on the ground in the area of clearing.
3. Activity Hazard Analysis No. 4—Stained Soil & PCB Soil Removal and Disposal.
4. Activity Hazard Analysis No. 6—Concrete Pad testing and removal.
5. Site Safety & Health Plan, Page 7 Lines 8 & 13.
6. Site Safety & Health Plan, Page 12—Change in Site Safety & Health Officer from Hank Seipt to Toby Peterson.
7. Site Safety & Health Plan, Page 16, Section 4.1.1 Polychlorinated Biphenyls (Read)
8. Site Safety & Health Plan, Page 19, Section 4.2.1 Heavy Equipment Operation.
9. Site Safety & Health Plan, Page 19, Section 4.2.2 Vehicle Inspections.
10. Site Safety & Health Plan, Page 20, Section 4.2.4 Equipment and Vehicle Safe Work Practices.
11. Site Safety & Health Plan, Page 23, Section 4.2.10 Excavations and Earthwork.
12. Site Safety & Health Plan, Page 24, Section 4.2.11 Slips, Trips, & Falls.
13. Site Safety & Health Plan, Page 36, Section 4.4.6 PCB-Contaminated Soils Removal and Disposal.
14. Site Safety & Health Plan, Page 38, Section 4.4.10 Sampling.
15. Site Safety & Health Plan, Page 65, Section 9.0 Site Control Measures & Section 9.1 Work Zones.
16. P. 12 HANK E. WILL SHIFT FROM ~~SSHO~~ TO CQE; TOBY PETERSEN WILL BECOME ~~SSHO~~.

Work efforts to be accomplished:

1. Excavation of PCB-contaminated Soil: Survey of Sites to be excavated and sampled, excavate PCB-contaminated soil (to the extent specified in the Sampling & Analysis plan) and place in bins for disposal, soils to be weighed over truck scales, Environmental sampler to screen excavations to determine if further excavation is needed or if Laboratory samples should be collected, collect laboratory samples and ship, after laboratory confirmation excavations will be sampled.
2. PCB-contaminated concrete Mitigation: Determine the concrete pad thickness of all of the documented concrete pads. Determine if the concrete pads are to be removed or mitigated. Remove concrete and place in bins to be weighed for disposal, mitigate concrete to specified depths, screen concrete and if screening is within limits collect laboratory samples.

PREPARATORY INSPECTION CHECKLIST

V. List of Specific Construction Tolerances/Testing

1. Sampling & Analysis Plan lists, in depth the locations (to be located by a qualified surveyor), depths of excavations, and areas of concrete to be mitigated.

2. Sampling and Analysis Plan lists the sample screening tolerances, number of laboratory samples to be collected (including QA/QC) and depths of the excavations, as well as, the total tonnage of PCB-contaminated soil to be excavated.

3. Case No. 2, Modification P000, Chemistry & Site Visit Changes, list changes to excavation and sampling areas.

Are all reference publications/manufacturer's recommendations on hand and reviewed? _____ N/A

VI. Material/Equipment Review

Are all materials as submitted? _____ N/A
Do materials comply with Buy America Act? _____ N/A
Is equipment required? _____ Yes
Have equipment checklists been provided? _____ Yes

VII. Safety/Job Hazard Analysis

Was Hazard Analysis submitted for review prior to prep? _____ Yes
Are there additions for JHA and were they incorporated? _____ No
Are Material Safety Data Sheets on hand and reviewed? _____ Yes
Does Resident Office have copies of 1566 and insurance? _____ Yes
Have items in Site Safety Health Plan been reviewed? _____ Yes
Is there a confined space? _____ NO

VIII. Any Additional Concerns

Are there permits required for work? _____ No
Is notification for outage/work required? _____ No
What is time frame for any notifications? _____ N/A
What NAS Numbers are covered/used with this work? _____ Yes
Did CQC cover all elements on their checklists? _____ Yes
Has prep been completed successfully? _____ Yes

Quality Control Representative

Quality Assurance Representative

Activity Hazard Analysis No. 4 Stained Soil & PCB Soil Removal and Disposal		Analyzed By/Date: _____ Reviewed By/Date: _____
Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
General Activity	Slips, trips, falls Back Injury Crushing Injuries Dropped Objects Eye Injury / Hearing Loss Struck by equipment/objects Contact with or inhalation of hazardous materials	<ul style="list-style-type: none"> • Use care during foot travel, and clear the area of slip and trip hazards • Use barricades • Use guardrails • Cover holes. • Use proper lifting technique. • Buddy system for heavy lifts <i>FOR EVERYTHING</i> • Use lifting/transport equipment • Use caution when setting loads. • Machine guards/enclosures • Wear required PPE: <ul style="list-style-type: none"> ○ Hard Hat ○ Steel Toed Boots ○ Safety Glasses w/ side shields ○ Reflective Vest ○ Hearing Protection, as needed. • Use caution around equipment lift materials. • Wear required PPE. • Wear required PPE. • Wear required PPE • Backup Alarms on all equipment • Traffic control and Watchman • Limit personnel in area (site control) • Use impermeable PPE/Level C protection as warranted <p style="text-align: right;"><i>CONSCIOUS OF DUST CONTROL</i></p>

SAMPLING WILL BE SEPARATE FROM EXC.?"

Activity Hazard Analysis No. 4 Stained Soil & PCB Soil Removal and Disposal (cont.)		Analyzed By/Date: _____ Reviewed By/Date: _____
Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Equipment operations	Equipment Failure	<ul style="list-style-type: none"> • Inspect equipment prior to daily operation. • Ensure all roll cages and guards are in place and back up alarms operate • OEM equipment modifications <u>only</u>. • Machine guarding and enclosures
Vehicle Operation	Rollover Material Spill/Contact	<ul style="list-style-type: none"> • Stay within the speed limit specified. • Follow manufacturer's recommended payload. • Inspect containers before transport • Spill Kits • Use impermeable PPE/Level C protection as warranted
Equipment to be Used	Inspection Requirements	Training Requirements
Trucks, Hand Tools, Backhoes	Daily inspection of equipment prior to operation	<ul style="list-style-type: none"> • Utilize only trained and experienced operators for operation of equipment. • Site specific training – Toolbox safety meetings • 40 hr Hazwoper • HazCom Training

SOIL TO BE EMPLACED INTO CONTAINERS (BAKERS)
(NO SUPER-SACKS)

Activity Hazard Analysis No. 6 Concrete Pad Testing and Removal		Analyzed By/Date: _____ Reviewed By/Date: _____
Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Site Prep	Slips, trips, falls Back Injury Crushing Injuries Dropped Objects Eye Injury / Hearing Loss Contact with PCBs	<ul style="list-style-type: none"> • Use care during foot travel, and clear the area of slip and trip hazards • Use barricades • Use guardrails • Cover holes. • Use proper lifting technique. • Buddy system for heavy lifts • Use lifting/transport equipment • Use caution when setting loads. • Machine guards/enclosures • Wear required PPE: <ul style="list-style-type: none"> ○ Hard Hat ○ Steel Toed Boots ○ Safety Glasses w/ side shields ○ Reflective Vest ○ Hearing Protection, as needed. • Use caution around equipment lift materials. • Wear required PPE. • Wear required PPE. <i>SIDE SHIELDS TO EYE PROTⁿ.</i> • Wear required PPE • Use MSDS

Activity Hazard Analysis No. 6 Concrete Pad Testing and Removal (cont.)		Analyzed By/Date: _____ Reviewed By/Date: _____
Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Cutting/Grinding concrete	Flying Debris	<ul style="list-style-type: none"> • Isolate area (site control) • Wear face shield/eye protection • Wear required PPE (Level C) – combination HEPA/OV • Wear double hearing protection (muffs and plugs)
	Inhalation of mineral dusts Inhalation of PCBs	<ul style="list-style-type: none"> • Wear required PPE (Level C – combination HEPA/OV) • Wear required PPE (Level C – combination HEPA/OV)
Collection of PCB contaminated waste	Slips, trips, falls	<ul style="list-style-type: none"> • Use care during foot travel, and clear the area of slip and trip hazards • Use barricades • Use guardrails • Cover holes.
	Back Injury	<ul style="list-style-type: none"> • Use proper lifting technique. • Buddy system for heavy lifts • Use lifting/transport equipment
	Crushing Injuries	<ul style="list-style-type: none"> • Use caution when setting loads. • Machine guards/enclosures • Wear required PPE.
	Dropped Objects	<ul style="list-style-type: none"> • Use caution around equipment lift materials. • Wear required PPE.
	Contact with PCBs	<ul style="list-style-type: none"> • Wear required PPE • Use MSDS

MAJOR CONCRETE SECTIONS TO BE
FRACTURED FOR BAKER BOXES.

Activity Hazard Analysis No. 6 Concrete Pad Testing and Removal (cont.)		Analyzed By/Date: _____ Reviewed By/Date: _____
Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Collection of PCB contaminated waste (cont.)	Inhalation of PCB contaminated dusts Spill of waste material	<ul style="list-style-type: none"> Wear required PPE (Level C – combination HEPA/OV) <i>IF NO GRAZING, NO DUST CONCERN.</i> Spill Kits Minimize personnel in area (site control)
Equipment operations	Equipment Failure	<ul style="list-style-type: none"> Inspect equipment prior to daily operation. Ensure all roll cages and guards are in place and back up alarms operate OEM equipment modifications <u>only</u>. Machine guarding and enclosures
Equipment to be Used	Inspection Requirements	Training Requirements
Trucks, Hand Tools, Hammer Drill, Concrete grinder	Daily inspection of equipment prior to operation	<ul style="list-style-type: none"> Utilize only trained and experienced operators for operation of equipment. Site specific training – Toolbox safety meetings 40 hr Hazwoper HazCom Training

SAFETY INSPECTION FOR MISCELLANEOUS EQUIPMENT
U.S. Army Engineer District, New Orleans

Date of Inspection:

Contractor or Unit	Contract No. or Activity
Inspected by (Signature)	Witness (Signature)

EXCAVATION AND EMBANKMENT OPERATIONS

	Yes	No	N/A
NOTE: Safety and Health Requirements Manual (EM385-1-1) references in parentheses.			
1 When operations are near highways; are danger, caution, traffic control signs and/or signal lights provided? (Section 08) See Table 8-1			
2 Are signal persons in reflectorized apparel provided to direct operations? (08.B.08)			
3 Does all moving equipment being operated at night have adequate head and tail lights? (16.A.07)(b) and 16.A.11)			
4 Are adequate brakes provided on mobile equipment? (16.A.07 (d))			
5 Do hauling units have emergency braking systems, operated from operator's position, that works automatically when regular brakes fail? (16.A.07 (d))			
6 Does maintenance or slow moving equipment have a flashing light to warn other traffic? (16.A.13)			
7 Where metal scaffold towers are used, are they properly secured, plumb, rigidly braced, and resting on solid foundations? (21.A.07)			
8 Where traffic or personnel cross pits or excavations do bridges have adequate guard rails? (21.B.01 and 21.F.02)			
9 Are adequate haul roads provided for hauling units? (21.I)			
10 What means are used to control dust? (21.I.10) (f)			
11 Are bracing, shoring, cribbing inspected daily and after rains? (25.A.02 (a)			
12 Are the sides of excavations shored up or cut to angle or repose? (25.A.03 (a) (25.C)			
13 Is ground water and surface water adequately controlled to prevent its entering the excavation? 25.A.06)(a)			
14 Is wire netting, rock bolts, fencing, etc. used to prevent rock falls? (25.A.07 (a)			
15 Have all stumps, boulders, or other materials that might slide or roll into an excavation been removed or barricaded? (25.A.07 (b)			
16 Is excavated material stored and retained at least 2ft. from the excavation's edge? Is it placed at a safe distance so as to prevent overloading on the face of the excavation? (25.A.07 (c)			
17 Where vehicular or haulage traffic is near excavation, are adequate stop logs provided so as to prevent equipment from falling into excavation? (25.A.08) (a)			
18 Is safe access into excavations provided? (25.B.05) NOTE: Ramps, stairs or mechanical man hoists shall be used for depths over 20ft. Properly placed and constructed ladders as well as ramps, stairs, or mechanical man hoists may be used up to 20ft.			
19 Are at least two means of exit provided workers in excavations? (25.B.05 (a))			
20 Are adequate guard rails, barricades, lights and warnings provided as well as safe access? (25.B)			
21 Remarks			

SAFETY INSPECTION FOR MISCELLANEOUS EQUIPMENT
U.S. Army Engineer District, New Orleans

Date of Inspection:

Contractor or Unit	Contract No. or Activity
Inspected by (Signature)	Witness (Signature)

CRAWLER MOUNTED BACKHOES, POWER SHOVELS, EXCAVATORS, FRONT-END LOADERS		Yes	No	N/A
NOTE: Safety and Health Requirements Manual (EM385-1-1) references in parentheses.				
1	Is the unit equipped with a suitable fire extinguisher (5BC)? (16.A.26)			
2	Is a safe means of access to the cab provided (steps, grab bars, non-slip surfaces)? (16.B.03 (d))			
3	Is the operator protected against weather, falling or flying objects? (16.B.10 and 16.B.11)			
4	Are seat belts and adequate rollover protection provided where applicable? (16.B.08 & 16.B.12)			
5	Are sufficient lights provided for night operations? (16.A.11)			
6	Have brakes been tested and found satisfactory? (16.A.07 (d))			
7	Does the unit have an emergency brake system? (16.A.07 (d))			
8	Can the emergency system be activated from cab? (16.A.07 (d))			
9	Have air tanks been tested and certified? (20.A.01 (b) (c)			
10	Is an air pressure gage in working condition installed on the unit? (20.A.12)			
11	Does the air tank have an accessible drain valve? (20.B.18)			
12	Are the units equipped with windshield wipers, defrosting and defogging equipment that are in good operating condition? (16.A.07)(c)			
13	Is there an effective reverse signal where applicable? (16.B.01)			
14	Has the unit been inspected and certified mechanically safe by a qualified person before being placed in use? (16.A.01)			
15	Is the record of the test available? (16.A.01 (b))			
16	Are pressurized cylinders, actuating booms, outriggers, etc., equipped with pilot check valves? (20.A.17)			
17	Are only designated qualified operators being assigned to operate mechanized equipment? (16.A.04)			
18	Are fuel tanks located in a manner to prevent spills or overflows from running onto engine, exhaust, or electrical equipment? (16.B.04)			
19	Are exhaust discharges from equipment so directed that they do not endanger persons or obstruct the view of the operator? (16.B.05)			

REMARKS:

1 **2.4 TASK-SPECIFIC ACTIVITIES**

2 The Scope of Work requires that a variety of tasks and activities be accomplished for each of
3 the work sites. Those tasks and activities include the following:

- 4 ■ **Barge Loading and Unloading.** Excavated soil and demolition debris will be
5 packaged at the site in Conexes. Workers will remain at a safe distance during the
6 loading of these Conexes and will not stand under the loader or adjacent to the Conex
7 being loaded.
- 8 ■ **Concrete Pad Testing and Removal.** Concrete transformer pads are suspected of
9 containing PCBs from spills. PCB-contaminated concrete will be mechanically
10 removed to a depth of approximately 0.25 inch. Appropriate worker protection will be
11 required for this activity in accordance with the activity hazard analysis (AHA)
12 (Appendix A).
- 13 ■ **PCB Soil Removal and Disposal.** A limited amount of stained soil will be removed
14 and excavated during operations. The soil will be taken to a lined stockpile area
15 where it will be tested to determine disposal options in accordance with the EPP.
- 16 ■ **Cat Trail Repair.** The Cat Trail to the Upper Mountain is completely washed out in
17 one location and is in generally poor condition in many other sections. The trail must
18 be repaired to access the Upper Mountain with construction equipment, and significant
19 repair work is necessary. Because the Cat Trail is very steep and exceeds the EM 385-
20 1-1, Section 21.I.07b, maximum allowable grade of 10 percent, a waiver request was
21 submitted to the USACE to use the trail with the existing grades and has been
22 approved.
- 23 ■ **Debris Removal and Staging.** Many of the sites at the NE Cape facility have
24 miscellaneous debris ranging in size from very small to large items, such as old D-8
25 tractors. This debris will be collected manually and by using heavy equipment. Most
26 of the debris can be reached from existing roads; in some cases, it will be collected
27 after road improvement is completed. In instances where equipment is required for
28 debris removal in the tundra, low-ground-pressure equipment will be used. The debris
29 will be hauled to one or more staging areas, as directed by the WDP. Debris will be
30 wetted and covered as necessary before hauling to prevent visible emissions. Debris
31 will be placed in appropriate storage containers and staged at the Conex Storage Area
32 shown on Figure 11.
- 33 ■ **Water Collector Decommissioning.** Wells at the site will be decommissioned in
34 accordance with Alaska Department of Environmental Conservation procedures and
35 the WDP.
- 36 ■ **Tower Demolition.** Demolition of the tram system will involve special requirements
37 described in the WDP. These include specialized use of fall protection and use of
38 heavy equipment and/or vehicles on grades in excess of 10 percent, which is normally
39 prohibited by the USACE's EM 385-1-1. Because of the extreme slopes of the natural
40 terrain, which cannot be engineered to conform to the 10 percent slope rule, a waiver

1 contact by having the disposal crews wear chemical protective clothing and, if warranted, air-
2 purifying respirators. These personal protective controls will be applied to all situations
3 involving the handling of unknown materials.

4 OSHA Permissible Exposure Limits (PELs) and Threshold Limit Values (TLVs) established
5 by the American Conference of Governmental Industrial Hygienists (ACGIH) have been
6 identified in this SSHP for chemicals of concern that could present industrial hygiene hazards
7 to workers at the NE Cape site. Differences between exposure limits set by these two entities
8 will result in BEESC complying with the more restrictive limit(s).

9 **4.1.1 Polychlorinated Biphenyls**

10 PCB is a generic term for a range of polychlorinated biphenyl compounds used commercially
11 in heat transfer media and in the chemical/coatings industry. PCBs have been marketed
12 commercially under the trade names Askarel[®] and Aroclor[®] with a designation referring to
13 the percent weight of chlorine. Prolonged skin contact with PCBs may cause acne-like
14 symptoms, known as chloracne. Irritation to eyes, nose, and throat may also occur. Acute
15 and chronic exposure can cause liver damage and symptoms of edema, jaundice, anorexia,
16 nausea, abdominal pain, and fatigue. PCBs are a suspect carcinogen. Skin exposure may
17 contribute to uptake of these chemicals; therefore, skin exposure potential will be evaluated
18 and controlled. The likelihood of exposure should be minimal because of the extremely low
19 vapor pressure of PCBs, which prevents evaporation (and inhalation) of these compounds and
20 the fact that these compounds are insoluble in water. The primary route of potential exposure
21 for workers is anticipated to be through skin contact. Therefore, PPE will be in frequent use
22 to prevent contact with PCBs. At a minimum, workers are required to wear appropriate
23 gloves (latex or nitrile) when handling materials suspected of being contaminated with PCBs
24 or when sampling transformer pads. The PEL and TLV time-weighted average (TWA) for
25 PCBs with 54 percent chlorine content is 0.5 milligram per cubic meter (mg/m^3), while the
26 PEL and TLV TWA for PCBs with 42 percent chlorine is 1 mg/m^3 . Sources of PCBs include
27 fluorescent light ballasts, transformer oil, waste oil, tank sediments, and transformer pads.
28 There is also potential for PCB contamination in some painted surfaces.

1 associated with cold/hot work environments, noise, hand/arm vibration and ultraviolet (UV)
2 light.

3 **4.2.1 Heavy Equipment and Vehicle Operation**

4 Excavators, front-end loaders, haul trucks, graders, and other heavy equipment will be used
5 on this project to demolish the tram and power towers, excavate contaminated soil, construct
6 and repair roads, grade work areas, and remove debris. There is a potential for workers to be
7 struck by these vehicles or to be injured by contact with exposed mechanical parts (i.e., gears
8 and pulleys). In addition, there is a risk of vehicle accidents and of fire during refueling.
9 AHA 10 provides specific guidance for refueling of vehicles and equipment. The majority of
10 the fuels at the site will be diesel which has a low vapor pressure and is a relatively low fire
11 risk. To control these hazards, regulated work areas will be established around each job site,
12 and safe distances will be maintained between workers and mechanical equipment. Mobile
13 equipment will be equipped with backup alarms, and spotters will be used to direct equipment
14 operators, particularly when dumping soil and rock, operating cranes, and loading haul trucks.
15 In addition, all exposed gears and pulleys on mechanical equipment will be guarded to
16 eliminate pinch and grab hazards. Vehicles will be equipped with fire extinguishers, and
17 spill-control equipment will be available during refueling operations in case a fuel, hydraulic
18 fluid, or lubricant release occurs.

19 **4.2.2 Vehicle Inspections**

20 All equipment and vehicles brought to the job site will be inspected for structural integrity,
21 cleanliness, operational performance, and proper functioning of safety devices in accordance
22 with the manufacturers' specifications before being put into service. Equipment not
23 conforming to operational and safety requirements will be repaired and re-inspected. Daily
24 inspections of vehicles and heavy equipment will follow the requirements of the equipment
25 manufacturers and EM 385-1-1, Section 16. Inspection forms are included in Appendix C.

26 Industrial vehicles will have backup alarms, seat belts, brakes, and lights. The operator will
27 take out of service any equipment that does not comply with the manufacturer's

1 specifications. Deficiencies will be noted and referred to the SS, who, in turn, will ensure that
2 all repairs are made before the vehicle is returned to service.

3 **4.2.3 Operator Qualifications**

4 Equipment operators must be qualified to operate the specific type of equipment or vehicle to
5 which each has been assigned. In addition, each operator must be proficient in the type of
6 equipment he/she will be using. The SS will ensure that a proficiency test is administered to
7 each operator for each type of equipment operated. Equipment operators may also be
8 required to be certified to operate certain types of OSHA-regulated vehicles, such as forklifts.
9 The SS will maintain a list of each operator and the equipment the operator is qualified to
10 operate.

11 **4.2.4 Equipment and Vehicle Safe Work Practices**

12 Operators, drivers, and passengers must wear seat belts at all times. Drivers and operators
13 must comply with state regulations governing the safe and legal operation of vehicles. Each
14 driver is responsible for ensuring that passengers are seated and properly secured before
15 moving the vehicle. Under no circumstance will personnel ride on fenders, running boards, or
16 vehicle tops; in buckets; on the lift forks of a forklift; on beds of dump trucks or pickup
17 trucks; or in any other area where a passenger cannot be secured by a properly installed seat
18 belt. Operators of heavy equipment must follow the regulations specific for the type of
19 equipment they are operating. Operators and drivers will obey signs, postings, and
20 instructions.

21 Those personnel directly involved with spotting for an operator are typically the personnel
22 allowed on the ground in the vicinity of the heavy equipment. Other personnel will remain a
23 safe distance away from operations. Personnel needing to approach heavy equipment while
24 the equipment is operating will observe the following protocols:

- 25 ■ Make eye contact with the operator (and spotter),
- 26 ■ Signal the operator to cease heavy equipment activity, if applicable, and
- 27 ■ Approach the equipment operator and inform the operator of intentions.

1 use of “warm-up sheds” as necessary. The SSHO, for example, will monitor ambient
2 temperatures in the work area, track thermal workloads, and determine the need for personal
3 protective and administrative controls. In addition, all site workers will be instructed in the
4 recognition and control of thermal stress symptoms and in treatment procedures. To guard
5 against cold injury, appropriate clothing and warm shelters for rest periods will be provided.
6 ACGIH practices for cold stress will be implemented. A summary of the cold stress
7 prevention guidelines is provided as Appendix D. A copy of the ACGIH TLV handbook will
8 be available on site.

9 **4.2.9 Unexploded Ordnance/Explosives**

10 If unexploded ordnance (UXO) is found or suspected, workers will stop work and
11 immediately clear the area. The location of the UXO will be noted, and the SS will be
12 contacted for further instructions. Under no circumstances will suspected UXO locations be
13 left unmarked before workers leave the area.

14 **4.2.10 Excavations and Earthwork**

15 PCB-contaminated soils will be excavated at Site 31 (Figure 8) and in the AFS Ops Area
16 (Figure 9). Open excavations present a fall hazard to personnel and equipment working near
17 them. They can also collapse on and bury workers who enter them. To control these hazards,
18 soil conditions, excavation methods, and site entry/control will be closely monitored by the
19 SSHO.

20 Excavated soils will not be placed closer than 3 feet to the edge of an excavation, and
21 excavations greater than 4 feet in depth will be sloped 1.5 horizontal to 1 vertical as necessary
22 to ensure stability and prevent collapse. Under no circumstances will workers be allowed to
23 enter excavations deeper than 4 feet unless the excavations have been appropriately sloped. If
24 at all possible, work will be conducted in a manner that precludes the need for workers to
25 enter excavations, with the exception of soil sample collection. When sampling is necessary,
26 only trained workers will be used, and the SSHO will monitor the entire sampling activity.

1 **4.2.11 Slips, Trips, and Falls**

2 There is a potential for site personnel to fall off heavy equipment, ladders, towers, and other
3 structures, and to fall into open excavations. In addition, debris within the work area (i.e.,
4 drums, containers, building debris, abandoned equipment, etc.) could present a trip hazard for
5 site personnel. Also, the entire project site is subject to wet weather that makes most walking
6 surfaces slick and increases the potential for slips and falls.

7 These slip, trip, and fall hazards will be addressed by keeping the work area as free as
8 possible of debris and other litter. Before beginning site activities, the site will be inspected
9 for hazards. Removable objects that present hazards will be marked, and holes (if any) will
10 be covered or marked. Site workers will wear high-traction, steel-toed safety boots and will
11 pay careful attention to surface conditions to prevent slip, trip, and fall injuries. The work
12 area will be inspected before the start of each workday to identify any hazards that could
13 cause injury. The results of these inspections will be communicated to site personnel during
14 the daily toolbox safety meetings.

15 **4.2.12 Lockout/Tagout**

16 Portable electrical generators are used to supply power to the base camp and demolition
17 equipment. The generators will be maintained by site personnel, including a qualified
18 operator, as directed by the SS. There are no other sources of electrical energy at the job site,
19 besides the portable generators, that would require lockout/tagout. When it becomes
20 necessary to install or repair portable electrical power systems, appropriate lockout/tagout
21 protocols will be followed. Implementation of this lockout/tagout program will be
22 administered by the SSHO, in accordance with EM 385-1-1 and the BEESC Safety and
23 Health Program Manual.

24 **4.2.13 Hot Work**

25 Hot work is welding, cutting, open flame, grinding, or other spark-producing activities. Hot
26 work will be performed on a very limited basis at the NE Cape site. Hot work methods may
27 be necessary to support demolition of steel tram towers and may be used on an incidental

1 used to spread seed. Site workers will be advised to be aware of vehicular traffic and will be
2 required to wear reflective vests when working around equipment. Operators will be
3 informed daily and as often as necessary of the workers' whereabouts. Another physical
4 hazard is associated with lifting heavy bags of seed. Lifting bags weighing more than 60
5 pounds will require two workers. Workers will be instructed in proper lifting techniques to
6 minimize the potential for injury.

7 Site restoration will include the use of heavy equipment to blade out excavated terrain, debris
8 removal areas, and areas where demolition has taken place. Physical hazards associated with
9 this activity are posed by the use of heavy equipment in areas where workers are performing
10 specific tasks. All site workers will wear reflective vests to increase visibility while working
11 around heavy equipment. Workers will be trained about the operator's visibility limitations.
12 Operators will be informed daily and as often as necessary of the workers' whereabouts.
13 Manual lifting may be required during the site restoration activities. Site workers will be
14 trained in proper lifting techniques to minimize the potential for injury.

15 **4.4.6 PCB-contaminated Soils Removal and Disposal**

16 PC-contaminated soil will be removed and disposed of in accordance with the WDP. The
17 stained soil will be excavated manually and/or with heavy equipment, depending on the
18 quantity of soil. Workers will be trained about the operator's visibility limitations. Operators
19 will be informed daily and as often as necessary of the workers' whereabouts. A designated
20 transportation route will be established to isolate the area of vehicular traffic. This route will
21 be communicated to the site workers. Site workers will also wear reflective vests to increase
22 their visibility. Soil removed manually will be dug with shovels and placed in the appropriate
23 container. There is a potential for injury if proper lifting techniques are not used. The
24 workers will be trained in proper lifting techniques.

25 **4.4.7 Water Collector Decommissioning**

26 Water collector decommissioning will be performed in accordance with the WDP. The CMP
27 will be extracted with heavy equipment, and the void will be backfilled with borrow material.

1 spotter to ensure the material is placed on the barge correctly and the equipment does not
2 drive off the barge. The spotter will be in the line of sight of the operator for communication.

3 **4.4.10 Sampling**

4 Sampling activities will be performed in accordance with the SAP. Environmental samples
5 will be collected from different matrices. Hazards associated with sampling are primarily
6 chemical in nature and are discussed in Section 4.1 of this SSHP. The level of PPE used will
7 depend on the type and location of samples being collected. The physical hazards include
8 sprains and strains from improper lifting or overexertion and cuts from sharp metal edges, as
9 well as slips, trips, and falls. Sampling crews may be required to walk on uneven or slick
10 surfaces. Running and "horse play" will not be tolerated on site, and workers will "stop and
11 look" when entering a new area.

12 **4.4.11 Tram and Line Tower Demolition**

13 Tram tower demolition will be accomplished in accordance with the WDP. A crew from the
14 top of the mountain will access Tram Towers 5 through 7 in Debris Field No. 1. The towers
15 will be dropped using man-portable cutting equipment. Workers will use appropriate PPE
16 during cutting operations, and site access will be carefully controlled during tower dropping.

17 The downhill tower structural supports will be cut through near the concrete foundation pads.
18 With slight tension applied to a cable attached to the upper part of each tower, the uphill
19 tower structural supports will be cut through except for the flange of angle iron facing uphill.
20 A winch will pull the tower over as it pivots about the uphill flange. Once on the ground and
21 secure, the remaining flanges will be cut through. The debris will be winched up the
22 mountain where an excavator equipped with a hydraulic shear will cut the debris to size. It
23 will then be strapped into manageable bundles and loaded on tracked trailers. Strapping and
24 transport of the bundles will require protective measures similar to those to be applied during
25 debris pickup, as discussed in Section 4.4.1 of this SSHP.

9.0 SITE CONTROL MEASURES

9.1 WORK ZONES

Traditional hazardous waste operations work zones will be established when mitigating PCB-contaminated concrete and excavating PCB-contaminated soil. An EZ, a CRZ, and a support zone (SZ) will be established. An EZ is the area in which contamination and other site hazards are either known to be present or are likely to be present. A CRZ is the area in which hazardous substances are removed *located by survey of sites* from site personnel and their equipment as they exit the EZ. An SZ is a noncontaminated area in which support services, storage of nonhazardous materials, and administrative activities may occur. No smoking, eating, or drinking will be allowed within the EZs and CRZs. Signal cones, barricades, or other portable means will demarcate zones.

The configuration of the work zones will depend on the type of activity being performed. For most sites, the work zones will feature an EZ around the area to be remediated and/or sampled, a CRZ through which workers will pass and in which they will remove PPE and wash their boots, and an SZ or clean area. The configuration of these work zones may change on the basis of field findings.

Excavations and other hazards will be barricaded to prevent people and vehicles from entering work zones.

9.2 BUDDY SYSTEM

The buddy system will be employed at all times during site activities. Employees will be required to be within the visual or aural presence of at least one other person when in a designated work zone.

9.3 COMMUNICATIONS

A variety of communications systems will be used for on-site and off-site communication. These include hand radios, telephones, air horns, hand signals, and posting of information.

1 **3.4 SITE SAFETY AND HEALTH OFFICER, MR. HANK SEIPT**

2 The SSHO will be responsible for overall planning and compliance with safety and health
3 activities. He/she will conduct daily safety meetings and address worker safety concerns.
4 The SSHO will be responsible for communicating safety issues and concerns, and reporting
5 safety incidents to the SS and the Project Manager. The SSHO will be responsible for the
6 following:

- 7 ■ Assisting with on-site training and representing the SHM during the day-to-day on-site
8 implementation and enforcement of the SSHP; being present on site on a full-time
9 basis for the duration of field activities (the SSHO will have no duties other than
10 safety- and health-related duties; if operations are performed during more than one
11 work shift per day, an SSHO will be present for each shift);
- 12 ■ Ensuring site compliance with specified safety and health requirements; federal, state,
13 and OSHA regulations; and all aspects of the SSHP including, but not limited to,
14 AHA, air monitoring, use of PPE, decontamination, site control, standard operating
15 procedures used to minimize hazards, safe use of engineering controls, the Emergency
16 Response Plan, confined space entry procedures, the spill containment program, and
17 preparation of records by performing a daily safety and health inspection and
18 documenting results on the Daily Safety Inspection Log;
- 19 ■ Stopping work if unacceptable health or safety conditions exist, and taking necessary
20 action to re-establish and maintain safe working conditions;
- 21 ■ Consulting with and coordinating any modifications to the SSHP with the SHM, the
22 SS, and the Contracting Officer;
- 23 ■ Serving as a member of BEESC's QC staff on matters relating to safety and health,
24 conducting accident investigations, and preparing accident reports;
- 25 ■ Reviewing results of daily QC inspections and documenting safety and health findings
26 in the Daily Safety Inspection Log; and
- 27 ■ Recommending corrective actions for identified deficiencies, in coordination with site
28 management and the SHM, and overseeing the corrective actions.

29 **3.5 OCCUPATIONAL PHYSICIAN, DR. ALEXANDER T. BASKOUS**

30 The Occupational Physician (OP) designated by BEESC for the White Alice Tram and Debris
31 Removal project is Dr. Alexander T. Baskous. Dr. Baskous has been briefed about the project
32 hazards and the project scope. He will determine medical surveillance protocols and review
33 examination/test results performed in compliance with 29 CFR 1910.120(f) and 29 CFR
34 1926.65(f), Medical Surveillance. The OP has received a copy of the project specifications

SECTION 16

MACHINERY AND MECHANIZED EQUIPMENT

16.A GENERAL

16.A.01 Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested in accordance with the manufacturer's recommendations and requirements of this manual and shall be certified in writing by a competent person to meet the manufacturer's recommendations and requirements of this manual. Subsequent reinspections will be conducted at least annually thereafter. All safety deficiencies noted during the inspection shall be corrected prior to the equipment being placed in service at the project. If at anytime the machinery or mechanized equipment is removed and subsequently returned to the project (other than equipment removed for routine off-site operations as part of the project), it shall be reinspected and recertified prior to use.

a. The Contractor shall keep records of tests and inspections. These records shall be made available in a timely manner upon request of the GDA and, when submitted, shall become part of the official project file.

b. The Contractor shall provide the GDA ample notice in advance of any equipment entering the site so that he/she may observe the Contractor's inspection process and so that spot checks may be conducted.

16.A.02 Daily/shift inspections and tests.

a. All machinery and equipment shall be inspected daily (when in use) to ensure safe operating conditions. The employer shall designate competent persons to conduct the daily inspections and tests.

b. Tests shall be made at the beginning of each shift during which the equipment is to be used to determine that the brakes

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and operating systems are in proper working condition and that all required safety devices are in place and functional.

16.A.03 Whenever any machinery or equipment is found to be unsafe, or whenever a deficiency that affects the safe operation of equipment is observed, the equipment shall be immediately taken out of service and its use prohibited until unsafe conditions have been corrected.

- a. A tag indicating that the equipment shall not be operated, and that the tag shall not be removed, shall be placed in a conspicuous location on the equipment. **>See Section 8.** Where required, lockout procedures shall be used. **> See Section 12.**
- b. The tag shall remain in its attached location until it is demonstrated to the individual deadlining the equipment that it is safe to operate.
- c. When corrections are complete, the machinery or equipment shall be retested and re-inspected before being returned to service.

16.A.04 Machinery and mechanized equipment shall be operated only by designated qualified personnel.

- a. Machinery or equipment shall not be operated in a manner that will endanger persons or property nor shall the safe operating speeds or loads be exceeded.
- b. Getting off or on any equipment while it is in motion is prohibited.
- c. Machinery and equipment shall be operated in accordance with the manufacturer's instructions and recommendations.
- d. The use of headphones for entertainment purposes (e.g., AM/FM radio or cassette) while operating equipment is prohibited.

16.A.05 When the manufacturer's instructions or recommendations are more stringent than the requirements of this manual, the manufacturer's instructions or recommendations shall apply.

16.A.06 Inspections or determinations of road and shoulder conditions and structures shall be made in advance to assure that clearances and load capacities are safe for the passage or placing of any machinery or equipment.

16.A.07 Equipment requirements.

- a. Seats or equal protection must be provided for each person required to ride on equipment.
- b. Equipment operated on the highway shall be equipped with headlights, taillights, brake lights, backup lights, and turn signals that are visible from the front and rear.
- c. All equipment with windshields shall be equipped with powered wipers. Vehicles that operate under conditions that cause fogging or frosting of windshields shall be equipped with operable defogging or defrosting devices.
- d. Mobile equipment, operating within an off-highway job site not open to public traffic, shall have a service brake system and a parking brake system capable of stopping and holding the equipment while fully loaded on the grade of operation. In addition, it is recommended that heavy-duty hauling equipment have an emergency brake system that will automatically stop the equipment upon failure of the service brake system. This emergency brake system should be manually operable from the driver's position.

16.A.08 Maintenance and repairs.

- a. Maintenance, including preventive maintenance, and repairs shall be in accordance with the manufacturer's recommendations and shall be documented. Records of

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maintenance and repairs conducted during the life of a contract shall be made available upon request of the GDA.

b. All machinery or equipment shall be shut down and positive means taken to prevent its operation while repairs or manual lubrications are being done. Equipment designed to be serviced while running are exempt from this requirement.

c. All repairs on machinery or equipment shall be made at a location that will protect repair personnel from traffic.

d. Heavy machinery, equipment, or parts thereof that are suspended or held apart by slings, hoist, or jacks also shall be substantially blocked or cribbed before personnel are permitted to work underneath or between them.

16.A.09 Bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment shall be either fully lowered or blocked when being repaired or when not in use. All controls shall be in a neutral position, with the engines stopped and brakes set, unless work being performed on the machine requires otherwise.

16.A.10 Stationary machinery and equipment shall be placed on a firm foundation and secured before being operated.

16.A.11 All mobile equipment and the areas in which they are operated shall be adequately illuminated while work is in progress.

16.A.12 Equipment powered by an internal combustion engine will not be operated in or near an enclosed area unless adequate ventilation is provided to ensure the equipment does not generate a hazardous atmosphere.

16.A.13 All vehicles that will be parked or are moving slower than normal traffic on haul roads shall have a yellow flashing light or four-way flashers visible from all directions.

16.A.14 No one shall be permitted in the truck cab during loading operations except the driver, and then only if the truck has a cab protector. > **See also 18.B.17a.**

16.A.15 Mechanized equipment shall be shut down before and during fueling operations. Closed systems, with an automatic shut-off that will prevent spillage if connections are broken, may be used to fuel diesel powered equipment left running.

16.A.16 Towing.

- a. All towing devices used on any combination of equipment shall be structurally adequate for the weight drawn and securely mounted.
- b. Persons shall not be permitted to get between a towing vehicle and the piece of towed equipment until both have been completely stopped with all brakes set and wheels chocked on both vehicle and equipment.

16.A.17 All machinery or equipment operating on rails, tracks, or trolleys (except railroad equipment) shall be provided with substantial track scrapers or track clearers (effective in both directions) on each wheel or set of wheels.

16.A.18 Parking.

- a. Whenever equipment is parked, the parking brake shall be set.
- b. Equipment parked on an incline shall have the wheels chocked or track mechanisms blocked and the parking brake set.
- c. All equipment left unattended at night, adjacent to a highway in normal use or adjacent to construction areas where work is in progress, shall have lights or reflectors, or barricades equipped with lights or reflectors, to identify the location of the equipment.

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16.A.19 No modifications or additions that affect the capacity or safe operation of machinery or equipment shall be made without the manufacturer's written approval.

a. If such modifications or changes are made, the capacity, operation, and maintenance instruction plates, tags, or decals shall be changed accordingly.

b. In no case shall the original safety factor of the equipment be reduced.

16.A.20 Steering or spinner knobs shall not be attached to the steering wheel unless the steering mechanism prevents road reactions from causing the steering handwheel to spin. When permitted, the steering knob shall be mounted within the periphery of the wheel.

16.A.21 Safeguards shall be provided to prevent machinery and equipment operating on a floating plant from going into the water.
> **See also 16.F.06.**

16.A.22 All powered-industrial trucks shall meet the requirements of design, construction, stability, inspection, testing, maintenance, and operation defined in ANSI/ASME B56.1.

16.A.23 All powered-industrial trucks, lift trucks, stackers, and similar equipment shall have the rated capacity posted on the vehicle so as to be clearly visible to the operator. When the manufacturer provides auxiliary removable counterweights, corresponding alternate rated capacities also shall be clearly shown on the vehicle. The ratings shall not be exceeded.

16.A.24 Only trained and authorized operators shall be permitted to operate a powered-industrial truck. Training must be both classroom and practical operation of the same type of truck the student uses on the job. Training shall be provided in accordance with OSHA Standard 29 CFR 1910.178. The employer must certify that the operator has been trained and evaluated as required by the standard. The certification shall include the name of the operator,

the date of the training, the date of the evaluation, and the identity of the person(s) performing the training or evaluation. Refresher training shall be provided as indicated by the standard.

16.A.25 When a powered-industrial truck is left unattended, load engaging means shall be fully lowered, controls shall be neutralized, power shall be shut off, and brakes shall be set. Wheels shall be blocked if the truck is parked on an incline.

16.A.26 An overhead guard shall be used as protection against falling objects. It should be noted that an overhead guard is intended to offer protection from the impact of small packages, boxes, bagged material, etc., representative of the job application, but not to withstand the impact of a falling capacity load.

16.A.27 Dock board or bridge plates shall be properly secured before they are driven over. Dock board or bridge plates shall be driven over carefully and slowly and their rated capacity shall never be exceeded.

16.A.28 Under all travel conditions the powered-industrial truck shall be operated at a speed that will permit it to be brought to a stop in a safe manner.

16.A.29 On all grades the load and load engaging means shall be tilted back if applicable, and raised only as far as necessary to clear the road surface.

16.A.30 When ascending or descending grades in excess of 10%, loaded powered-industrial trucks shall be driven with the load upgrade.

16.A.31 The controls of loaders, excavators, or similar equipment with folding booms or lift arms shall not be operated from a ground position unless so designed.

16.A.32 Personnel shall not work in, pass under, or ride in the buckets or booms of loaders in operation.

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16.A.33 Tire service vehicles shall be operated so that the operator will be clear of tires and rims when hoisting operations are being performed. Tires large enough to require hoisting equipment will be secured from movement by continued support of the hoisting equipment unless bolted to the vehicle hub or otherwise restrained.
> **Also see 16.B.06.**

16.A.34 Each bulldozer, scraper, dragline, crane, motor grader, front-end loader, mechanical shovel, backhoe, and other similar equipment shall be equipped with at least one dry chemical or CO₂ fire extinguisher with a minimum rating of 5-B:C.

16.A.35 Fill hatches on water haul vehicles shall be secured or the opening reduced to a maximum of 8 in (20.3 cm).

16.B GUARDING AND SAFETY DEVICES

16.B.01 Reverse signal (back-up) alarm.

a. All self-propelled construction and industrial equipment, whether moving alone or in combination, shall be equipped with a reverse signal alarm. > **Equipment designed and operated so that the operator is always facing the direction of motion does not require a reverse signal alarm.**

b. Reverse signal alarms shall be audible and sufficiently distinct to be heard under prevailing conditions.

c. Alarms shall operate automatically upon commencement of backward motion. Alarms may be continuous or intermittent (not to exceed 3-second intervals) and shall operate during the entire backward movement.

d. Reverse signal alarms shall be in addition to requirements for signal persons.

16.B.02 A warning device or signal person shall be provided where there is danger to persons from moving equipment, swinging loads, buckets, booms, etc.

12/14 ?

16.B.03 Guarding.

- a. All belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts of equipment shall be guarded when exposed to contact by persons or when they otherwise create a hazard.
- b. All hot surfaces of equipment, including exhaust pipes or other lines, shall be guarded or insulated to prevent injury and fire.
- c. All equipment having a charging skip shall be provided with guards on both sides and open end of the skip area to prevent persons from walking under the skip while it is elevated.
- d. Platforms, foot walks, steps, handholds, guardrails, and toe boards shall be designed, constructed, and installed on machinery and equipment to provide safe footing and access ways.
- e. Equipment shall be provided with suitable working surfaces of platforms, guard rails, and hand grabs when attendants or other employees are required to ride for operating purposes outside the operator's cab or compartment. Platforms and steps shall be of nonskid material.
- f. Substantial overhead protection shall be provided for the operators of forklifts and similar material handling equipment.

16.B.04 Fuel tanks shall be located in a manner that will not allow spills or overflows to run onto engine, exhaust, or electrical equipment.

16.B.05 Exhaust or discharges from equipment shall be so directed that they do not endanger persons or obstruct the view of the operator.

16.B.06 A safety tire rack, cage, or equivalent protection shall be provided and used when inflating, mounting, or dismounting tires

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installed on split rims, or rims equipped with locking rings of similar devices. > **Also see 16.A.33.**

16.B.07 No guard, safety appliance, or device shall be removed from machinery or equipment, or made ineffective, except for making immediate repairs, lubrications, or adjustments, and then only after the power has been shut off. All guards and devices shall be replaced immediately after completion of repairs and adjustments and before power is turned on.

16.B.08 Seatbelts and anchorages meeting the requirements of 49 CFR 571 shall be installed and worn in all motor vehicles (installation and usage on buses is optional). Two-piece seat belts and anchorages for construction equipment shall comply with applicable Federal specifications or Society of Automotive Engineers (SAE) Standard J386.

16.B.09 All high rider industrial trucks shall be equipped with overhead guards that meet the structural requirements defined in paragraph 4.21 of ANSI/ASME B56.1.

16.B.10 Suitable protection against the elements, falling or flying objects, swinging loads, and similar hazards shall be provided for operators of all machinery or equipment. Glass used in windshields or cabs shall be safety glass.

16.B.11 Falling object protective structures (FOPS).

a. All bulldozers, tractors, or similar equipment used in clearing operations shall be provided with guards, canopies, or grills to protect the operator from falling and flying objects as appropriate to the nature of the clearing operations.

b. FOPS for other construction, industrial, and grounds-keeping equipment will be furnished when the operator is exposed to falling object hazards.

c. FOPS will be certified by the manufacturer or a licensed engineer as complying with the applicable recommended practices of SAE Standards J231 and J1043.

16.B.12 Rollover protective structures (ROPS).

a. In addition to the requirements of 16.B.08 and 16.B.11, seat belts and ROPS shall be installed on:

- (1) Crawler and rubber-tire tractors including dozers, push and pull tractors, winch tractors, and mowers;
- (2) Off-the-highway self-propelled pneumatic-tire earth movers such as trucks, pans, scrapers, bottom dumps, and end dumps;
- (3) Motor graders;
- (4) Water tank trucks having a tank height less than the cab; and
- (5) Other self-propelled construction equipment such as front-end loaders, backhoes, rollers, and compactors.

b. ROPS are not required on:

- (1) Trucks designed for hauling on public highways;
- (2) Crane-mounted dragline backhoes;
- (3) Sections of rollers and compactors of the tandem steel-wheeled and self-propelled pneumatic tired type that do not have an operator's station;
- (4) Self-propelled, rubber-tired lawn and garden tractors and side boom pipe laying tractors operated solely on flat terrain (maximum 10° slope; 20° slope permitted when off-loading from a truck) not exposed to rollover hazards; and

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(5) Cranes, draglines, or equipment on which the operator's cab and boom rotate as a unit.

c. ROPS may be removed from certain types of equipment when the work cannot be performed with the ROPS in place and when ROPS removal is justified and delineated in an AHA and accepted in writing by the GDA.

d. The operating authority shall furnish proof from the manufacturer or certification from a licensed engineer that the ROPS complies with SAE Standards J167, J1040, J1042, J1084, and J1194, as applicable.

e. ROPS shall also be acceptable if they meet the criteria of any State that has a Department of Labor approved OSHA program or meet Water and Power Resources Service requirements.

f. The following information permanently affixed to the ROPS is acceptable in lieu of a written certification:

(1) Manufacturer's or fabricator's name and address;

(2) ROPS model number, if any; and

(3) Machine make, model, or series number that the structure is designed to fit.

g. Field welding on ROPS shall be performed by welders who are certified by the contractor as qualified in accordance with ANSI/AWS D1.1, Naval Sea Systems Command (NAVSEA) S9074-AQ-GIB-010/248, or the equivalent.

16.B.13 All points requiring lubrication during operation shall have fittings so located or guarded to be accessible without hazardous exposure.

16.B.14 All machinery or equipment and material hoists operating on rails, tracks, or trolleys shall have positive stops or limiting devices either on the equipment, rails, tracks, or trolleys to prevent overrunning safe limits.

16.B.15 Under the following circumstances, long-bed end-dump trailers used in off-road hauling should be equipped with a roll-over warning device. The device should have a continuous monitoring display at the operator station to give the operator a quick and easily read indicator and audible warning of an unsafe condition.

- a. The material being dumped is subject to being stuck or caught in the trailer rather than exiting the bed freely, and
- b. The dumpsite cannot be maintained in a nominally level condition (lateral slope less than 1° - 2°).

16.C CRANES AND DERRICKS - GENERAL

16.C.01 Unless otherwise specified, the requirements of this Section are applicable to all cranes and derricks of the types listed in Table 16-1.

16.C.02 Every crane shall have the following documents with them (in the cab) at all times they are to be operated:

- a. A copy of the operating manual developed by the manufacturer for the specific make and model of the crane; a copy of the operating manual for any crane operator aids with which the crane is equipped.
- b. A copy of the load-rating chart for the crane/derrick in use (separate or included in the operating manual), which shall include:

- (1) The crane make and model, serial number, and year of manufacturer;

SECTION 25

EXCAVATIONS

25.A GENERAL

25.A.01 Planning.

N/A

a. Prior to opening an excavation, underground installations (e.g., sewer, communication lines, water, fuel, electric lines) shall be located and protected from damage or displacement. Utility companies and other responsible authorities shall be contacted to locate and mark the locations and, if they so desire, direct or assist with protecting the underground installations. When required, the Contractor shall obtain a "Digging Permit" (excavation permit) from Base Civil Engineers or other authority having jurisdiction prior the initiation of any excavation work. Requests for the permits will be processed through the GDA.

b. Where excavations are to be performed in areas known or suspected to be contaminated with explosives, unexploded munitions, or military ordnance, surface and subsurface clearance by qualified explosive ordnance disposal (EOD) personnel shall be accomplished prior to excavation work.

25.A.02 Excavation inspection and testing.

a. When persons will be in or around an excavation, a competent person shall inspect the excavation, the adjacent areas, and protective systems daily, as needed throughout the work shifts, and after every rainstorm or other hazard-increasing occurrence.

b. If evidence of a situation that could result in possible cave-ins, slides, failure of protective systems, hazardous atmospheres, or other hazardous condition is identified, exposed workers shall be removed from the hazard and all work

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in the excavation stopped until all necessary safety precautions have been implemented.

c. In locations where oxygen deficiency or gaseous conditions are known or suspected, air in the excavation shall be tested prior to the start of each shift or more often if directed by the GDA. A log of all test results shall be maintained at the work site. > **See Sections 5 and 6.**

25.A.03 Protective systems.

a. The sides of all excavations in which employees are exposed to danger from moving ground shall be guarded by a support system, sloping or benching of the ground, or other equivalent means.

4' state of AK

b. Excavations less than 5 ft (1.5 m) in depth and which a competent person examines and determines there to be no potential for cave-in do not require protective systems.

c. Sloping or benching of the ground shall be in accordance with 25.C.

d. Support systems shall be in accordance with 25.D.

e. Protective systems shall have the capacity to resist without failure all loads that are intended or could reasonably be expected to be applied to the system.

f. Shoring shall be used for unstable soil or depths >5 ft (>1.5 m) unless benching, lay-back, or other acceptable plan is implemented by the Contractor.

25.A.04 Stability of adjacent structures. *N/A*

a. Except in stable rock, excavations below the level of the base of footing of any foundation or retaining wall shall not be permitted unless:

(1) A support system, such as underpinning, is provided to ensure the stability of the structure and to protect employees involved in the excavation work or in the vicinity thereof; or

(2) A registered professional engineer has approved the determination that the structure is sufficiently removed from the excavation so as to be unaffected by the excavation and that the excavation will not pose a hazard to employees.

b. If the stability of adjoining buildings or walls is endangered by excavations, shoring, bracing, or underpinning designed by a qualified person shall be provided to ensure the stability of the structure and to protect employees.

c. Sidewalks, pavements, and related structures shall not be undermined unless a support system is provided to protect employees and the sidewalk, pavement, or related structure.

25.A.05 Where it is necessary to undercut the side of an excavation, overhanging material shall be safely supported.

25.A.06 Protection from water.

a. Diversion ditches, dikes, or other means shall be used to prevent surface water entering an excavation and to provide good drainage of the area adjacent to the excavation.

b. Employees shall not work in excavations in which there is accumulated water or in which water is accumulating unless the water hazards posed by accumulation is controlled.

(1) Freezing, pumping, drainage, and similar control measures shall be planned and directed by a registered engineer. Consideration shall be given to the existing moisture balances in surrounding soils and the effects on foundations and structures if it is disturbed.

(2) When continuous operation of ground water control equipment is necessary, an emergency power source shall

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be provided. Water control equipment and operations shall be monitored by a competent person to ensure proper operation.

25.A.07 Protection from falling material.

a. Employees shall be protected (by scaling, ice removal, benching, barricading, rock bolting, wire mesh, or other means) from loose rock or soil that could create a hazard by falling from the excavation wall: special attention shall be given to slopes that may be adversely affected by weather, moisture content, or vibration.

b. Materials, such as boulders or stumps, that may slide or roll into the excavation shall be removed or made safe.

c. Excavated material shall be placed at least 2 ft (0.6 m) from the edge of an excavation or shall be retained by devices that are sufficient to prevent the materials from falling into the excavation. In any case, material shall be placed at a distance to prevent excessive loading on the face of the excavation.

Most will be placed in containers.

25.A.08 Mobile equipment and motor vehicle precautions.

a. When vehicles or mobile equipment are used or allowed adjacent to an excavation, substantial stop logs or barricades shall be installed. The use of a ground guide is recommended.

b. Workers shall stand away from vehicles being loaded or unloaded to avoid being struck by spillage or falling materials.

c. Excavating or hoisting equipment shall not be allowed to raise, lower, or swing loads over personnel in the excavation without substantial overhead protection.

Excavation Controlled

25.A.09 Employees shall not be permitted to work on the faces of sloped or benched excavations at levels above other employees except when employees at lower levels are adequately protected from the hazard of falling material or equipment.

25.A.10 When operations approach the location of underground utilities, excavation shall progress with caution until the exact location of the utility is determined. Workers shall be protected from the utility and the utility shall be protected from damage or displacement.

25.A.11 Employees shall wear a harness with a lifeline securely attached to it when entering excavations classified as confined spaces or that otherwise present the potential for emergency rescue. > **See 5.F.**

25.B SAFE ACCESS

25.B.01 Protection shall be provided to prevent personnel, vehicles, and equipment from falling into excavations. Protection shall be provided according to the following hierarchy. > **See Appendix Q for definitions of Class I, Class II, and Class III perimeter protection.**

- a. If the excavation is exposed to members of the public (e.g., other than those individuals engaged in project-specific work at the site) or vehicles or equipment, then Class I perimeter protection is required;
- b. If the excavation does not meet the requirements for Class I perimeter protection but is (1) routinely exposed to employees, and (2) either is deeper than 6 ft (1.8 m) or contains hazards (e.g., impalement hazards, hazardous substances), then Class II perimeter protection is the minimum protection required. When workers are in the zone between the warning barricades/flagging and the excavation, they shall be provided with fall protection as specified in Section 21;
- c. If the excavation does not meet the requirements for either Class I or Class II perimeter protection, then Class III perimeter protection is the minimum protection required.

25.B.02 All wells, calyx holes, pits, shafts, etc., shall be barricaded or covered.

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25.B.03 Excavations shall be backfilled as soon as possible. Upon completion of exploration and similar operations, test pits, temporary wells, calyx holes, etc., shall be backfilled immediately.

Sites to remain open until lab confirmation. Keep up demarcation zones

25.B.04 Walkways or bridges with standard guardrails shall be provided where people or equipment are required or permitted to cross over excavations.

25.B.05 Where personnel are required to enter excavations over 4 ft (1.2 m) in depth, sufficient stairs, ramps, or ladders shall be provided to require no more than 25 ft (7.6 m) of lateral travel.

a. At least two means of exit shall be provided for personnel working in excavations. Where the width of the excavation exceeds 100 ft (30.4 m), two or more means of exit shall be provided on each side of the excavation.

b. When access to excavations in excess of 20 ft (6 m) in depth is required, ramps, stairs, or mechanical personnel hoists shall be provided.

25.B.06 Ramps. > **See 21.B and 21.F**

a. Ramps used solely for personnel access shall be a minimum width of 4 ft (1.2 m) and provided with standard guardrails.

b. Ramps used for equipment access shall be a minimum width of 12 ft (3.6 m). Curbs not less than 8-in x 8-in (20.3-cm x 20.3-cm) timbers, or equivalent protection, shall be provided. Equipment ramps shall be designed and constructed in accordance with accepted engineering practice.

25.B.07 Ladders used as accessways shall extend from the bottom of the excavation to not less than 3 ft (0.9 m) above the surface.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 007

Date or Time Period
Friday July 1, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low:

Temp High:

Weather station not established. No weather readings taken today.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

- Worker protection levels this date: Level B Level C Level D Modified Level D
- Was any work activity conducted within a confined space? Yes No N/A
- Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A
- Were approved decontamination procedures used on workers and equipment as required? Yes No N/A
- Was a Job Safety Meeting held this day? Yes No N/A
- Were there any "Lost Time" accidents this day? (if YES, attach copy of completed accident report) Yes No N/A
- Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
CL00103-1 Site Mobilization	<ol style="list-style-type: none"> 1. BEESC shift work started at 0700 hrs. 2. Continued mobilization and equipment/camp set up. 3. Built containment around fuel tanks in camp. 4. 4 BEESC personnel (Seipt, Croley, Thorton and Petersen) and one Fairweather personnel (Leslie) arrive on site. 5. 2 Terra personnel (Roberts and Thorton) depart site. 6. Reworked beach road with D8. 7. End of shift was at 1830 hrs. 8. Total personnel on site: 14.

Manpower On Site

Personnel	Classification	Friday	Hours	Off Island
BEESC		7-1-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		4	
Chuck Croley	Alt. CQCSM		4	
Toby Petersen	SSHO		4	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		4	
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer			
Sam Mokiyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Sylvia Toolie	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1/2 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Jeffrey Bigelow	IT Project Manager			
Brandy Roberts	IT Tech			Today
Logan Thorton	IT Tech			Today
Brian Welsh	IT Tech		1 Day	
Terrance Howland	Surveyor			
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100									
Chevy Blazer (QAR)	50-139									
GMC Extended Cab 4X4 Pickup	50-133									
GMC Sierra 1500 (CQC)	50-117									
Ford F150 XL Ext. Cab P/U (SSHO)	50-113									
Chevy Blazer 4X4	50-136									
Ford Super Crew Cab 4X4 Pickup	50-138									
GMC Crew Cab P/U	50-115									
Ottawa Yard Goat-5 th wheel	50-320									
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329									
Ford Utility/Mechanic Tk.	50-200									
Ford Lube/Fuel Tk	50-201									
Kenworth Tractor-5 th wheel	50-330									
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501									
Cat 988B loader w/bucket & forks	50-505									
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800									
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911									
Honda Rancher 4 Wheeler	50-912									
Honda Rancher 4 Wheeler	50-915									
Arctic Cat 4 Wheeler	50-917									
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200									
Hitachi EX120 Excavator	51-204									

Materials Received to be Used on or Incorporated into Site

Miscellaneous air cargo and crew personnel items.

Instructions Given by the Government, to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: Site Mobilization, CL000103	----	----	

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Four BEESC personnel and one Fairweather medical personnel arrived. Two IT technicians left the island.
- Computer system installation completed. Crew continued mobilization activities (site and camp set up). Office set up initiated.

Comments:

- None.
-

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily. A sub-ktr Fairweather Medical P.A. is on-site; 4 BEESC personnel inclusive of the CQCSM & CQC Officer, and SS&HO. QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *ABE/QAR* *15 JULY '05*

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/N E Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grnd. And some on grnd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 008

Date or Time Period
Saturday July 2, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low:

Temp High:

Weather station not established. No weather readings taken today.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and SafetyWorker protection levels this date: Level B Level C Level D Modified Level D Was any work activity conducted within a confined space? Yes No N/A Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A Were approved decontamination procedures used on workers and equipment as required? Yes No N/A Was a Job Safety Meeting held this day? Yes No N/A Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Site orientation meeting completed for all on-island personnel.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
CL00103-1 Site Mobilization	<ol style="list-style-type: none">1. BEESC shift work started at 0700 hrs.2. Continued site mobilization and camp set up.3. 1 Surveyor (Howland) arrived.4. Total personnel on site: 15.

Manpower On Site

Personnel	Classification	Saturday	Hours	Off Island
BEESC		7-2-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM		11	
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer			
Sam Mokiyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Sylvia Toolie	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Jeffrey Bigelow	IT Project Manager			
Brian Welsh	IT Tech		1 Day	
Terrance Howland	Surveyor		1/2 Day	
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100									
Chevy Blazer (QAR)	50-139									
GMC Extended Cab 4X4 Pickup	50-133									
GMC Sierra 1500 (CQC)	50-117									
Ford F150 XL Ext. Cab P/U (SSHO)	50-113									
Chevy Blazer 4X4	50-136									
Ford Super Crew Cab 4X4 Pickup	50-138									
GMC Crew Cab P/U	50-115									
Ottawa Yard Goat-5 th wheel	50-320									
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329									
Ford Utility/Mechanic TK.	50-200									
Ford Lube/Fuel Tk	50-201									
Kenworth Tractor-5 th wheel	50-330									
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501									
Cat 988B loader w/bucket & forks	50-505									
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800									
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911									
Honda Rancher 4 Wheeler	50-912									
Honda Rancher 4 Wheeler	50-915									
Arctic Cat 4 Wheeler	50-917									
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200									
Hitachi EX120 Excavator	51-204									

Materials Received to be Used on or Incorporated into Site

Parts for satellite dish arrived via air. One surveyor arrived.

Instructions Given by _____ to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact? Yes No

Are there any Government-caused delays or potential finding of fact? Yes No

Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: Site Mobilization, CL000103	---	---	

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Feeder horn to internet satellite broken. Waiting on part to get internet and phone lines up and running. Part for satellite dish (TV) arrived.
- Crew continued mobilization activities (site and camp set up). Continued office set up.
- One surveyor arrived on island.

Comments:

- None.
-

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Harry M. Seipt
CQCSM Signature

7/4/05
Date

Rolfe Goodal
Site Superintendent Signature

7-3-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily. More satellite dish parts arrive; A sub-ktr surveyor is on-site. QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ACE/QAR* *15 JULY*
'05

QAR Signature Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/N E Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grnd. And some on grnd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 009

Date or Time Period
Sunday July 3, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 40-45 Temp High: 50-55
 Weather station established.
 AM/PM: Low cloud cover and sustained winds of 10-20 MPH throughout day.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
CL00103-1 Site Mobilization	<ol style="list-style-type: none">1. BEESC shift work started at 0700 hrs.2. Surveyor established corners and perimeter of soil excavation sites.3. Day off for labor crew.4. SSHO and CQC paper work day.5. Total personnel on site: 15.

Manpower On Site

Personnel	Classification	Sunday	Hours	Off Island
BEESC		7-3-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent			
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM		11	
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman			
Kim Leach	Driver/Operator			
Bill Thorton	Operator		8	
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic			
Troy Whitmore	Oiler/Mechanic			
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer			
Sam Mokiuyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Sylvia Toolie	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Jeffrey Bigelow	IT Project Manager			
Brian Welsh	IT Tech		1 Day	
Terrance Howland	Surveyor		1 Day	
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100									
Chevy Blazer (QAR)	50-139									
GMC Extended Cab 4X4 Pickup	50-133									
GMC Sierra 1500 (CQC)	50-117									
Ford F150 XL Ext. Cab P/U (SSHO)	50-113									
Chevy Blazer 4X4	50-136									
Ford Super Crew Cab 4X4 Pickup	50-138									
GMC Crew Cab P/U	50-115									
Ottawa Yard Goat-5 th wheel	50-320									
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329									
Ford Utility/Mechanic Tk.	50-200									
Ford Lube/Fuel Tk	50-201									
Kenworth Tractor-5 th wheel	50-330									
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501									
Cat 988B loader w/bucket & forks	50-505									
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800									
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911									
Honda Rancher 4 Wheeler	50-912									
Honda Rancher 4 Wheeler	50-915									
Arctic Cat 4 Wheeler	50-917									
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200									
Hitachi EX120 Excavator	51-204									

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: Site Mobilization, CL000103	----	----	
Activity: Surveys and Benchmarks, CL000206			100%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Feeder horn fixed. Satellite communication system up and running.
- Completed CLIN Activity CL000206, Surveys and Benchmarks.
- Day off for BEESC field personnel.

Comments:

- None.

Activity	Date Completed						
CLOOO206	7/3/05						

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seigt

7/4/05

CQCSM Signature

Date

Rollie Seibel

July 7, 05

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature Date

Site Superintendent Signature Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A

Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

No QAR on-site; General day-off for the BEESC crew. Survey work CLIN 206-2 completed today; (Benchmarks set for soil excavation areas). CLIN items are attached at the end of the Daily. Sat-comm' is reportedly running this day. QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills ACE 15 July
/QAR '05

QAR Signature Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
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CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
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CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15' dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 010

Date or Time Period
Monday July 4, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 40-45

Temp High: 50-55

AM/PM: Low cloud cover and sustained winds of 10-20 MPH throughout day. Sporadic light rain.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

ATV training for all crew members started.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
CL00103-1 Site Mobilization	<ol style="list-style-type: none">1. BEESC shift work started at 0700 hrs.2. Set up weigh scale and scale house.3. Completed mobilization activities.4. ATV training.5. Total personnel on site: 15.

Manpower On Site

Personnel	Classification	Monday	Hours	Off Island
BEESC		7-4-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM		11	
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer			
Sam Mokiyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Sylvia Toolie	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Jeffrey Bigelow	IT Project Manager			
Brian Welsh	IT Tech		1 Day	
Terrance Howland	Surveyor		1 Day	
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100									
Chevy Blazer (QAR)	50-139									
GMC Extended Cab 4X4 Pickup	50-133									
GMC Sierra 1500 (CQC)	50-117									
Ford F150 XL Ext. Cab P/U (SSHO)	50-113									
Chevy Blazer 4X4	50-136									
Ford Super Crew Cab 4X4 Pickup	50-138									
GMC Crew Cab P/U	50-115									
Ottawa Yard Goat-5 th wheel	50-320									
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329									
Ford Utility/Mechanic Tk.	50-200									
Ford Lube/Fuel Tk	50-201									
Kenworth Tractor-5 th wheel	50-330									
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M	T	W	TH	F	S	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501									
Cat 988B loader w/bucket & forks	50-505									
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800									
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911									
Honda Rancher 4 Wheeler	50-912									
Honda Rancher 4 Wheeler	50-915									
Arctic Cat 4 Wheeler	50-917									
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200									
Hitachi EX120 Excavator	51-204									

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: Site Mobilization, CL000103	----	----	100%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Completed CLIN Activity, CLOOO101, Site Mobilization.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CLOOO206	7/3/05	CLOOO101	7/4/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Scept
CQCSM Signature

7/5/05
Date

[Signature]
Site Superintendent Signature

7-5-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?
Concurs with the QC report?
Additional comments or exceptions:

Yes No N/A
Yes No N/A

QA Safety Inspections/Observations not noted in above comments:

QAR Signature	Date	Supervisor's Initials	Date
---------------	------	-----------------------	------

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CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

No QAR on-site. Site Mob' CLIN 103-1 completed today. CLIN items are attached at the end of the Daily. ATV training conducted for crew by National ATV Institute-certified visiting CQCSM Chuck Croley. QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *ABSE* *QAR* *15 JULY* *'05*

QAR Signature Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

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CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 011

Date or Time Period
Tuesday July 5, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 40-45

Temp High: 60-65

AM: Calm, low cloud cover and fog in AM.

PM: Calm, sunny, and warm in PM.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

- Have QA and QC samples been collected in the specified quantity? Yes No N/A
- Have samples been properly labeled and packaged? Yes No N/A
- Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
- Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Continued ATV training of personnel.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
CL00103-1 Site Mobilization	<ol style="list-style-type: none">1. BEESC shift work started at 0700 hrs.2. Used hydraulic jackhammer to test thickness of concrete at Building 108, Building 109, and the MEC Building.3. Staged Baker boxes at Building 108, Building 109, and the Building 1001 MEC. Removed PCB-impacted concrete will be placed in the boxes.4. Completed electronics set up for weigh scale.5. Total personnel on site: 15.

Manpower On Site

Personnel	Classification	Tuesday	Hours	Off Island
BEESC				
		7-5-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM		11	
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer			
Sam Mokiyyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Sylvia Toolie	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Jeffrey Bigelow	IT Project Manager			
Brian Welsh	IT Tech		1 Day	
Terrance Howland	Surveyor		1 Day	
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M-4	T-5	W-6	TH-7	F-8	S-9	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ottawa Yard Goat-5 th wheel	50-320									
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329									
Ford Utility/Mechanic Tk.	50-200									
Ford Lube/Fuel Tk	50-201									
Kenworth Tractor-5 th wheel	50-330		1.5							
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-4	T-5	W-6	TH-7	F-8	S-9	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501									
Cat 988B loader w/bucket & forks	50-505									
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800									
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200									
Hitachi EX120 Excavator	51-204		9.5							

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact? Yes No

Are there any Government-caused delays or potential finding of fact? Yes No

Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1 Day 7/5/05	0	1
Activity: CL00301, Work Site Access—Lower Mountain			
Activity: CL001001, CTP-1			
Activity: CL001002, CTP-2			100% (7/5/05)
Activity: CL001003, CTP-3			
Activity: CL001004, Bldg 1001 MEC, Rooms A & G			
Activity: CL001601, Bldg 109			
Activity: CL001602, Bldg 108			
Activity: CL001603, Bldg 1001 MEC, Rooms C, D & F			

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Initiated CLIN 4 (Activity CL000401, Field Overhead).
- Initiated CLIN 3 (Activity, CL00301, Work Site Access—Lower Mountain)
- Initiated CLINS 0010 (Activity, CL001001, CL001002, CL001003, CL001004) and 0016 (CL001601, CL001602, and CL001603)—PCB-Contaminated Concrete Mitigation.
- Pad CTP13-2 (Activity CL001002) not present at described location. Activity completed.
- No material (soil or concrete) was removed today.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CLOO0206	7/3/05	CLOO0101	7/4/05	CL001002	7/5/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijt
CQCSM Signature

7/6/05
Date

[Signature]
Site Superintendent Signature

7-6-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN 1002-010 (Concrete transformer slab at North end of Bldg 110) completed; Lower mtn work commenced. CLIN items are attached at the end of the Daily. QAR was ready to mob' to the island site tomorrow Wed., 06 July, but 1600 hours, the QAR is notified by District that planned Nome-to-island carrier, Cape Smythe Air, is not approved for DoD charters off normally scheduled routes. The QAR researched the issue for BEESC PM Steve Johnson and by day-end, forwarded a list of DoD-approved air carriers for charters. Quick calls to other air carriers reveal tight bookings.

The air flight for the QAR for tomorrow is tentatively cancelled until the BEESC PM and the QAR can confirm approved carriers and reservations possibilities. QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ABE* *15 JULY*
QAR *'05*

QAR Signature	Date	Supervisor's Initials	Date
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CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated (7/5/05)
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above gmd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 012

Date or Time Period
Wednesday July 6, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 40-45

Temp High: 50-55

AM: Breezy (10-20 MPH winds) and sunny in AM.

PM: Windy (sustained +20 MPH) and sunny in PM.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved?

Yes No N/A

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity?

Yes No N/A

Have samples been properly labeled and packaged?

Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Site orientation meeting conducted for seven arriving BEESC personnel.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 0700 hrs.2. Set up compressor and generator for plasma cutting class at lower tank farm.3. Continued testing concrete slabs at Building 109 and Building 1001 MEC.4. Slab demolish area at Building 108, Building 109 and Building 1001 MEC delineated.5. 2 BEESC personnel (Matson and S. Toolie) arrived in AM.6. 1 Surveyor departed island.7. 5 BEESC personnel (Pederson, G. Toolie, Mokiuk, Kava, and Rookok) arrive in PM.8. Total personnel on site: 21.

Manpower On Site

Personnel	Classification	Wednesday	Hours	Off Island
BEESC		7-6-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM		11	
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		4	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		4	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer		4	
Sam Mokiyuk	Laborer		4	
Truman Kava	Laborer		4	
Paul Rookok	Laborer		4	
Sylvia Toolie	Office Staff		4	
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Jeffrey Bigelow	IT Project Manager			
Brian Welsh	IT Tech		1 Day	
Terrance Howland	Surveyor		1 Day	Today
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M-4	T-5	W-6	TH-7	F-8	S-9	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200			6						
Ford Lube/Fuel Tk	50-201									
Ottawa Yard Goat-5 th wheel	50-320			1						
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329			2						
Kenworth Tractor-5 th wheel	50-330		1.5	1.5						
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-4	T-5	W-6	TH-7	F-8	S-9	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501									
Cat 988B loader w/bucket & forks	50-505			2						
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800			1.5						
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200									
Hitachi EX120 Excavator	51-204		9.5	8						

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	1	2
Activity: CL00301, Work Site Access—Lower Mountain			
Activity: CL001001, CTP-1			
Activity: CL001003, CTP-3			
Activity: CL001004, Bldg 1001 MEC, Rooms A & G			
Activity: CL001601, Bldg 109			
Activity: CL001602, Bldg 108			
Activity: CL001603, Bldg 1001 MEC, Rooms C, D & F			

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Howland (surveyor) departed island. S. Toolie, G.Toolie, Pederson, Kava, Matson, Mokiyyuk, and Rookok arrive on site.
- Breaking concrete pads. No concrete removed.
- Internet and telephone communications not working.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CLOOO206	7/3/05	CLOOO101	7/4/05	CL001002	7/5/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seibt
CQCSM Signature

7/7/05
Date

[Signature]
Site Superintendent Signature

7-7-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily. More lower mtn and concrete slab work at Bldgs 108, 109 & the MEC 1001, with AST sections cutting underway. BEESC PM Steve Johnson confirms this morning, that although Cape Smythe Air is DoD-approved for normal public routing and reservations, the air carrier is not DoD-approved for charters off regularly-scheduled routes. Currently no other approved charters are available for QAR-mob'. Planned QAR-mob' flight to the island today is cancelled until a DoD-approved carrier can be ascertained and reservation made.

QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

B.A. Miller *AGE/QAR* *15 JULY '05*

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

DAILY SITE SAFETY INSPECTION REPORT

Date: 07/06/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls

Three point contact for ingress/egress of heavy equipment

Safety concerns when working around heavy equipment and use of a spotter

Park vehicle into wind to prevent doors swinging open

General site safety rules reviewed.

Clin No: CL001601

Task to be accomplished: PCB contaminated Concrete removal, Bldg 109.

Observations/Comments:

Observed heavy equipment operations to facilitate the removal of pad 109. Utilizing an excavator with a drill point attachment, holes approximately 4 inches in depth, 3 inches in diameter and approximately 15 inches between each hole were create to assist removal. This operation was briefed by the Ops Foreman (Mac McDonald), Equipment Operator was Bill Thornton. All personnel were in the proper PPE for the work task assigned. During the drilling operation all non essential personnel were cleared of the work area. Works was conducted up wind of the pad. There were no personnel on the down wind side of the pad during drilling operations.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 013

Date or Time Period
Thursday July 7, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 40-45

Temp High: 50-55

AM: Windy (sustained +20 MPH) and sunny.

PM: Breezy (sustained <20 MPH) and sunny.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: Yes (PCB-Contaminated Concrete Mitigation)
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and SafetyWorker protection levels this date: Level B Level C Level D Modified Level D Was any work activity conducted within a confined space? Yes No N/A Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A Were approved decontamination procedures used on workers and equipment as required? Yes No N/A Was a Job Safety Meeting held this day? Yes No N/A Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Continued ATV training.

Plasma cutting training for labor crew.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 0700 hrs.2. Breaking concrete slabs at Buildings 108, 109, and 1001 MEC.3. Initiated loading of broken PCB-contaminated concrete into Baker box at Building 109.4. Plasma cutting training.5. Total personnel on site: 21.

Manpower On Site

Personnel	Classification	Thursday	Hours	Off Island
BEESC				
		7-7-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM		11	
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer		11	
Sam Mokiyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Jeffrey Bigelow	IT Project Manager			
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M-4	T-5	W-6	TH-7	F-8	S-9	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200			6						
Ford Lube/Fuel Tk	50-201				2.5					
Ottawa Yard Goat-5 th wheel	50-320			1						
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329			2	2					
Kenworth Tractor-5 th wheel	50-330		1.5	1.5						
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									
RFR10 Log Loader (Bailey Truck)	50-426									

Equipment Type	BEESC Number	M-4	T-5	W-6	TH-7	F-8	S-9	Week's Total	Prior Week	Total
Cat 980C loader w/bucket & forks	50-501				2.5					
Cat 988B loader w/bucket & forks	50-505			2	3					
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800			1.5	2					
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200				10					
Hitachi EX120 Excavator	51-204		9.5	8	5.5					

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by the Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	2	3
Activity: CL00301, Work Site Access—Lower Mountain			100%
Activity: CL001001, CTP-1			
Activity: CL001003, CTP-3			
Activity: CL001004, Bldg 1001 MEC, Rooms A & G			
Activity: CL001601, Bldg 109			
Activity: CL001602, Bldg 108			
Activity: CL001603, Bldg 1001 MEC, Rooms C, D & F			

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Initiated PCB-contaminated concrete removal from Building 109.
- Completed CLIN Activity CL000301, Work Site Access--Lower Mountain.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CLOOO206	7/3/05	CLOOO101	7/4/05	CL001002	7/5/05	CL00301	7/7/05

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

7/8/05
Date

Rollie Ebel
Site Superintendent Signature

7-8-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily . Lower mtn, Work site access CLIN 301-3 completed this day. An approved DoD aircraft for charter is still un-available for the QAR to mob' to the island.

QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ABE* *15 JULY*
QAR '05

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grnd. And some on grnd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 1/2" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 1/2" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

INITIAL PHASE CHECKLIST

CONTRACT NO.: W911KB-04-C-0019

DATE: July 7, 2005, 8:00-8:45

PROJECT: White Alice Tram and Debris Removal

DEFINABLE FEATURE WORK: Mitigate PCB-contaminated Concrete

GOVERNMENT REPRESENTATIVE NOTIFIED _____ HOURS IN ADVANCE (QAR off island).

I. Personnel Present, Including Work Crew:

	NAME	POSITION	COMPANY
1.	Henry Seipt	CQCSM	BEESC
2.	Rollie Goebel	Site Superintendent	BEESC
3.	Mac McDonald	Foreman	BEESC
4.			
5.			
6.			
7.			
8.			
9.			
10.			

II. Indicate Exact Location of Feature / Item Inspected: Building 108, Building 109, and MEC Building.

III. Materials and Equipment Being Used Are In Strict Compliance With Contract

Requirements. Yes. Heavy equipment to complete breaking of concrete and loading of concrete delineated in the scope of work are present on NE Cape. Also, receptacles (metal Baker boxes) to contain the PCB-contaminated concrete are present at NE Cape.

If Not, Explain: _____

IV. Procedures and / or Work Methods Witnessed Are In Strict Compliance With Contract

Requirements: Yes. PCB-contaminated concrete is to be broken up with a mechanical hydraulic jackhammer, loaded into Baker boxes, sealed, weighed, and the Baker boxes stockpiled for subsequent sea shipment from NE Cape to a designated hazardous material landfill in Oregon for disposal.

If Not, Explain: _____

V. Construction Tolerances and Workmanship Standards Are In Strict Compliance

With Contract Requirements : Yes. Concrete removal will follow the method delineated in section 4.3.7 of the Work and Demolition Plan, which, is complete removal of PCB-contaminated concrete.

State Areas Where Improvement is Needed: _____

VI. Required Inspection and Tests Are Demonstrated and In Strict Compliance With

Contract Requirements: Yes. Field screen samples will be analyzed at a BEESC on-site laboratory in adherence with specified EnSys testing protocols. Laboratory testing for PCB in concrete will be completed by a USACE/BEESC agreed upon analytical laboratory using EPA Method 8082. All samples will be collected, labeled, packaged, and transported in accordance with EPA guidelines.

If Not, Explain: _____

VII. Safety Procedures of Hazard Analysis Followed: Yes. Chemical hazards of PCB and the physical hazards for removal of the PCB-contaminated concrete are addressed in the Activity Hazard Analysis section of the SSHP.

If Not, Explain Corrective Action: _____

VIII. Instruction Received From Government Representative (Include Any Discussion On Testing, Control Procedures, and Definitive Description of the Agreed On Quality of Workmanship):

1. None.

Henry M. Seipt
Quality Control Representative

Quality Assurance Representative

**Activity Hazard Analysis No. 4
Stained Soil & PCB Soil Removal and
Disposal**

Analyzed By/Date: _____ Reviewed By/Date: _____

Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
General Activity	<p>Slips, trips, falls</p> <p>Back Injury</p> <p>Crushing Injuries</p> <p>Dropped Objects</p> <p>Eye Injury / Hearing Loss</p> <p>Struck by equipment/objects</p> <p>Contact with or inhalation of hazardous materials</p>	<ul style="list-style-type: none"> • Use care during foot travel, and clear the area of slip and trip hazards • Use barricades • Use guardrails • Cover holes. • Use proper lifting technique. • Buddy system for heavy lifts • Use lifting/transport equipment • Use caution when setting loads. • Machine guards/enclosures • Wear required PPE: <ul style="list-style-type: none"> ○ Hard Hat ○ Steel Toed Boots ○ Safety Glasses w/ side shields ○ Reflective Vest ○ Hearing Protection, as needed. • Use caution around equipment lift materials. • Wear required PPE. • Wear required PPE. • Wear required PPE • Backup Alarms on all equipment • Traffic control and Watchman • Limit personnel in area (site control) • Use impermeable PPE/Level C protection as warranted

Activity Hazard Analysis No. 4 Stained Soil & PCB Soil Removal and Disposal (cont.)		Analyzed By/Date: _____ Reviewed By/Date: _____
Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Equipment operations	Equipment Failure	<ul style="list-style-type: none"> • Inspect equipment prior to daily operation. • Ensure all roll cages and guards are in place and back up alarms operate • OEM equipment modifications <u>only</u>. • Machine guarding and enclosures
Vehicle Operation	Rollover Material Spill/Contact	<ul style="list-style-type: none"> • Stay within the speed limit specified. • Follow manufacturer's recommended payload. • Inspect containers before transport • Spill Kits • Use impermeable PPE/Level C protection as warranted
Equipment to be Used	Inspection Requirements	Training Requirements
Trucks, Hand Tools, Backhoes	Daily inspection of equipment prior to operation	<ul style="list-style-type: none"> • Utilize only trained and experienced operators for operation of equipment. • Site specific training – Toolbox safety meetings • 40 hr Hazwoper • HazCom Training

DAILY SITE SAFETY INSPECTION REPORT

Date: 07/07/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls
Level D PPE requirements
High wind hazards
Plasma cutting: use fire watch and have fire extinguisher on hand
General site safety rules reviewed

Clin No: Not applicable, Sanitation (waste removal)

Task to be accomplished: The removal and re-installation of Patco (portable toilet) collection bag system.

Observations/Comments:

Personnel assigned to the staff of Kuukpik Arctic Catering have the responsibility for providing all sanitation services IAW the Site Specific Health Plan (SSPH). I observed Timothy Gregory of (KAC) performing the removal/ re-installation of the waste collection system for (2) Patco toilets. PPE worn for the specific task were: Eye protection (safety glasses), Particle mask and double glove protection. After completion of the first system, a glove change was performed and hands were washed. The same sequence of events occurred for the second system. All waste materials were then transported to the treatment facility for immediate burning.

Recommendations/Comments: At a minimum a face shield should be provided to enhance the effectiveness of the PPE. A shield will increase the surface area of coverage surrounding multiple points of entry into the body and reduce possible exposure to blood borne pathogens or other infectious diseases.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 014

Date or Time Period
Friday July 8, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 50-55

Temp High: 55-60

AM: Fog/Low clouds, calm, and some light precipitation.

PM: Calm to light winds (< 10 MPH), sunny and warm.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: Yes. PCB Contaminated Soil Removal.
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

- Have QA and QC samples been collected in the specified quantity? Yes No N/A
- Have samples been properly labeled and packaged? Yes No N/A
- Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
- Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and SafetyWorker protection levels this date: Level B Level C Level D Modified Level D Was any work activity conducted within a confined space? Yes No N/A Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A Were approved decontamination procedures used on workers and equipment as required? Yes No N/A Was a Job Safety Meeting held this day? Yes No N/A Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 0700 hrs.2. Removing and/or loading into Baker boxes of PCB-contaminated concrete from Buildings 108, 109, and 1001 MEC.3. Readjusted and calibrated truck scale.4. Initiated weighing of PCB-contaminated concrete in Baker boxes.5. Started digging burn pit for air curtain.6. Began moving and stockpiling scrap metal at lower tank farm.7. Total personnel: 20.

Manpower On Site

Personnel	Classification	Friday	Hours	Off Island
BEESC				
		7-8-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM		11	Today
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M-4	T-5	W-6	TH-7	F-8	S-9	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200			6						
Ford Lube/Fuel Tk	50-201				2.5					
Ottawa Yard Goat-5 th wheel	50-320			1						
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329			2	2	5				
Kenworth Tractor-5 th wheel	50-330		1.5	1.5						
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-4	T-5	W-6	TH-7	F-8	S-9	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426		9.5	8	5.5					
Cat 980C loader w/bucket & forks	50-501				2.5	1				
Cat 988B loader w/bucket & forks	50-505			2	3	10				
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800			1.5	2					
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200				10	5.5				
Hitachi EX120 Excavator	51-204		9.5	8	5.5	11				

Materials Received to be Used on or Incorporated into Site

Yes. New parts for communications system arrived via air.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijit
CQCSM Signature

7/9/05
Date

Hollie Eichel
Site Superintendent Signature

7-9-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature Date

Site Superintendent Signature Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily. More CLIN's accomplished for concrete slab work at 108, 109 and the South end of 1001. Hoped-for flight for the QAR mob' today, delayed - No DoD-approved flights available; QAR to stand-by and be ready to go Saturday; Weather is predicted to get worse through the weekend. CQCSM & approved-ATV trainer Chuck Croley off-site today.

Concrete weighing initiated today; Fire pit initiated in excavation today. QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *AGE/* *15 JULY*
QAR '05

QAR Signature Date Supervisor's Initials Date

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	3	4
Activity: CL001001, CTP-1			
Activity: CL001003, CTP-3			
Activity: CL001004, Bldg 1001 MEC, Rooms A & G	63.215 tons*		95%
Activity: CL001601, Bldg 109			95%
Activity: CL001603, Bldg 1001 MEC, Rooms C, E & F			95%
Activity: CL001602, Bldg 108			

Accumulative tonnage of concrete removed: 63.215

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Croley departed island.
- Discrepancies noted in contract modifications provided to BEESC at USACE's 6/29 meeting.
- Initiated PCB-contaminated concrete weighing. Tonnage removed from Buildings 109 and 1001 MEC Rooms A, C, D, E & F: 63.215.
- Completed CLIN activities CL001601, CL001603 and CL001004.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000101	7/4/05	CL001002	7/5/05	CL00301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05		

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 1 1/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 1 1/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

INITIAL PHASE CHECKLIST

CONTRACT NO.: W911KB-04-C-0019

DATE: July 8, 2005, 08:30-09:30

PROJECT: White Alice Tram and Debris Removal

DEFINABLE FEATURE WORK: Remove PCB-contaminated Soil

GOVERNMENT REPRESENTATIVE NOTIFIED _____ HOURS IN ADVANCE (QAR off island).

I. Personnel Present, Including Work Crew:

	NAME	POSITION	COMPANY
1.	Henry Seipt	CQCSM	BEESC
2.	Rollie Goebel	Site Superintendent	BEESC
3.	Mac McDonald	Foreman	BEESC
4.	Larry Pederson	Environmental Sampler	BEESC
5.			
6.			
7.			
8.			
9.			
10.			

II. Indicate Exact Location of Feature / Item Inspected: Building 98, Building 110, Building 1001 MEC, and along the Cargo Road at Site 7.

III. Materials and Equipment Being Used Are In Strict Compliance With Contract

Requirements. Yes. Heavy equipment to complete excavation, loading, and hauling of soil delineated in the scope of work are present on NE Cape. Also, receptacles (metal Baker boxes) to contain the PCB-contaminated soil are present at NE Cape.

If Not, Explain: Plastic liners ordered by BEESC from the Baker box supplier did not arrive with the Baker boxes. Soil excavation will be delayed until the liners arrive.

IV. Procedures and / or Work Methods Witnessed Are In Strict Compliance With Contract

Requirements: Yes. PCB-contaminated soil is to be removed by an excavator, loaded into Baker boxes, sealed, weighed, and the Baker boxes stockpiled for subsequent sea shipment from NE Cape to a designated hazardous material landfill in Oregon for disposal.

If Not, Explain: There is an excavation depth discrepancy between the original scope of work and the modification presented to BEESC during the preparatory meeting along the west side of Building 110 that needs to be discussed with the QAR.

V. Construction Tolerances and Workmanship Standards Are In Strict Compliance

With Contract Requirements : Yes. Soil removal will follow the method delineated in section 4.3.8 of the Work and Demolition Plan. Perimeter points for the various soil excavations were surveyed (GPS) and square footage of each pit calculated for determining the number of samples required to be collected from the respective pits.

State Areas Where Improvement is Needed: _____

VI. Required Inspection and Tests Are Demonstrated and In Strict Compliance With

Contract Requirements: Yes. Field screen samples will be analyzed at a BEESC on-site laboratory in adherence with specified EnSys testing protocols. Laboratory testing for PCB in soil will be completed by a USACE-certified analytical laboratory using EPA Method 8082. All samples will be collected, labeled, packaged, and transported in accordance with EPA guidelines.

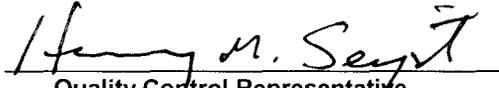
If Not, Explain:

VII. Safety Procedures of Hazard Analysis Followed: Yes. Chemical hazards of PCB and the physical hazards for removal of the PCB-contaminated soil are addressed in the Activity Hazard Analysis (AHA) section of the SSHP. Level C PPE is anticipated for only those personnel directly involved in the collection of concrete samples. The BEESC foreman will go over the AHA data with operators and laborers that are going to be involved in the soil removal task.

If Not, Explain Corrective Action: _____

VIII. Instruction Received From Government Representative (Include Any Discussion On Testing, Control Procedures, and Definitive Description of the Agreed On Quality of Workmanship):

1. None.


Quality Control Representative

Quality Assurance Representative

**Activity Hazard Analysis No. 4
Stained Soil & PCB Soil Removal and
Disposal**

Analyzed By/Date: _____ Reviewed By/Date: _____

Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
General Activity	<p>Slips, trips, falls</p> <p>Back Injury</p> <p>Crushing Injuries</p>	<ul style="list-style-type: none"> • Use care during foot travel, and clear the area of slip and trip hazards • Use barricades • Use guardrails • Cover holes. • Use proper lifting technique. • Buddy system for heavy lifts • Use lifting/transport equipment • Use caution when setting loads. • Machine guards/enclosures • Wear required PPE: <ul style="list-style-type: none"> ○ Hard Hat ○ Steel Toed Boots
	<p>Dropped Objects</p> <p>Eye Injury / Hearing Loss</p> <p>Struck by equipment/objects</p> <p>Contact with or inhalation of hazardous materials</p>	<ul style="list-style-type: none"> ○ Safety Glasses w/ side shields ○ Reflective Vest ○ Hearing Protection, as needed. • Use caution around equipment lift materials. • Wear required PPE. • Wear required PPE. • Wear required PPE • Backup Alarms on all equipment • Traffic control and Watchman • Limit personnel in area (site control) • Use impermeable PPE/Level C protection as warranted

Activity Hazard Analysis No. 4 Stained Soil & PCB Soil Removal and Disposal (cont.)		Analyzed By/Date: _____ Reviewed By/Date: _____
Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Equipment operations	Equipment Failure	<ul style="list-style-type: none"> • Inspect equipment prior to daily operation. • Ensure all roll cages and guards are in place and back up alarms operate • OEM equipment modifications <u>only</u>. • Machine guarding and enclosures
Vehicle Operation	Rollover Material Spill/Contact	<ul style="list-style-type: none"> • Stay within the speed limit specified. • Follow manufacturer's recommended payload. • Inspect containers before transport • Spill Kits • Use impermeable PPE/Level C protection as warranted
Equipment to be Used	Inspection Requirements	Training Requirements
Trucks, Hand Tools, Backhoes	Daily inspection of equipment prior to operation	<ul style="list-style-type: none"> • Utilize only trained and experienced operators for operation of equipment. • Site specific training – Toolbox safety meetings • 40 hr Hazwoper • HazCom Training

DAILY SITE SAFETY INSPECTION REPORT

Date: 07/08/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls
Location of emergency evacuation horns reviewed
PPE for plasma cutting
Communications system---not currently operational
General site safety rules reviewed

Clin No: CL001602-16

Task to be accomplished: PCB-contaminated concrete removal, Bldg 108.

Observations/Comments: The concrete pad associated with bldg 108 was broken into sections on 7/7/05. Operator/Oiler Troy Whitmore using an excavator placed the material into the Baker box below. PPE used during this evolution was IAW the Health and Safety Plan .Supervision for the task was Mac MacDonald.

Recommendations/Comments: No comments noted the report.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 015

Date or Time Period
Saturday July 9, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM: Stormy with high winds (sustained 25 MPH+ with >50 MPH gusts). PM: Sunny with high winds (sustained 25 MPH+ with >50 MPH gusts).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No.
 Initial: No
 Follow-up: Yes. Concrete demolition site checks.
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and SafetyWorker protection levels this date: Level B Level C Level D Modified Level D Was any work activity conducted within a confined space? Yes No N/A Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A Were approved decontamination procedures used on workers and equipment as required? Yes No N/A Was a Job Safety Meeting held this day? Yes No N/A Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

High sustained winds with gusts in excess of 50 MPH encountered at work site. Work suspended after three hours due to work safety concerns.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 0700 hrs.2. Moved Baker boxes from beach and staged them in the AFS Ops area.3. Continued removing concrete from Building 108.4. Continued plasma cutting of metal in lower tank scrap area.5. Work suspended for the day after three hours due to high winds.6. Total personnel: 20.

Manpower On Site

Personnel	Classification	Saturday	Hours	Off Island
BEESC		7-9-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		3	
Hank Seipt	CQCSM		3	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		3	
Larry Pederson	Environmental Sampler		3	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		3	
Kim Leach	Driver/Operator		3	
Bill Thorton	Operator		3	
John Wheeler	Operator			
Olaf Matson	Driver		3	
Rick Beasley	Mechanic		3	
Troy Whitmore	Oiler/Mechanic		3	
Carl Calugen	Laborer Foreman		3	
Eugene Toolie	Laborer		3	
Sam Mokiuyuk	Laborer		3	
Truman Kava	Laborer		3	
Paul Rookok	Laborer		3	
Sylvia Toolie	Office Staff		3	
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M-4	T-5	W-6	TH-7	F-8	S-9	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200			6						
Ford Lube/Fuel Tk	50-201				2.5					
Ottawa Yard Goat-5 th wheel	50-320			1						
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329			2	2	5	1.5			
Kenworth Tractor-5 th wheel	50-330		1.5	1.5						
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352									
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-4	T-5	W-6	TH-7	F-8	S-9	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501				2.5	1	2			
Cat 988B loader w/bucket & forks	50-505			2	3	10	3			
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800			1.5	2					
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200				10	5.5				
Hitachi EX120 Excavator	51-204		9.5	8	5.5	11				

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	4	5
Activity: CL001001, CTP-1			
Activity: CL001003, CTP-3			
Activity: CL001602, Bldg 108			

Accumulative tonnage of concrete removed: 63.215

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Work suspended after three hours due to sustained high winds that caused dangerous work conditions.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000101	7/4/05	CL001002	7/5/05	CL00301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

7/10/05
Date

[Signature]
Site Superintendent Signature

7-10-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily. QAR notified in the morning by BEESC PM Steve Johnson that Security Aviation has been nominated as a DoD-approved carrier but that no flights may be available this day due to high winds (50 plus knots) & foul weather; As reported, crew stops-work at 1000 hours due to wind hazards. QAR mob' this day confirmed cancelled in the early afternoon. QAR to stand-by for potential flight tomorrow Sunday, 10 July.

QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *ABE* / *15 JULY*
/QAR *'05*

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

FOLLOW-UP PHASE CHECKLIST

Contract No.: W911KB-04-C-0019

Date: July 9, 2005

Definable Feature: Mitigate PCB-contaminated Concrete

Government Representative Notified _____ Hours in Advance (QAR off island)

CLLIN Activities: CL000904 and CL000906.

I. Personnel Present:

Name	Position	Company/Government
H. Script	CQCSM	BEESC

II. Identify full compliance with procedures identified at preparatory, including plans, specifications, and submittals.

Comments: An option in BEESC's Work and Demolition Plan was the complete removal of PCB-contaminated concrete. The PCB-contaminated concrete was removed at Building 109, Building 109, and Building 1001 MEC. An upper concrete slab approximately 6 to 7 inches thick was removed by an excavator from Buildings 108 and 109. The removal exposed a second layer of concrete. The underlying concrete slab at Buildings 108 and 109 will be sampled in accordance with BEESC's SAP. No concrete slab was found under Building 1001 MEC. The removed concrete was placed in Baker boxes, weighed, and the boxes stockpiled near AFS Ops.

III. Completed Work

Ensure work is complete and in compliance with contract requirements. If not, what action is taken?

Concrete removal for the three aforementioned buildings was completed in accordance with contract requirements. Sample was not initiated immediately after slab removal due to inclement weather.

IV. Resolve any differences.

Record Drawings Updated: None

Date

Corrective Action Log Updated: None

Date

Comments: _____

V. Check Safety.

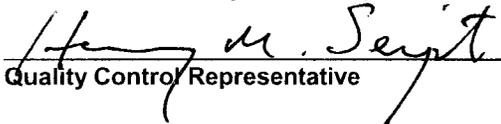
Review job conditions using EM-385-1-1 and job hazard analysis.

Job Hazard/Safety Program Reviewed for Effectiveness:

July 9, 2005

Date

Comments: The removal and loading of PCB-contaminated concrete took place as envisioned in the Work and Demolition Plan. No injuries or safety incidents occurred during completion of related field activities.


 Quality Control Representative

 Quality Assurance Representative

Date: 07/09/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls
High winds and awareness when opening vehicle doors
PPE Level D for field work
PPE limitations (Page 53 of SSHP)
General site safety rules reviewed

Clin No:

Task to be accomplished:

Observations/Comments: At 0835 Superintendent Rollie Goebel called for a weather stand down until 1000. Winds within the Construction Camp Facility were between 20-35 mph. Winds with the AFS Ops area were substantially higher, with gusts in excess of 60 mph. Conditions continued, at 1000 local the day was officially called due to weather. Operational planning is limited by the following factors:

1. Inability to access the internet.
2. Lack of specific weather forecasts for this region/operating area.

Recommendations/Comments: This report submitted for continuity purposes.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 016

Date or Time Period
Sunday July 10, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM/PM: Stormy, moderate to high precipitation, moderate winds (10-20 MPH with higher gusts) throughout day.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: Yes. Remove Debris on Lower Mountain, Roads, Pads Cargo Beach
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 10:30 hrs.2. Weighed concrete from Buildings 108 and 109.3. Picked up and weighed armored cable from around Building 98.4. Hauled containers from beach to AFS Ops Area.5. Prepared Morooka vehicles for off-road use.6. Total personnel: 20.

Manpower On Site

Personnel	Classification	Sunday	Hours	Off Island
BEESC		7-10-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		8	
Hank Seipt	CQCSCM		8	
Chuck Croley	Alt. CQCSCM			
Toby Petersen	SSHO		8	
Larry Pederson	Environmental Sampler		8	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		8	
Kim Leach	Driver/Operator		8	
Bill Thorton	Operator		8	
John Wheeler	Operator			
Olaf Matson	Driver		8	
Rick Beasley	Mechanic		8	
Troy Whitmore	Oiler/Mechanic		8	
Carl Calugen	Laborer Foreman		8	
Eugene Toolie	Laborer		8	
Sam Mokiuyuk	Laborer		8	
Truman Kava	Laborer		8	
Paul Rookok	Laborer		8	
Sylvia Toolie	Office Staff		8	
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M-4	T-5	W-6	TH-7	F-8	S-9/ S-10	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200			6				6	0	6
Ford Lube/Fuel Tk	50-201				2.5			2.5	0	2.5
Ottawa Yard Goat-5 th wheel	50-320			1				1	0	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329			2	2	5	1.5/4	14.5	0	14.5
Kenworth Tractor-5 th wheel	50-330		1.5	1.5	0	0	1	4	0	4
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352						1.5	1.5	0	1.5
40' Trailer--Utility Flatbed	50-403									
40' Trailer--Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-4	T-5	W-6	TH-7	F-8	S-9/ S-10	Week's Total	Prior Week	Total
RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501				2.5	1	2/1	6.5	0	6.5
Cat 988B loader w/bucket & forks	50-505			2	3	10	3/8	26	0	26
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800			1.5	2			3.5	0	3.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200				10	5.5	4	19.5	0	19.5
Hitachi EX120 Excavator	51-204		9.5	8	5.5	11	7	41	0	41

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact? Yes No

Are there any Government-caused delays or potential finding of fact? Yes No

Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	5	6
Activity: CL001001, CTP-1			
Activity: CL001003, CTP-3			
Activity: CL001602, Bldg 108	63.38		95%
Activity: CL00912, Armored Cable Removal Near Bldg 98			95%

Accumulative tonnage of concrete removed: 63.215 (7/8/05) +63.38 (7/10/05)=126.595

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Tonnage removed from Buildings 108 and 109:
- Completed CLIN Activity CL001602 and CLIN Activity CL00912

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000101	7/4/05	CL001002	7/5/05	CL00301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05						

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

7/11/05
Date

[Signature]
Site Superintendent Signature

7-11-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily. QAR notified at home mid-day by BEESC PM Steve Johnson to stand-down for travel today; bad weather shall prevent QAR from mob' to site this day. QAR to stand-by for potential departure to site tomorrow Monday, 11 July.

QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *ABE* *15 JULY*
/QAR *'05*

QAR Signature Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 1 1/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 1 1/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Date: 07/10/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls

Reviewed BEESC's historical record and emphasized importance of a company maintaining a good safety record

Awareness of wind speed and direction in the field

General site safety rules reviewed

Clin No: CL001602

Task to be accomplished: Collect containerized, weigh and stage the remaining concrete from Pad 108.

Observations/Comments: Personnel assigned to this specific task were: Mac MacDonald, Bill Thornton, Kim Leach, Troy Whitmore and Carl Calugan. SS for the evolution was Mac MacDonald. The production plan was brief in addition to the safety precautions for heavy equipment operations. All personnel associated with this task maintained the proper level of PPE (level D). Carl Calugan provided positive ground coordination and communication in difficult working conditions (rain with winds between 22-35 mph). This task was performed safely and IAW SSHP.

PREPARATORY INSPECTION CHECKLIST

CONTRACT NO: W911-KB-04-C-0019

DATE: 7/10/05

PROJECT: White Alice Tram and Debris Removal

DEFINABLE FEATURE OF WORK: Remove Debris on Lower Mountain, Roads, Pads, and Cargo Beach .

GOVERNMENT REPRESENTATIVE NOTIFIED _____ HOURS IN ADVANCE (QAR off island).

I. Persons Required To Attend

Name	Position	Company/Government
Henry Sceipt	CQCSM	BEESC
Rollie Goebel	Site Supervisor	BEESC
Mac McDonald	Crew Foreman	BEESC
Carl Calugan	Laborer Forman	BEESC
Toby Petersen	SSHO	BEESC

II. Contractor/Subcontractors Involved With Activity

- 1. Yes. Insurance current & on hand?
- 2. No construction subcontractors used in field Insurance current & on hand?
- 3. _____ Insurance current & on hand?

III. Submittal Review

Have all transmittals been submitted and approved? Yes. All project plans have been submitted to the USACE and have been approved.

What items are delinquent or awaiting comments/approval?

- 1. No items are delinquent or awaiting comments/approval.
All equipment and personnel to complete the scope of work are present on Saint Lawrence Island.
Testing of equipment has been completed on island prior to its utilization on site work.
No field or analytical testing are required in this DFW.

2. _____

What items require re-submittal and why? _____

- 1. None.
- 2. _____
- 3. _____
- 4. _____

IV. Technical Specification Review

Have all paragraphs/technical requirements been covered?

Yes.

List of items you want to ensure were covered:

DFW Tasks: Debris Removing and Staging as delineated in the Work and Demolition Plan, Section 4.3.4 and the SSHP, Section 2.4

Accident Prevention Plan---EM 385-1-1 (2003) in use at the site, Specifically Section 13 Hand and Power Tools, Section 16 Machinery and Mechanized Equipment, and Section 18 Motor Vehicles and Aircraft (All Terrain Vehicles)

Tasks associated with the DFW are delineated in the Work and Demolition Plan, Section 4.3.4 and in Appendix H of the CQC Plan

Task specific safety and health issues are address in the SSHP, Section 4.4

General site safety and health issues related to the task are delineated in the Activity Hazard Analysis, Table #1 (Debris Removal and Staging)

The SSHP requires the wearing of reflective vests in addition to standard/modified Level D PPE

Task Associated SSHP topics include:

Heavy Equipment Operation, Section 4.2.1

Vehicle Inspections, Section 4.2.2

Operator Qualifications, Section 4.2.3

Equipment and Vehicle Safe Work Practices, Section 4.2.4

Site Roads and Slopes, Section 4.2.6

Slips, Trips and Falls, Section 4.2.11

PREPARATORY INSPECTION CHECKLIST

V. List of Specific Construction Tolerances/Testing

- 1. None. No sort of tolerance specification or testing is associated with the DFW. However, some debris will require size reduction to enable loading of the material into sea-going containers.
- 2. _____
- 3. _____

Are all reference publications/manufacturer's recommendations on hand and reviewed? _____ N/A

VI. Material/Equipment Review

- Are all materials as submitted? _____ Yes
- Do materials comply with Buy America Act? _____ N/A
- Is equipment required? _____ Yes
- Have equipment checklists been provided? Provided in daily report. _____ Yes

VII. Safety/Job Hazard Analysis

- Was Hazard Analysis submitted for review prior to prep? In submitted Work and Demo Plan _____ Yes
- Are there additions for JHA and were they incorporated? _____ No
- Are Material Safety Data Sheets on hand and reviewed? In binder in Site Supervisor's office. _____ Yes
- Does Resident Office have copies of 1566 and insurance? _____ Yes
- Have items in Site Safety Health Plan been reviewed? _____ Yes
- Is there a confined space? _____ No

VIII. Any Additional Concerns

- Are there permits required for work? Hot Work Permit _____ No
- Is notification for outage required? _____ No
- What is time frame for any notifications? _____ N/A
- What NAS Numbers are covered/used with this work? _____
- Did CQC cover all elements on their checklists? _____ Yes/No
- Has prep been completed successfully? _____ Yes/No

H. M. Seyt
Quality Control Representative

Quality Assurance Representative

2.4 TASK-SPECIFIC ACTIVITIES

The Scope of Work requires that a variety of tasks and activities be accomplished for each of the work sites. Those tasks and activities include the following:

- **Barge Loading and Unloading.** Excavated soil and demolition debris will be packaged at the site in Conexes. Workers will remain at a safe distance during the loading of these Conexes and will not stand under the loader or adjacent to the Conex being loaded.
- **Concrete Pad Testing and Removal.** Concrete transformer pads are suspected of containing PCBs from spills. PCB-contaminated concrete will be mechanically removed to a depth of approximately 0.25 inch. Appropriate worker protection will be required for this activity in accordance with the activity hazard analysis (AHA) (Appendix A).
- **PCB Soil Removal and Disposal.** A limited amount of stained soil will be removed and excavated during operations. The soil will be taken to a lined stockpile area where it will be tested to determine disposal options in accordance with the EPP.
- **Cat Trail Repair.** The Cat Trail to the Upper Mountain is completely washed out in one location and is in generally poor condition in many other sections. The trail must be repaired to access the Upper Mountain with construction equipment, and significant repair work is necessary. Because the Cat Trail is very steep and exceeds the EM 385-1-1, Section 21.1.07b, maximum allowable grade of 10 percent, a waiver request was submitted to the USACE to use the trail with the existing grades and has been approved.
- **Debris Removal and Staging.** Many of the sites at the NE Cape facility have miscellaneous debris ranging in size from very small to large items, such as old D-8 tractors. This debris will be collected manually and by using heavy equipment. Most of the debris can be reached from existing roads; in some cases, it will be collected after road improvement is completed. In instances where equipment is required for debris removal in the tundra, low-ground-pressure equipment will be used. The debris will be hauled to one or more staging areas, as directed by the WDP. Debris will be wetted and covered as necessary before hauling to prevent visible emissions. Debris will be placed in appropriate storage containers and staged at the Conex Storage Area shown on Figure 11.
- **Water Collector Decommissioning.** Wells at the site will be decommissioned in accordance with Alaska Department of Environmental Conservation procedures and the WDP.
- **Tower Demolition.** Demolition of the tram system will involve special requirements described in the WDP. These include specialized use of fall protection and use of heavy equipment and/or vehicles on grades in excess of 10 percent, which is normally prohibited by the USACE's EM 385-1-1. Because of the extreme slopes of the natural terrain, which cannot be engineered to conform to the 10 percent slope rule, a waiver

1 **4.3.4 Pole Lines and Pole Groups**

2 There are approximately 70 steel and wooden poles and approximately 11,000 feet of
3 electrical cable to be removed. BEESC will complete the pole and wire removal as follows:

4 **Step 1 – Vent Thermo-anchors (if present)**

5 The thermo-anchors were used to support poles on the pole line along the road between the
6 AFS Ops Area and Site 24/25, and on the tundra north of the AFS Ops Area. The thermo-
7 anchors contain pressurized flammable gas (likely butane or propane). The gas will be vented
8 by removing a threaded pipe plug from the head of the thermo-anchor. After the gas has
9 escaped, the thermo-anchor will be cut off at the ground surface as described below:

10 **Step 2 – Fell Poles and Antennas, and Cut Guy Wires and Thermo-anchors**

11 A crew of laborers supported by two Argo ATVs on tracks will fell the poles and cut the guy
12 wires and thermo-anchors. The poles, antennas, and thermo-anchors will be cut off flush with
13 the ground surface.

14 **Step 3 – Separate Poles from Lines and Pick Up Poles**

15 A second crew equipped with a Morooka rubber-tracked vehicle towing a Bailey trailer will
16 separate the poles from the lines, cut the poles into manageable lengths, and load them on the
17 Bailey trailer by using a knuckle-boom crane and grapple mounted on the Morooka. The
18 crew will travel to the far end of the pole line and work its way straight back along the pole
19 line to minimize ground disturbance. The crew will then pick up all debris at the pole site,
20 leaving only the lines. The pole sections will be transported to the truck scale where they will
21 be weighed. They will then be transported to either the debris staging area where they will be
22 strapped into bundles for transport and disposal or to the burnable wood debris storage area
23 where they will be burned as described in Section 5.1.5

DFW SPECIFIC HAZARDS

- 1 ■ Equip one person per field area with a firearm. Individuals assigned firearms will
2 keep the weapon under safe control at all times. After working hours, all firearms will
3 be locked and secured by the SS.

4 **4.3.2 Foxes**

5 Rabid cross foxes may also be encountered at the NE Cape site. Extreme caution should be
6 exercised to avoid any work activities in close proximity to a cross fox. Work in areas that
7 cross foxes may inhabit should always be performed in pairs.

8 **4.4 TASK-SPECIFIC HAZARDS**

9 The following sections describe in greater detail the hazards associated with each specific
10 task. Appendix A contains AHA tables, completed in accordance with the USACE's EM
11 385-I-1, identifying the activity, potential hazards, controls and inspections, training, PPE,
12 and monitoring required for each task.

13 **4.4.1 Nonhazardous Debris Removal and Staging**

14 Nonhazardous debris removal and staging will be performed in accordance with the WDP.
15 One of the hazards involved with this activity is lifting debris or drums with sharp edges. The
16 edges of the metal debris can cause cuts. Level D PPE will be worn while collecting and
17 staging nonhazardous debris. All workers lifting nonhazardous debris will wear leather or
18 cut-resistant gloves. Lifting the debris can cause back problems if a worker tries to lift too
19 much or lifts in an improper fashion. Debris weighing more than 60 pounds will be lifted by
20 at least two people. When lifting the debris, ensure that proper lifting techniques are used,
21 including bending at the knees and keeping one's back vertical. Some of the debris may be
22 lifted and staged by heavy equipment. Site workers need to be aware of vehicular traffic at all
23 times and stay in clear view of the equipment operators. If heavy equipment is used, then site
24 workers will wear reflective traffic vests to increase their visibility.

23 **4.4.2 Antenna and Power Pole Removal**

24 Antenna and power pole removal will be performed in accordance with the WDP. The
25 antennas and power poles are made of either wood or metal. Some of the poles are held in
26 place with guy wires. Hazards associated with the removal of these structures differ slightly
27 depending on whether the pole is wood or metal. Level D PPE will be worn while removing

1 the antennas and power poles. Some of the poles are supported by gas-filled thermo-anchors.
2 The thermo-anchors contain pressurized flammable gas. The gas will be vented by removing
3 a pipe plug from the top of the thermo anchor and allowing the gas to vent to the atmosphere.
4 After the gas has escaped, the thermo-anchor will be cut off at the ground surface.

5 One of the hazards associated with the removal of the wood poles concerns the use of the
6 chain saw required to cut the poles down. Chain saws can “kick” if they strike a piece of
7 metal or a knot in the wood or if they strike the ground. All saws will have OEM kick-back
8 controls/brakes. Workers using chain saws will inspect each pole before cutting to look for
9 signs of metal or knots that may cause the chain saw to kick back. The angle of cut will be
10 one that does not bring the saw in contact with the ground. Workers using chain saws will
11 wear leg protection (chaps) and all PPE identified in Section 6.2.

12 One of the common hazards associated with both the metal and wooden poles is the removal
13 of the guy wires. After the guy wires are loosened, they will be cut. If some guy wires cannot
14 be loosened, a wooden or metal shield will be used by workers (in addition to standard PPE)
15 for protection during guy wire cutting, when the wires may snap in an uncontrolled direction.
16 Some of the wooden poles do not have guy wires.

17 After the wires are cut, the pole will be felled. Hazards associated with felling the pole
18 include being struck by the pole as it falls or when it kicks off its base, or being struck by guy
19 wires that have not been cut. To control these hazards, the approximate height of the pole will
20 be determined before cutting, and a fall radius will be calculated. The fall radius will be 1.5
21 times the height of the pole. This area will be cleared of all unnecessary personnel. As the
22 pole falls, it is possible that the base of the pole will bounce or move in an unknown direction.
23 Workers will be required to stand at least 10 feet from the base of the pole to minimize the
24 potential for being struck. If necessary, a second cut will be made to ensure the remaining
25 portion of the pole is flush with the ground.

26 After the poles are felled, they will be cut and taken to a staging area for disposal preparation.
27 Hazards associated with this include being struck by heavy equipment used to transport the
28 poles to the staging area and potentially being injured by hot work activities that may be used

- 1 to fell and reduce the size of the metal poles. Workers will be aware of the location of heavy
- 2 equipment at all times. The heavy equipment operators will restrict their operation to the
- 3 planned route of travel and will also watch for pedestrian traffic. Workers will wear reflective
- 4 vests to increase their visibility when working around heavy equipment.

GENERAL PROJECT HAZARDS

Activity Hazard Analysis No. 1
Debris Removal and Staging

Analyzed By/Date: _____ Reviewed By/Date: _____

Principal Tasks

Potential Hazards

Recommended Controls (Level D PPE site wide for all operations)

Removal by hand and
General Site Work

Slips, trips, falls

Back Injury

Crushing Injuries

Dropped Objects

Eye Injury / Hearing Loss

Falls from steep slopes

Struck by
equipment/objects

- Use care during foot travel, and clear the area of slip and trip hazards
- Use barricades
- Use guardrails
- Cover holes.
- Use proper lifting technique.
- Buddy system for heavy lifts
- Use lifting/transport equipment
- Use caution when setting loads.
- Machine guards/enclosures
- Wear required PPE
 - Hard Hat
 - Steel Toed Boots
 - Safety Glasses w/ side shields
 - Reflective Vest
 - Hearing Protection, as needed.
- Use caution around equipment lift materials.
- Wear required PPE.
- Wear required PPE.
- Wear D-ring harness w/ restraint cable system at approved anchor points
- Wear required PPE
- Backup Alarms on all equipment
- Traffic control and Watchman

Activity Hazard Analysis No. 1 Debris Removal and Staging (cont.)		Analyzed By/Date: _____ Reviewed By/Date: _____
Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Vehicle Operation	Rollover	<ul style="list-style-type: none"> • Stay within the speed limit specified. • Follow manufacturer's recommended payload. • Use Seatbelts/ROPS • For ATVs, gloves and helmets are required. • Utilize only licensed and trained operators. • Ensure equipment is not operated on excessive grades to prevent rollovers.
Equipment operations	Equipment Failure	<ul style="list-style-type: none"> • Inspect equipment prior to daily operation. • Ensure all roll cages and guards are in place and back up alarms operate • OEM equipment modifications <u>only</u>. • Machine guarding and enclosures
Equipment to be Used	Inspection Requirements	Training Requirements
Trucks, Hand Tools, Graders, Bulldozers, Backhoes	Daily inspection of equipment prior to operation	<ul style="list-style-type: none"> • Utilize only trained and experienced operators for operation of equipment. • Site Specific Training – Toolbox safety meetings, Fall Protection System (if applicable)

1 associated with cold/hot work environments, noise, hand/arm vibration and ultraviolet (UV)
2 light.

3 **4.2.1 Heavy Equipment and Vehicle Operation**

4 Excavators, front-end loaders, haul trucks, graders, and other heavy equipment will be used
5 on this project to demolish the tram and power towers, excavate contaminated soil, construct
6 and repair roads, grade work areas, and remove debris. There is a potential for workers to be
7 struck by these vehicles or to be injured by contact with exposed mechanical parts (i.e., gears
8 and pulleys). In addition, there is a risk of vehicle accidents and of fire during refueling.
9 AHA 10 provides specific guidance for refueling of vehicles and equipment. The majority of
10 the fuels at the site will be diesel which has a low vapor pressure and is a relatively low fire
11 risk. To control these hazards, regulated work areas will be established around each job site,
12 and safe distances will be maintained between workers and mechanical equipment. Mobile
13 equipment will be equipped with backup alarms, and spotters will be used to direct equipment
14 operators, particularly when dumping soil and rock, operating cranes, and loading haul trucks.
15 In addition, all exposed gears and pulleys on mechanical equipment will be guarded to
16 eliminate pinch and grab hazards. Vehicles will be equipped with fire extinguishers, and
17 spill-control equipment will be available during refueling operations in case a fuel, hydraulic
18 fluid, or lubricant release occurs.

19 **4.2.2 Vehicle Inspections**

20 All equipment and vehicles brought to the job site will be inspected for structural integrity,
21 cleanliness, operational performance, and proper functioning of safety devices in accordance
22 with the manufacturers' specifications before being put into service. Equipment not
23 conforming to operational and safety requirements will be repaired and re-inspected. Daily
24 inspections of vehicles and heavy equipment will follow the requirements of the equipment
25 manufacturers and EM 385-1-1, Section 16. Inspection forms are included in Appendix C.

26 Industrial vehicles will have backup alarms, seat belts, brakes, and lights. The operator will
27 take out of service any equipment that does not comply with the manufacturer's

1 specifications. Deficiencies will be noted and referred to the SS, who, in turn, will ensure that
2 all repairs are made before the vehicle is returned to service.

3 **4.2.3 Operator Qualifications**

4 Equipment operators must be qualified to operate the specific type of equipment or vehicle to
5 which each has been assigned. In addition, each operator must be proficient in the type of
6 equipment he/she will be using. The SS will ensure that a proficiency test is administered to
7 each operator for each type of equipment operated. Equipment operators may also be
8 required to be certified to operate certain types of OSHA-regulated vehicles, such as forklifts.
9 The SS will maintain a list of each operator and the equipment the operator is qualified to
10 operate.

11 **4.2.4 Equipment and Vehicle Safe Work Practices**

12 Operators, drivers, and passengers must wear seat belts at all times. Drivers and operators
13 must comply with state regulations governing the safe and legal operation of vehicles. Each
14 driver is responsible for ensuring that passengers are seated and properly secured before
15 moving the vehicle. Under no circumstance will personnel ride on fenders, running boards, or
16 vehicle tops; in buckets; on the lift forks of a forklift; on beds of dump trucks or pickup
17 trucks; or in any other area where a passenger cannot be secured by a properly installed seat
18 belt. Operators of heavy equipment must follow the regulations specific for the type of
19 equipment they are operating. Operators and drivers will obey signs, postings, and
20 instructions.

21 Those personnel directly involved with spotting for an operator are typically the personnel
22 allowed on the ground in the vicinity of the heavy equipment. Other personnel will remain a
23 safe distance away from operations. Personnel needing to approach heavy equipment while
24 the equipment is operating will observe the following protocols:

- 25 ■ Make eye contact with the operator (and spotter),
- 26 ■ Signal the operator to cease heavy equipment activity, if applicable, and
- 27 ■ Approach the equipment operator and inform the operator of intentions.

1 Before moving parked heavy equipment, the operator will visually inspect and walk around
2 the vehicle to ensure that the equipment is in good condition and that there are no personnel or
3 objects on the ground that could be damaged by vehicle movement. Operators will use
4 handrails and footholds for mounting and dismounting equipment (three points of contact).
5 Operators will follow equipment start-up procedures described in the appropriate operating
6 manual. Each operator will keep hauling equipment under positive control at all times. In
7 case of malfunction that impairs an operator's ability to control a piece of equipment, the
8 operator will use hydraulic systems such as blades, ripper, belly pan lowered to the ground,
9 and brakes, and shut down the equipment until help arrives and repairs are made. Heavy
10 equipment must have booms, forks, buckets, blades, belly pans, and any other similar part
11 lowered to the ground when the equipment is shut off. Heavy equipment has the right-of-way
12 over other traffic.

13 When temporarily parked, the keys are to remain in the ignition switch, except when the
14 vehicle is being used as a fall protection anchor. When the vehicle is used as a fall protection
15 anchor, the keys are to be removed and in the possession of the person using the fall
16 protection. Vehicle chocks are required to be used to reduce the potential for rolling when
17 parked.

18 **4.2.5 Traffic Control**

19 The speed limit for traffic is 15 miles per hour (mph) in all areas of the site except the main
20 roads (identified by the SSHO), where the speed limit is 25 mph. Special caution should be
21 taken near the personnel living area where the speed limit is 10 mph. The SSHO and SS may
22 temporarily change speed limits if required for safe operations. Speed limits apply to heavy
23 equipment as well as other vehicles. To minimize traffic hazards, specific traffic flow
24 patterns will be established in the AFS Ops Area. These flow patterns will be implemented
25 through portable traffic signs, by informing personnel in the daily toolbox safety meetings, or
26 over the radio. Flagmen may be used for traffic control wherever there is heavy traffic, where
27 there are "blind spots," and where there are road hazards. The SSHO may require flagmen for
28 any unsafe road condition.

1 **4.2.6 Site Roads and Slopes**

2 When the roads are wet, the roads may be slippery and may pose a driving hazard. Also,
3 there is a potential for loss of traction, falling or driving off the road, and overturning a
4 vehicle.

5 The SSHO will mark areas of known or potential hazards on a map on the lunchroom wall.
6 The SSHO and/or SS or alternate will regularly inspect site roads. The SSHO or designee
7 will discuss current site road hazards and the status of site roads (e.g., closed, under repair,
8 one way, etc.) at the daily toolbox safety meetings. Personnel will report unsafe road
9 conditions, if observed, to their supervisor or the SSHO.

10 With the exception of the cat trails, operators will not use equipment on slopes steeper than 10
11 percent (see Cat Trail Waiver Request, Appendix E) Operators will operate equipment with
12 booms, blades, buckets, beds, etc., lowered or in a stable position while on slopes.

13 **4.2.7 Weather Hazards**

14 St. Lawrence Island is subject to high winds, rain, and snow. On occasion, weather
15 conditions can become so severe as to present a danger to those working outdoors. In these
16 situations, work will stop, and the control measures discussed in Emergency Procedures
17 (Section 12 of this SSHP) will be followed.

18 **4.2.8 Thermal Stress**

19 Because all planned work activities will be conducted outside where environmental conditions
20 are typically wet, cold, and windy, there is a significant risk that site workers could develop
21 cold stress. In addition, for those workers required to wear chemical protective clothing, there
22 is a possibility that they could develop heat stress depending on their work activities. The
23 likelihood of such thermal illnesses occurring is dependent on environmental conditions, the
24 level of work activity, and the personal control measures that are used to manage heat loads
25 (work/rest cycles, use of clothing and/or cooling devices, hydration, etc.). Appropriate
26 control measures will be taken to manage these thermal stress concerns. These include the

1 use of “warm-up sheds” as necessary. The SSHO, for example, will monitor ambient
2 temperatures in the work area, track thermal workloads, and determine the need for personal
3 protective and administrative controls. In addition, all site workers will be instructed in the
4 recognition and control of thermal stress symptoms and in treatment procedures. To guard
5 against cold injury, appropriate clothing and warm shelters for rest periods will be provided.
6 ACGIH practices for cold stress will be implemented. A summary of the cold stress
7 prevention guidelines is provided as Appendix D. A copy of the ACGIH TLV handbook will
8 be available on site.

9 **4.2.9 Unexploded Ordnance/Explosives**

10 If unexploded ordnance (UXO) is found or suspected, workers will stop work and
11 immediately clear the area. The location of the UXO will be noted, and the SS will be
12 contacted for further instructions. Under no circumstances will suspected UXO locations be
13 left unmarked before workers leave the area.

14 **4.2.10 Excavations and Earthwork**

15 PCB-contaminated soils will be excavated at Site 31 (Figure 8) and in the AFS Ops Area
16 (Figure 9). Open excavations present a fall hazard to personnel and equipment working near
17 them. They can also collapse on and bury workers who enter them. To control these hazards,
18 soil conditions, excavation methods, and site entry/control will be closely monitored by the
19 SSHO.

20 Excavated soils will not be placed closer than 3 feet to the edge of an excavation, and
21 excavations greater than 4 feet in depth will be sloped 1.5 horizontal to 1 vertical as necessary
22 to ensure stability and prevent collapse. Under no circumstances will workers be allowed to
23 enter excavations deeper than 4 feet unless the excavations have been appropriately sloped. If
24 at all possible, work will be conducted in a manner that precludes the need for workers to
25 enter excavations, with the exception of soil sample collection. When sampling is necessary,
26 only trained workers will be used, and the SSHO will monitor the entire sampling activity.

RELEVANT USACE HAZARD TOPICS

SECTION 16

MACHINERY AND MECHANIZED EQUIPMENT

16.A GENERAL

16.A.01 Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested in accordance with the manufacturer's recommendations and requirements of this manual and shall be certified in writing by a competent person to meet the manufacturer's recommendations and requirements of this manual. Subsequent reinspections will be conducted at least annually thereafter. All safety deficiencies noted during the inspection shall be corrected prior to the equipment being placed in service at the project. If at anytime the machinery or mechanized equipment is removed and subsequently returned to the project (other than equipment removed for routine off-site operations as part of the project), it shall be reinspected and recertified prior to use.

a. The Contractor shall keep records of tests and inspections. These records shall be made available in a timely manner upon request of the GDA and, when submitted, shall become part of the official project file.

b. The Contractor shall provide the GDA ample notice in advance of any equipment entering the site so that he/she may observe the Contractor's inspection process and so that spot checks may be conducted.

16.A.02 Daily/shift inspections and tests.

a. All machinery and equipment shall be inspected daily (when in use) to ensure safe operating conditions. The employer shall designate competent persons to conduct the daily inspections and tests.

b. Tests shall be made at the beginning of each shift during which the equipment is to be used to determine that the brakes

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and operating systems are in proper working condition and that all required safety devices are in place and functional.

16.A.03 Whenever any machinery or equipment is found to be unsafe, or whenever a deficiency that affects the safe operation of equipment is observed, the equipment shall be immediately taken out of service and its use prohibited until unsafe conditions have been corrected.

- a. A tag indicating that the equipment shall not be operated, and that the tag shall not be removed, shall be placed in a conspicuous location on the equipment. **>See Section 8.** Where required, lockout procedures shall be used. **> See Section 12.**
- b. The tag shall remain in its attached location until it is demonstrated to the individual deadlining the equipment that it is safe to operate.
- c. When corrections are complete, the machinery or equipment shall be retested and re-inspected before being returned to service.

16.A.04 Machinery and mechanized equipment shall be operated only by designated qualified personnel.

- a. Machinery or equipment shall not be operated in a manner that will endanger persons or property nor shall the safe operating speeds or loads be exceeded.
- b. Getting off or on any equipment while it is in motion is prohibited.
- c. Machinery and equipment shall be operated in accordance with the manufacturer's instructions and recommendations.
- d. The use of headphones for entertainment purposes (e.g., AM/FM radio or cassette) while operating equipment is prohibited.

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maintenance and repairs conducted during the life of a contract shall be made available upon request of the GDA.

b. All machinery or equipment shall be shut down and positive means taken to prevent its operation while repairs or manual lubrications are being done. Equipment designed to be serviced while running are exempt from this requirement.

c. All repairs on machinery or equipment shall be made at a location that will protect repair personnel from traffic.

d. Heavy machinery, equipment, or parts thereof that are suspended or held apart by slings, hoist, or jacks also shall be substantially blocked or cribbed before personnel are permitted to work underneath or between them.

16.A.09 Bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment shall be either fully lowered or blocked when being repaired or when not in use. All controls shall be in a neutral position, with the engines stopped and brakes set, unless work being performed on the machine requires otherwise.

16.A.10 Stationary machinery and equipment shall be placed on a firm foundation and secured before being operated.

16.A.11 All mobile equipment and the areas in which they are operated shall be adequately illuminated while work is in progress.

16.A.12 Equipment powered by an internal combustion engine will not be operated in or near an enclosed area unless adequate ventilation is provided to ensure the equipment does not generate a hazardous atmosphere.

16.A.13 All vehicles that will be parked or are moving slower than normal traffic on haul roads shall have a yellow flashing light or four-way flashers visible from all directions.

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16.A.19 No modifications or additions that affect the capacity or safe operation of machinery or equipment shall be made without the manufacturer's written approval.

a. If such modifications or changes are made, the capacity, operation, and maintenance instruction plates, tags, or decals shall be changed accordingly.

b. In no case shall the original safety factor of the equipment be reduced.

16.A.20 Steering or spinner knobs shall not be attached to the steering wheel unless the steering mechanism prevents road reactions from causing the steering handwheel to spin. When permitted, the steering knob shall be mounted within the periphery of the wheel.

16.A.21 Safeguards shall be provided to prevent machinery and equipment operating on a floating plant from going into the water.
> **See also 16.F.06.**

16.A.22 All powered-industrial trucks shall meet the requirements of design, construction, stability, inspection, testing, maintenance, and operation defined in ANSI/ASME B56.1.

16.A.23 All powered-industrial trucks, lift trucks, stackers, and similar equipment shall have the rated capacity posted on the vehicle so as to be clearly visible to the operator. When the manufacturer provides auxiliary removable counterweights, corresponding alternate rated capacities also shall be clearly shown on the vehicle. The ratings shall not be exceeded.

16.A.24 Only trained and authorized operators shall be permitted to operate a powered-industrial truck. Training must be both classroom and practical operation of the same type of truck the student uses on the job. Training shall be provided in accordance with OSHA Standard 29 CFR 1910.178. The employer must certify that the operator has been trained and evaluated as required by the standard. The certification shall include the name of the operator.

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16.A.33 Tire service vehicles shall be operated so that the operator will be clear of tires and rims when hoisting operations are being performed. Tires large enough to require hoisting equipment will be secured from movement by continued support of the hoisting equipment unless bolted to the vehicle hub or otherwise restrained.
> **Also see 16.B.06.**

16.A.34 Each bulldozer, scraper, dragline, crane, motor grader, front-end loader, mechanical shovel, backhoe, and other similar equipment shall be equipped with at least one dry chemical or CO₂ fire extinguisher with a minimum rating of 5-B:C.

16.A.35 Fill hatches on water haul vehicles shall be secured or the opening reduced to a maximum of 8 in (20.3 cm).

16.B GUARDING AND SAFETY DEVICES

16.B.01 Reverse signal (back-up) alarm.

a. All self-propelled construction and industrial equipment, whether moving alone or in combination, shall be equipped with a reverse signal alarm. > **Equipment designed and operated so that the operator is always facing the direction of motion does not require a reverse signal alarm.**

b. Reverse signal alarms shall be audible and sufficiently distinct to be heard under prevailing conditions.

c. Alarms shall operate automatically upon commencement of backward motion. Alarms may be continuous or intermittent (not to exceed 3-second intervals) and shall operate during the entire backward movement.

d. Reverse signal alarms shall be in addition to requirements for signal persons.

16.B.02 A warning device or signal person shall be provided where there is danger to persons from moving equipment, swinging loads, buckets, booms, etc.

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installed on split rims, or rims equipped with locking rings of similar devices. > **Also see 16.A.33.**

16.B.07 No guard, safety appliance, or device shall be removed from machinery or equipment, or made ineffective, except for making immediate repairs, lubrications, or adjustments, and then only after the power has been shut off. All guards and devices shall be replaced immediately after completion of repairs and adjustments and before power is turned on.

16.B.08 Seatbelts and anchorages meeting the requirements of 49 CFR 571 shall be installed and worn in all motor vehicles (installation and usage on buses is optional). Two-piece seat belts and anchorages for construction equipment shall comply with applicable Federal specifications or Society of Automotive Engineers (SAE) Standard J386.

16.B.09 All high rider industrial trucks shall be equipped with overhead guards that meet the structural requirements defined in paragraph 4.21 of ANSI/ASME B56.1.

16.B.10 Suitable protection against the elements, falling or flying objects, swinging loads, and similar hazards shall be provided for operators of all machinery or equipment. Glass used in windshields or cabs shall be safety glass.

16.B.11 Falling object protective structures (FOPS).

a. All bulldozers, tractors, or similar equipment used in clearing operations shall be provided with guards, canopies, or grills to protect the operator from falling and flying objects as appropriate to the nature of the clearing operations.

b. FOPS for other construction, industrial, and grounds-keeping equipment will be furnished when the operator is exposed to falling object hazards.

16.B.14 All machinery or equipment and material hoists operating on rails, tracks, or trolleys shall have positive stops or limiting devices either on the equipment, rails, tracks, or trolleys to prevent overrunning safe limits.

16.B.15 Under the following circumstances, long-bed end-dump trailers used in off-road hauling should be equipped with a roll-over warning device. The device should have a continuous monitoring display at the operator station to give the operator a quick and easily read indicator and audible warning of an unsafe condition.

- a. The material being dumped is subject to being stuck or caught in the trailer rather than exiting the bed freely, and
- b. The dumpsite cannot be maintained in a nominally level condition (lateral slope less than 1° - 2°).

16.C CRANES AND DERRICKS - GENERAL

16.C.01 Unless otherwise specified, the requirements of this Section are applicable to all cranes and derricks of the types listed in Table 16-1.

16.C.02 Every crane shall have the following documents with them (in the cab) at all times they are to be operated:

- a. A copy of the operating manual developed by the manufacturer for the specific make and model of the crane; a copy of the operating manual for any crane operator aids with which the crane is equipped.
- b. A copy of the load-rating chart for the crane/derrick in use (separate or included in the operating manual), which shall include:

- (1) The crane make and model, serial number, and year of manufacturer;

3.A.04 When work is being performed overhead, tools not in use shall be secured or placed in holders.

3.A.05 Throwing tools or materials from one location to another or from one person to another, or dropping them to lower levels, shall not be permitted.

3.A.06 Only non-sparking tools shall be used in locations where sources of ignition may cause a fire or explosion.

3.A.07 Tools requiring heat treating or redressing shall be tempered, formed, dressed, and sharpened by personnel who are experienced in these operations.

3.A.08 The use of cranks on hand-powered winches or hoists is prohibited unless the hoists or winches are provided with positive self-locking dogs. Hand wheels with exposed spokes, projecting pins, or knobs shall not be used.

3.A.09 Hydraulic fluid used in powered tools shall retain its operating characteristics at the most extreme temperatures to which it will be exposed. **> For underground use, see 26.D.07.**

3.A.10 Manufacturers' safe operating pressures for hydraulic hoses, valves, pipes, filters and other fittings shall not be exceeded.

3.A.11 All hydraulic or pneumatic tools that are used on or around energized lines or equipment shall have non-conducting hoses of adequate strength for the normal operating pressures.

3.A.12 When fuel-powered tools are used in enclosed spaces, the requirements for concentrations of toxic gases and use of PPE, as outlined in Sections 5 and 6 of this manual, shall apply.

3.A.13 Clothing.

- a. PPE shall be used as outlined in Sections 5 and 6 of this manual.

- b. Loose and frayed clothing, loose long hair, dangling jewelry (including dangling earrings, chains, and wrist watches) shall not be worn while working with any power tool.

13.A.14 See Section 11.C for grounding requirements.

13.A.15 The electrical power control shall be provided on each machine/power tool to make it possible for the operator to cut off the power for the machine/power tool without leaving the point of operation.

13.A.16 Where injury to the operator may result if motors were to restart after power failures, provisions shall be made to prevent machines/power tools from automatically restarting upon restoration of power.

13.A.17 Floor- and bench-mounted power tools shall be anchored or securely clamped to a firm foundation. Anchoring or securing shall be sufficient to withstand lateral or vertical movement.

13.B GRINDING AND ABRASIVE MACHINERY

13.B.01 With the exception of the following, abrasive wheels shall be used only on machines provided with safety guards: **> see ANSI B74.2 for descriptions of abrasive wheel types**

- a. Wheels used for internal work while within the work being ground;
- b. Mounted wheels, 2 in (5 cm) and smaller in diameter, used in portable operations;
- c. Types 16, 17, 18, 18R, and 19 cones and plugs and threaded hole pot balls where the work offers protection or where the size does not exceed 3 in (7.6 cm) in diameter by 5 in (12.7 cm) long;

d. Type 1 wheels not larger than 2 in (5 cm) in diameter and not more than 1/2 in (1.2 cm) thick, operated at peripheral speeds less than 1800 surface-feet per minute (ft/min) (9.1 surface-m/s) when mounted in mandrels driven by portable drills;

e. Type 1 reinforced wheels not more than 3 in (7.6 cm) in diameter and 1/4 in (0.6 cm) in thickness, operating at peripheral speeds not exceeding 9500 surface-ft/min (48.3 surface-m/s), if safety glasses and face shield protection are worn.

13.B.02 Tongue guards on hand held power grinders shall be adjustable to within 1/4 in (0.6 cm) of the constantly decreasing diameter of the wheel at the upper opening.

13.B.03 Grinding machines shall be supplied with power sufficient to maintain the spindle speed at safe levels under all conditions of normal operation.

13.B.04 Work or tool rests shall not be adjusted while the grinding wheel is in motion.

13.B.05 Tool rests on power grinders shall not be more than 1/8 in (0.3 cm) distance from the wheel.

13.B.06 All abrasive wheels shall be closely inspected and ring-tested before mounting: cracked or damaged grinding wheels shall be destroyed.

13.B.07 Grinding wheels shall not be operated in excess of their rated safe speed.

13.B.08 Floor stand and bench-mounted abrasive wheels used for external grinding shall be provided with safety guards (protective hoods).

a. The maximum angular exposure of the grinding wheel periphery and sides shall be not more than 90°, except that

when work requires contact with the wheel below the horizontal plane of the spindle the angular exposure shall not exceed 125°; in either case, the exposure shall begin not more than 65° above the horizontal plane of the spindle.

b. Safety guards shall be strong enough to withstand the effect of a bursting wheel.

13.C POWER SAWS AND WOODWORKING MACHINERY

13.C.01 All woodworking machinery shall be operated and maintained in accordance with ANSI 01.1.

13.C.02 Guarding.

a. Circular saws shall be equipped with guards that automatically and completely enclose the cutting edges, splitters, and anti kickback devices.

b. All portable power-driven circular saws shall be equipped with guards above and below the base plate or shoe. The upper and lower guards shall cover the saw to the depth of the teeth, except for the minimum arc required to permit the base to be tilted for bevel cuts and for the minimum arc required to allow proper retraction and contact with the work, respectively. When the tool is withdrawn from the work, the lower guard shall automatically and instantly return to the covering position.

c. Blades of planers and jointers shall be fully guarded and have cylindrical heads with throats in the cylinder.

d. Band saw blades shall be fully enclosed except at the point of operation.

e. Additional guarding requirements for fixed (non portable) woodworking machinery are contained in Appendix E.

13.E.09 The tool operator shall wear safety goggles or other face and eye protection.

13.F CHAIN SAWS

13.F.01 All chain saws shall have an automatic chain brake or kickback device.

13.F.02 The idle speed shall be adjusted so that the chain does not move when the engine is idling.

13.F.03 Operators will wear PPE. Eye, ear, hand, foot (safety shoes), and leg protection are required as a minimum.

13.F.04 Chain saws will not be fueled while running, while hot, or near an open flame. Saws will not be started within 10 ft (3 m) of a fuel container.

13.F.05 The operator will hold the saw with both hands during all cutting operations.

13.F.06 A chain saw must never be used to cut above the operators' shoulder height.

13.F.07 See Section 31 for tree maintenance and removal requirements.

13.G ABRASIVE BLASTING EQUIPMENT

13.G.01 Hose and hose connections shall be designed to prevent build up of static electricity.

13.G.02 All connections and nozzles shall be designed to prevent accidental disengagement. All connections shall be equipped with safety lashings. > **See 20.A.16**

13.G.03 Nozzle attachments shall be of metal and fit on the outside of the hose. A deadman-type control device shall be

provided at the nozzle to cut off the flow if the operator loses control of hose. A support shall be provided on which the nozzle may be mounted when it is not in use.

13.G.04 Additional requirements on abrasive blasting are in Sections 5 and 6.

18.C.09 All motor vehicles shall be shut down prior to and during fueling operations. > **See 16.A.15.**

18.D ALL TERRAIN VEHICLES (ATV)

18.D.01 Every ATV operator shall have completed a nationally-recognized accredited ATV training course (such as provided by the Specialty Vehicles Institute of America or in-house resources that have been certified as trainers by an accredited organization) prior to operation of the vehicle. The operator must pass an operating skills test prior to being allowed to operate an ATV. Proof of completion of this training shall be made available to the GDA upon request.

18.D.02 The manufacturer's recommended payload shall not be exceeded at any time.

18.D.03 Gloves and an approved motorcycle helmet with full-face shield or goggles shall be worn at all times while operating a Class I ATV.

18.D.04 ATVs shall be used only off-road (no paved road use unless allowed by the manufacturer).

18.D.05 ATVs shall be driven during daylight hours (unless properly equipped with lights for night use).

18.D.06 Only ATVs with four or more wheels may be used.

18.D.07 Passengers are prohibited on Class I ATVs.

18.D.08 All ATVs shall be equipped with a warning signal device (horn), tail lights, and stop lights.

18.D.09 A copy of the operators manual will be kept on the vehicle and protected from the elements (if practicable).

18.D.10 Tires shall be inflated to the pressures recommended by the manufacturer.

18.D.11 ATVs will be equipped with mufflers.

18.D.12 All ATVs shall be equipped with spark arresters.

18.D.13 All Class II ATVs shall be equipped with ROPS.

18.E AIRCRAFT

18.E.01 All non-military aircraft shall be registered, certified in the appropriate category, and maintained in accordance with the airworthiness standards of the FAA. (If used OCONUS, and not prohibited by other regulation such as ER 95-1-1, registration, certification, and maintenance in accordance with the standards of a comparable governing body of foreign or international authority may be substituted for those of the FAA.)

18.E.02 All contract pilots or pilots of chartered aircraft shall hold at least a commercial pilot certificate with instrument rating. All pilots of non-military aircraft shall possess ratings to comply with the FAA Regulation governing the aircraft and operations involved.

18.E.03 All non-military aircraft shall be equipped with a two-way radio.

18.E.04 All non-military flight operations shall be in accordance with the FAA rules governing conduct for the specific operation. (Examples are 14 CFR 133 (Federal Aviation Regulation 133); 14 CFR 135 (Federal Aviation Regulation 135); and 14 CFR 91 (Federal Aviation Regulation 91).

18.E.05 All military flight operations shall be conducted under appropriate DOT/DOD regulations, such as the AR 95 Series.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 017

Date or Time Period
Monday July 11, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM: Low clouds/thick fog, moderate precipitation, moderate winds (10-20 MPH with higher gusts). PM: Low clouds, low to moderate winds (+ 10 MPH with higher gusts).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No.
 Initial: Yes. Remove Debris on Lower Mountain, Roads, Pads, and Cargo Beach
 Follow-up: Yes. Pole removal site checks.
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Removed wooded and weighed poles from along three lines (Pole Group A, Pole Group B, and Pole Line 5) located in the lower mountain tundra.3. Hauled containers from beach to AFS Ops Area.4. Total personnel: 20.

Manpower On Site

Personnel	Classification	Monday	Hours	Off Island
BEESC		7-11-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer		11	
Sam Mokiuyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								6	
Ford Lube/Fuel Tk	50-201	3							2.5	
Ottawa Yard Goat-5 th wheel	50-320								1	
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329	10							14.5	
Kenworth Tractor-5 th wheel	50-330	10							4	
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352	6.5							1.5	
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
.RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501	10.5							6.5	
Cat 988B loader w/bucket & forks	50-505	10							26	
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800								3.5	
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200								19.5	
Hitachi EX120 Excavator	51-204								41	

Materials Received to be Used on or Incorporated into Site

Miscellaneous field materials and replacement parts for communication system arrived around 8 PM via air delivery.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact? Yes No

Are there any Government-caused delays or potential finding of fact? Yes No

Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	6	7
Activity: CL001001, CTP-1			
Activity: CL001003, CTP-3			
Activity: CL000903, Pole Group A			95%
Activity: CL000904, Pole Group B			95%
Activity: CL000906, Pole Line 5			95%

Accumulative tonnage of concrete removed: 63.215 (7/8/05) +63.38 (7/10/05)=126.595

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Communication system failure continuing to create off-island coordination problems with BEESC Anchorage office, the USACE, and providers of vital equipment and supplies.
- Inclement weather conditions continuing to delay air flight delays carrying equipment/supplies and arrival of pertinent personnel.
- Completed CLIN Activity CL000903, CL000904, and CL000906.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000101	7/4/05	CL001002	7/5/05	CL00301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijt
CQCSM Signature

7/12/05
Date

Robert Seibel
Site Superintendent Signature

7-12-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature	Date	Supervisor's Initials	Date
---------------	------	-----------------------	------

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily. Flights today cancelled due to continued inclement weather; QAR to continue to stand-by for tomorrow Tuesday, 12 July. Wooden pole groups A, B, and Line 5 (Clin's 903, 904 and 906) and cables (CLIN 912) reportedly completed in retrieval the past few days (Reported satellite tele-comm' failures require further attention on-site).

QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *ABE/* *15 JULY*
QAR *195*

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

INITIAL PHASE CHECKLIST

CONTRACT NO.: W911KB-04-C-0019

DATE: July 11, 2005, 08:30-09:30

PROJECT: White Alice Tram and Debris Removal

DEFINABLE FEATURE WORK: Remove Debris on Lower Mountain, Roads, Pads, and Cargo Beach

GOVERNMENT REPRESENTATIVE NOTIFIED _____ HOURS IN ADVANCE (QAR off island).

I. Personnel Present, Including Work Crew:

	NAME	POSITION	COMPANY
1.	Henry Seipt	CQCSM	BEESC
2.	Rollie Goebel	Site Superintendent	BEESC
3.	Mac McDonald	Foreman	BEESC
4.			
5.			
6.			
7.			
8.			

II. Indicate Exact Location of Feature / Item Inspected: Numerous locations in the muskeg tundra west of the Cargo Beach Road and north of the road to Sites 24/25, several sites adjacent to the Cargo Beach Road, Site 24 and 25, and in proximity to AFS Ops area.

III. Materials and Equipment Being Used Are In Strict Compliance With Contract

Requirements. Yes. Road and off-road vehicles to access debris sites, off-road lifting and hauling equipment, hand tools, and debris containers present on NE Cape.

If Not, Explain

IV. Procedures and / or Work Methods Witnessed Are In Strict Compliance With Contract

Requirements: Yes. The various types of debris will be removed, reduced in size if necessary, and loaded into sea-going containers (connexes), sealed, weighed, and the containers stockpiled for subsequent sea shipment from NE Cape to a designated landfill for disposal. Unpainted wood will be burned on-island and the generated ash collected and disposed of off-island.

If Not, Explain:

V. Construction Tolerances and Workmanship Standards Are In Strict Compliance

With Contract Requirements : Yes. Workmanship standards, i.e., removal of the USACE designated debris, delineated in Appendix H of the CQC Plan.

State Areas Where Improvement is Needed: _____

VI. Required Inspection and Tests Are Demonstrated and In Strict Compliance With

Contract Requirements: Yes. Visual field checks will be completed to ensure USACE designated debris is found and removed. No testing of any sort is associated with this DFW.

If Not, Explain:

VII. Safety Procedures of Hazard Analysis Followed: Yes. Chemical hazards are not anticipated to be encountered during completion of the DFW. Level D PPE should provide adequate safeguards against any physical hazards associated with this DFW.

If Not, Explain Corrective Action: _____

VIII. Instruction Received From Government Representative (Include Any Discussion On Testing, Control Procedures, and Definitive Description of the Agreed On Quality of Workmanship):

1. None.


Quality Control Representative

Quality Assurance Representative

FOLLOW-UP PHASE CHECKLIST

Contract No.: W911KB-04-C-0019

Date: July 11, 2005

Definable Feature: Remove Debris on Lower Mountain, Roads, Pads, and Cargo Beach

Government Representative Notified _____ Hours in Advance (QAR off island)

CLLIN Activities: CL000904 and CL000906.

I. Personnel Present:

Name	Position	Company/Government
H. Scipt	CQCSM	BEESC
T. Petersen	SSHO	BEESC

II. Identify full compliance with procedures identified at preparatory, including plans, specifications, and submittals.

Comments: Removal of Pole Group B and Pole Line 5 were observed in the field by H. Scipt and/or T. Petersen to evaluate compliance with removal procedures specified in BEESC's Work and Demolition Plan. Both sets of poles were creosote-treated wood.

III. Completed Work

Ensure work is complete and in compliance with contract requirements. If not, what action is taken?

On Pole Line 5, all poles were removed from the ground. At Pole Group 5, the poles were not able to be completely removed from the ground, thus, requiring the cutting of the poles at ground level.

IV. Resolve any differences.

Record Drawings Updated: N/A

The pole group and the pole line as delineated by the USACE were found in the field.

Date

Corrective Action Log Updated: N/A

Date

Comments: _____

V. Check Safety.

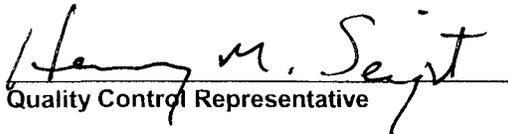
Review job conditions using EM-385-1-1 and job hazard analysis.

Job Hazard/Safety Program Reviewed for Effectiveness:

July 11, 2005

Date

Comments: An off-road vehicle and trailer with a boom attachment were used to complete each CLIN activity. The boom was used to lift cut poles into the trailer. At Pole Group B a chain saw (used with appropriate Level D PPE and chaps) was required to reduce the poles into manageable lengths and to cut the poles off at ground level. No safety incidents occurred during the CLIN activities.


 Quality Control Representative

 Quality Assurance Representative

FOLLOW-UP PHASE CHECKLIST

Contract No.: W911KB-04-C-0019

Date: July 11, 2005

Definable Feature: Remove Debris on Lower Mountain, Roads, Pads, and Cargo Beach

Government Representative Notified _____ Hours in Advance (QAR off island)

CLLIN Activities: CL000904 and CL000906.

I. Personnel Present:

Name	Position	Company/Government
H. Seipt	CQCSM	BEESC
T. Petersen	SSHO	BEESC

II. Identify full compliance with procedures identified at preparatory, including plans, specifications, and submittals.

Comments: Removal of Pole Group B and Pole Line 5 were observed in the field by H. Seipt and/or T. Petersen to evaluate compliance with removal procedures specified in BEESC's Work and Demolition Plan. Both sets of poles were creosote-treated wood.

III. Completed Work

Ensure work is complete and in compliance with contract requirements. If not, what action is taken?

On Pole Line 5, all poles were removed from the ground. At Pole Group 5, the poles were not able to be completely removed from the ground, thus, requiring the cutting of the poles at ground level.

IV. Resolve any differences.

Record Drawings Updated: N/A

The pole group and the pole line as delineated by the USACE were found in the field.

Date

Corrective Action Log Updated: N/A

Date

Comments: _____

V. Check Safety.

Review job conditions using EM-385-1-1 and job hazard analysis.

Job Hazard/Safety Program Reviewed for Effectiveness:

July 11, 2005

Date

Comments: An off-road vehicle and trailer with a boom attachment were used to complete each CLIN activity. The boom was used to lift cut poles into the trailer. At Pole Group B a chain saw (used with appropriate Level D PPE and chaps) was required to reduce the poles into manageable lengths and to cut the poles off at ground level. No safety incidents occurred during the CLIN activities.



 Quality Control Representative

 Quality Assurance Representative

Date: 07/11/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls

Level D PPE

Heavy equipment operation

Laborers to maintain safe working distance to equipment and use spotters as necessary.

Exposed gears and pulleys on mechanical equipment to be guarded to eliminate pinch and grab hazards.

Be aware of swing arch distances on excavators and all boom-equipped machinery.

Laborers to make eye contact with operators when working around heavy equipment.

Concept to operators that slow is fast when moving heavy equipment around the site.

General site safety rules reviewed

Clin No: CL000904

Task to be accomplished: Remove (3) each wooden poles, approximately 8' long, 12-15" diameter. And terminal boxes.

Observations/Comments: Laborer Foremen Carl Calugan and 4 others performed the above task. Equipment used: Morooka (MST 2200) and trailer w/Farma 6540 arm extension, chain saw and disc cutter. Terminal boxes were removed from the poles by means of a disc cutter. Then utilizing a chain saw the poles were cut as close to ground surface as possible. The Morooka w/arm extension picked up and placed the pole sections into the trailer. The poles were then taken to the scale, weighed and documented. The materials were then staged, awaiting disposal by burning.

Recommendations/Comments: All personnel assigned to this task were familiar with this procedure. Specific safety precautions and hazards were addressed by the SS. PPE was level D with the addition of face shield and chaps for chain saw operations.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 018

Date or Time Period
Tuesday July 12, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 55-60

AM: Low clouds, light precipitation, light winds (<10 MPH). PM: High clouds, calm.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: Yes. Pole and debris removal site checks.
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Training on the use, care, stowage, doffing/donning procedures of the half face respirator conducted with Environmental Sampler by SSHO. Discussed PPE limitations, anticipated work place hazards, PCB's hazard, filters and serviceability/inspection of the respirator/mask.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Removed debris adjacent to the Cargo Beach Road south of the fish camp.3. Removed debris near beach ramp and along the beach front in the cargo loading area.4. Total personnel: 20.

Manpower On Site

Personnel	Classification	Tuesday	Hours	Off Island
BEESC				
		7-12-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								6	
Ford Lube/Fuel Tk	50-201	3							2.5	
Ottawa Yard Goat-5 th wheel	50-320								1	
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329	10	4						14.5	
Kenworth Tractor-5 th wheel	50-330	10	10						4	
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351									
Marooka MST 2200 Flatbed w/reel	50-352	6.5							1.5	
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
.RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501	10.5	5						6.5	
Cat 988B loader w/bucket & forks	50-505	10	2						26	
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800								3.5	
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200								19.5	
Hitachi EX120 Excavator	51-204		10.5						41	

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	7	8
Activity: CL001001, CTP-1			
Activity: CL001003, CTP-3			
Activity: CL000802, Debris Removal Cargo Beach			95%
Activity: CL000803, Debris Piles Cargo Beach Road			95%
Activity: CL001102, Debris Removal Cargo Beach Road			95%

Accumulative tonnage of concrete removed: 63.215 (7/8/05) +63.38 (7/10/05)=126.595

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Completed CLIN Activities CL000802, CL000803 and CL001102.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000101	7/4/05	CL001002	7/5/05	CL00301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

7/13/05
Date

[Signature]
Site Superintendent Signature

7-13-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A

Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

No QAR on-site. CLIN items are attached at the end of the Daily. Flights today again cancelled due to continued inclement weather; QAR to continue to stand-by for tomorrow Wednesday, 13 July. Beach Access Road clean-up (CLIN's 803 & 1102) and Beach cargo debris removals (CLIN 802) reportedly completed in retrieval the past few days (Reported satellite tele-comm' failures require further attention on-site).

QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills AOE/QAR 15 JULY
'05

QAR Signature **Date** **Supervisor's Initials** **Date**

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

FOLLOW-UP PHASE CHECKLIST

Contract No.: W911KB-04-C-0019

Date: July 12, 2005

Definable Feature: Remove Debris on Lower Mountain, Roads, Pads, and Cargo Beach

Government Representative Notified _____ Hours in Advance (QAR off island)

CLLIN Activities: CL000903, CL000912 and CL000803.

I. Personnel Present:

Name	Position	Company/Government
H.Script	CQCSM	BEESC

II. Identify full compliance with procedures identified at preparatory, including plans, specifications, and submittals.

Comments: Inspected three areas where material (poles, cable, and debris) removed.

III. Completed Work

Ensure work is complete and in compliance with contract requirements. If not, what action is taken?

At Pole Group A, poles were cut off at the ground level. Cable was removed in proximity to Building 98. Two debris piles were removed along the Cargo Beach Road south of the subsidence village.

IV. Resolve any differences.

Record Drawings Updated: N/A

Date

Corrective Action Log Updated: N/A

Date

Comments: Small lengths of armored cable need to be removed from around Building 98. The cable will be removed in conjunction with the Final Debris Clean Up CLIN.

V. Check Safety.

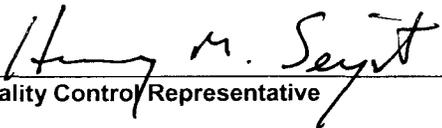
Review job conditions using EM-385-1-1 and job hazard analysis.

Job Hazard/Safety Program Reviewed for Effectiveness:

July 12, 2005

Date

Comments: No safety incidents occurred during the CLIN activities.


Quality Control Representative

Quality Assurance Representative

Date: 07/12/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls

Level D PPE

Thermal Stress (reviewed page 22 of SSHP)

Environmental factors that increase risk of thermal stress at site are wet, cold, and windy conditions

Management of thermal stress includes proper clothing (layering concept), rest periods, and warm up shelters.

General site safety rules reviewed

Clin No: CL000803-8

Task to be accomplished: Remove (2) piles of mixed wood and steel debris

Observations/Comments: Personnel assigned to the task were: Carl Calugan, (5) laborers and (1) equipment operator (Bill Thornton). The SS for the task was Carl Calugan.

The pictures below illustrate the loading of the Morooka with the aid of an excavator. The smaller debris was handled by the laborers, then placed in the Morooka. All personnel were in the proper PPE, level D. The operator was aware of all personnel within the swing arc of the excavator arm. The wood was transported to the scales, weighed, documented and then staged within close proximity of burn area awaiting disposal.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 019

Date or Time Period
Wednesday July 13, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM: Low clouds, light winds (<10 MPH).

PM: High clouds, light to moderate winds (< 10 to 20 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: Yes. Pole and debris removal site checks.
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. 2 BEESC personnel (Olanna and Curtain) arrived on island.3. 1 USACE personnel (Mills) arrived on island.4. 1 Arctic Catering personnel (Vicks) arrived on island.5. Removed pole group north of Site 24/25 road.6. Removed debris from face of landfill north of AFS Ops area.7. Placed plastic liners in soil Baker boxes.8. Moved connexes from Cargo Beach to staging site near AFS Ops.9. Total personnel: 24.

Manpower On Site

Personnel	Classification	Tuesday	Hours	Off Island
BEESC		7-12-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR			

Equipment On Site

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								6	
Ford Lube/Fuel Tk	50-201	3							2.5	
Ottawa Yard Goat-5 th wheel	50-320								1	
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329	10		10					14.5	
Kenworth Tractor-5 th wheel	50-330	10	10						4	
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351			2						
Marooka MST 2200 Flatbed w/reel	50-352	6.5		4.5					1.5	
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
.RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501	10.5	5	8					6.5	
Cat 988B loader w/bucket & forks	50-505	10	2						26	
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800								3.5	
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200								19.5	
Hitachi EX120 Excavator	51-204		10.5	10					41	

Materials Received to be Used on or Incorporated into Site

Baker box liners, communications equipment, and miscellaneous small materials arrived.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact? Yes No

Are there any Government-caused delays or potential finding of fact? Yes No

Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	7	8
Activity: CL001001, CTP-1			
Activity: CL001003, CTP-3			
Activity: CL000909, Debris Removal---Landfill Face			95%
Activity: CL000907, Pole Group D			95%

Accumulative tonnage of concrete removed: 63.215 (7/8/05) +63.38 (7/10/05)=126.595

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- One BEESC personnel arrived in AM (Olanna) and one in PM (Curtain).
- One Arctic Catering personnel (Vicks) arrived in PM.
- USACE's (Mills) QAR arrived in PM.
- Completed CLIN activities CL000909 and CL000907

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000101	7/4/05	CL001002	7/5/05	CL00301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05						

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Hy M. Seipt
CQCSM Signature

7/14/05
Date

[Signature]
Site Superintendent Signature

7-14-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

Weather down in the morning; QAR arrived on-site today via a Security Aviation charter at 2015 hours. CLIN items are attached at the end of the Daily. Poleline Group "D" (CLIN 907) and Landfill face debris removal (CLIN 909) reportedly completed in retrieval the past few days (Reported satellite tele-comm' failures require further attention on-site).

QAR reviewed this report on-site on Fri., 15 July.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ACSE* *15 JULY*
QAR *'05*

QAR Signature Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

FOLLOW-UP PHASE CHECKLIST

Contract No.: W911KB-04-C-0019

Date: July 13, 2005

Definable Feature: Remove Debris on Lower Mountain, Roads, Pads, and Cargo Beach

Government Representative Notified _____ Hours in Advance (QAR off island)

CLLIN Activities: CL000802, CL000803, CL 001102, and CL000907.

I. Personnel Present:

Name	Position	Company/Government
H.Seipt	CQCSM	BEESC

II. Identify full compliance with procedures identified at preparatory, including plans, specifications, and submittals.

Comments: Inspected three areas where material (poles and debris) removed.

III. Completed Work

Ensure work is complete and in compliance with contract requirements. If not, what action is taken?

At Pole Group D, poles were cut off at the ground level. Debris piles removed adjacent to the Cargo Beach Road and along Cargo Beach were inspected.

IV. Resolve any differences.

Record Drawings Updated: N/A

*SITE TOUR CONDUCTED
THURS. 14 JULY.*

Date

Corrective Action Log Updated: None

Date

V. Check Safety.

Review job conditions using EM-385-1-1 and job hazard analysis.

Job Hazard/Safety Program Reviewed for Effectiveness:

July 13, 2005

Date

Comments: No safety incidents occurred during the CLIN activities.

H. M. Seipt
Quality Control Representative

REVIEWED 16 JULY
S.A. Mills
Quality Assurance Representative *ACOE/QAR*

Date: 07/13/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls

Level D PPE

Scrap Metal Handling

Sharp edges

Proper lifting technique

Buddy system when lifting—2 man lifting preferred

General site safety rules reviewed

Clin No: CL000909-8

Task to be accomplished: Remove debris long exposed landfill face, Marston matting, pipe and cable. The exposed face is over 300' long and 3-5' high. Debris located approximately 500' north of AFS Ops.

Observations/Comments: Personnel assigned to the task were: SS Mac MacDonald, Operators Bill Thornton and Olaf Matson. The pictures below illustrate the collection, loading and transportation of debris collected at the landfill. Materials were placed into a truck for transport to the scale, weighed then staged for off island disposal. . All personnel maintained the proper PPE, level D for the duration of this task. This mechanical collection process concentrated on surface removal of debris.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 020

Date or Time Period
Thursday July 14, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM: Low clouds, breezy (sustained winds >20 MPH).

PM: Sunny, windy (sustained winds 10-20 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved?

Yes No N/A

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity?

Yes No N/A

Have samples been properly labeled and packaged?

Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No N/A

Health and SafetyWorker protection levels this date: Level B Level C Level D Modified Level D Was any work activity conducted within a confined space? Yes No N/A Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A Were approved decontamination procedures used on workers and equipment as required? Yes No N/A Was a Job Safety Meeting held this day? Yes No N/A Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Completed site orientation meeting for 4 new on island arrivals.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Begin soil sampling activities.3. Continued placing plastic liners in Baker boxes.4. Cut and removed 4 antennas.5. Loaded Cummins engines and miscellaneous steel into connexes or onto shipping flats.6. Total personnel: 24.

Manpower On Site

Personnel	Classification	Thursday	Hours	Off Island
BEESC		7-14-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff		10	
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								6	
Ford Lube/Fuel Tk	50-201	3			5				2.5	
Ottawa Yard Goat-5 th wheel	50-320								1	
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329	10		10	10				14.5	
Kenworth Tractor-5 th wheel	50-330	10	10		3				4	
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351			2						
Marooka MST 2200 Flatbed w/reel	50-352	6.5		4.5	5.5				1.5	
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
.RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501	10.5	5	8	8				6.5	
Cat 988B loader w/bucket & forks	50-505	10	2		6				26	
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800				5				3.5	
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200								19.5	
Hitachi EX120 Excavator	51-204		10.5	10	4				41	

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	9	10
Activity: CL001001, CTP-1			
Activity: CL001003, CTP-3			
Activity: CL000913, Antennae Removal			95%
Activity: CL000806, Cummins Engine Removal			95%
Activity: CL001401, Soil Removal Excavation Area 31 (A-1,2, & 3)			20%

Accumulative tonnage of concrete removed: 63.215 (7/8/05) +63.38 (7/10/05)=126.595

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Completed CLIN activities CL000913 and CL000806.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05		

Note Activity CL000101 performed on 7/4/05 should read CL000103.

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Safety Tailgate at 0700 hours covered standard field concerns. Morning weather is mild with abundant fog. Crew is applied to more debris retrieval field work; Cummins tractor retrieved from beach and placed on a flatbed (CLIN 806); and antennae removal (CLIN 913), completed. CLIN items are attached at the end of the Daily. Site Supt Rollie Goebel, CQC Hank Seipt, and the QAR toured the entire site today; Truck scale in-place as reported; Cargo Beach Access Road and Cargo Beach area cleaned-up of prior debris; AST tank section underway in plasma torch cutting; Cat-trail improvement not yet attempted due to the fog.

Upon conclusion of the site tour, a couple of discrepancies are noted in the CLIN's of the CQC Plan. The CLIN's numbered 913 and 914 reveal two (2) antennae for removal from the Site 24 area, when in fact, there are seven (7). This error appears to be an oversight from the field notes-of-record from 2003. Also, there appears to be an additional, as-yet non-identified pole line group that may have been assumed to be Pole Line Group "C" (CLIN 905) ...

The debris in CLIN 905 is defined to extend from the airstrip in a Southerly direction to the former AFS Operations (AFS Ops) area. The felled debris is described to be metal poles measuring in length approx'ly 20 feet, and while the exact number is not known, the cited assumption is made for about 50, 2-inch diameter metal poles separated about 100 feet apart. The airstrip trends in a Northeast/ SouthWest direction.

The Ops area is South of the current airstrip. As the Ops area access road proceeds from the airstrip, metal poles are in evidence on the South side of the access road that appear to trend parallel and Southeasterly with the access road, which then about mid-course along the access road, trend Southerly in direction towards the Ops area; but another line of wooden poles appear evident with the unaided eye that commence about 20 lineal yards from the current trailers staging area pad at mid-airstrip, that also trends Southerly, directly towards the Ops area – but this pole line does not appear to be listed in the Plan. From his trailer, the QAR can count 4 weathered wood timbers measuring five (5) to seven (7) feet in length situated in a line within 50 lineal yards from the point of observation, trending towards a small knoll some 70 to 100 lineal yards away where other smaller pole-like debris are observed.

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grnd. And some on grnd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/14/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Date: 07/14/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls
Level D PPE
Cold weather issues
Hypothermia
Symptoms of hypothermia
Means of alleviating hypothermia
Foods to eat
Get out of the wind
Seek warm shelter
General site safety rules reviewed

Clin No: CL000913-9 and CL000914-9

Task to be accomplished: Removal of galvanized steel antennas, 60' long SE of site 24.

Observations/Comments: On 07132005 the towers were located and flagged each in order to facilitate the removal process. A total of (7) towers were located. (07142005) all towers associated with this task were horizontal on the ground surface. Towers were cut into manageable sections, lifted using the extension arm on the Morooka trailer and placed into the Morooka for transport. The PPE level for the evolution was "D" with the addition of a face shield during cutting. During the initial lifting of the towers it was noted that the support cables for vertical positioning of the towers were still attached. Care should be exercised to ensure that situations where cables are placed under tension are avoided.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 021

Date or Time Period
Friday July 15, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 55-60

AM: High clouds, light winds (0 to 10 MPH).

PM: Sunny, light winds (0 to 10 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved?

Yes No N/A

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity?

Yes No N/A

Have samples been properly labeled and packaged?

Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Continued soil sampling activities.3. Continued placing plastic liners in Baker boxes.4. Continued plasma cutting of stockpiled scrap metal.5. Weighed and/or stockpiled connexes of scrap metal for off island transport.6. 1 BEESC personnel left island in PM.7. Total personnel: 23.

Manpower On Site

Personnel	Classification	Friday	Hours	Off Island
BEESC		7-15-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer		11	
Sam Mokiuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff		7	Today
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								6	
Ford Lube/Fuel Tk	50-201	3			5	8			2.5	
Ottawa Yard Goat-5 th wheel	50-320								1	
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329	10		10	10	10			14.5	
Kenworth Tractor-5 th wheel	50-330	10	10		3				4	
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351			2						
Marooka MST 2200 Flatbed w/reel	50-352	6.5		4.5	5.5				1.5	
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
.RFR10 Log Loader (Bailey Truck)	50-426									
Cat 980C loader w/bucket & forks	50-501	10.5	5	8	8	6.5			6.5	
Cat 988B loader w/bucket & forks	50-505	10	2		6	8			26	
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800				5	4			3.5	
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200								19.5	
Hitachi EX120 Excavator	51-204		10.5	10	4	9			41	

Materials Received to be Used on or Incorporated into Site

Office supplies, sample field test kits, plasma cutter, and vehicle/equipment mechanical parts.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact? Yes No

Are there any Government-caused delays or potential finding of fact? Yes No

Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	10	11
Activity: CL001001, CTP-1			
Activity: CL001003, CTP-3			50%
Activity: CL000914, Antennae Removal			
Activity: CL001401, Soil Removal Excavation Area 31 (A-1,2, & 3)			50%
Activity: CL001402, Soil Removal Excavation Area 31 B			50%
Activity: CL001403, Soil Removal Excavation Area 31 C			50%
Activity: CL001411-CL001415, Soil Removal Areas 7A-7E			50%
Activity: CL001404-CL001405, Soil Removal Areas 14 A & 14B			50%
Activity: CL001409, Site Removal Area 13 D & E			50%
Activity: CL000801, Welder Removal			95%
Activity: CL00804, Scrap Metal Removal	15.8 tons		5%

Accumulative tonnage of concrete removed: 63.215 (7/8/05) +63.38 (7/10/05)=126.595

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- One BEESC personnel left island by air charter.
- Completed CLIN activity CL000801.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	10	11
Activity: CL001001, CTP-1			
Activity: CL001003, CTP-3			50%
Activity: CL000914, Antennae Removal			
Activity: CL001401, Soil Removal Excavation Area 31 (A-1,2, & 3)	30%	20%	50%
Activity: CL001402, Soil Removal Excavation Area 31 B			50%
Activity: CL001403, Soil Removal Excavation Area 31 C			50%
Activity: CL001411-CL001415, Soil Removal Areas 7A-7E			50%
Activity: CL001404-CL001405, Soil Removal Areas 14 A & 14B			50%
Activity: CL001409, Site Removal Area 13 D & E			50%
Activity: CL000801, Welder Removal			95%
Activity: CL00804, Scrap Metal Removal	15.8 tons		5%

Accumulative tonnage of concrete removed: 63.215 (7/8/05) +63.38 (7/10/05)=126.595

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- One BEESC personnel left island by air charter.
- Completed CLIN activity CL000801.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Scept
CQCSM Signature

7/16/05
Date

Rollin [Signature]
Site Superintendent Signature

7-16-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Safety Tailgate at 0700 hours covered standard field concerns. Morning weather is mild with broken clouds and moderate fog, with fog clearing in afternoon. Site Supt Rollie Goebel reports this is the first view of the mountain today in 10 or 12 days.

As related in this report project summary, crew is applied to more debris retrieval field work. As reported, the CLIN 801 is completed as the previously staged debris-welder machine is secured; AST tank sections continued in plasma torch cutting; Cat-trail improvement not yet attempted due to the fog; QAR worked with the sub-ctr IT (Info Tech') on improving the Government office phone, recorder and computer set-up. QAR also completed a 2-week backlog of project Daily Reports and transmitted same. Preparatory Planning mtgs slated for tomorrow Saturday, 16 July for the mountain work and the tram tower demolitions.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ABE/QAR* *16 JULY '05*

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/14/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000910-9	One strand of 1 1/2" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 1/2" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Date: 07/15/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls
 Level D PPE
 Heavy equipment operation
 Avoid pinch point
 Eye contact with operator when working around heavy equipment
 Material handling and disposal
 Sharp object contact
 Heavy object lifting
 General site safety rules reviewed

Clin No: CL001401-14

Task to be accomplished: Excavate soil to various depths within excavation 31A, Bldg 1001.

Observations/Comments: Observed the removal of possible PCB contaminated soil from Bldg 1001, excavation 31A-1, 2 and 3 respectively. Depth of soil excavated ranged from .5" at 31A-1 to 2.0' at 31A-3. All personnel and equipment maintained an upwind posture to the excavations. PPE level D was observed by all assigned personnel. A plastic liner was placed into each Baker boxes where possible contamination soil was being excavated. The liner, Baker box provided the inner/outer wrap for hazardous materials transportation requirements. After completion of excavations within 31A the bucket of the excavator was scrubbed (decontaminated) to remove any soil to prevent possible cross contamination of the next excavation site.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 022

Date or Time Period
Saturday July 16, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 55-60

AM: High clouds, light precipitation calm to light winds (0 to 10 MPH). PM: High clouds, light to moderate precipitation, calm to light winds (0 to 10 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: Yes. 1) Demolish Tram and Water Line and 2) Remove Debris on Upper Mountain

Initial: No

Follow-up: No

Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Completed soil sampling excavations, but no sampling initiated.3. Continued plasma cutting of stockpiled scrap metal.4. Completed removal of antennas.5. Completed concrete pad removal of CTP 13-1.6. Weighed and/or stockpiled connexes of scrap metal, soil, and concrete for off island transport.7. Initiated clean up around Site 248. Total personnel: 23.

Manpower On Site

Personnel	Classification	Saturday	Hours	Off Island
BEESC		7-16-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	6	6
Ford Lube/Fuel Tk	50-201	3			5	8	8	24	2.5	26.5
Ottawa Yard Goat-5 th wheel	50-320							0	1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329	10		10	10	10	10	50	14.5	64.5
Kenworth Tractor-5 th wheel	50-330	10	10		3		2	25	4	29
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351			2				2	0	2
Marooka MST 2200 Flatbed w/reel	50-352	6.5		4.5	5.5		10	26.5	1.5	28
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
.RFR10 Log Loader (Bailey Truck)	50-426						9	9	0	9
Cat 980C loader w/bucket & forks	50-501	10.5	5	8	8	6.5	4.5	42.5	6.5	49
Cat 988B loader w/bucket & forks	50-505	10	2		6	8	3	29	26	54
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800				5	4	3	12	3.5	15.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200							0	19.5	19.5
Hitachi EX120 Excavator	51-204		10.5	10	4	9	10	43.5	41	84.5

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	11	12
Activity: CL001001, CTP-1	45%	50%	95%
Activity: CL001003, CTP-3			
Activity: CL000914, Antennae Removal			95%
Activity: CL001401, Soil Removal Excavation Area 31 (A-1,2, & 3)		50%	50%
Activity: CL001402, Soil Removal Excavation Area 31 B		50%	50%
Activity: CL001403, Soil Removal Excavation Area 31 C		50%	50%
Activity: CL001411-CL001415, Soil Removal Areas 7A-7E		50%	50%
Activity: CL001404-CL001405, Soil Removal Areas 14 A & 14B		50%	50%
Activity: CL001409- CL001410, Site Removal Area 13 D & E		50%	50%
Activity: CL001406-CL001408, Site Removal Area 13 A , 13 B & 13C	50%		50%
Activity: CL00804, Scrap Metal Removal	15.8 tons		5%
Activity: CL001105, Clean up of 1 acre around Site 24			5%

Accumulative tonnage of concrete removed: 63.215 (7/8/05) +63.38 (7/10/05)=126.595

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- One BEESC personnel left island by air charter.
- Completed CLIN activities CL001001 and CL000914.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijt
CQCSM Signature

7/18/05
Date

[Signature]
Site Superintendent Signature

7-18-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	95% (7/16/05)
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 1/2" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 1/2" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/14/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 1/2" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 1/2" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

PREPARATORY INSPECTION CHECKLIST

CONTRACT NO: W911-KB-04-C-0019

DATE: 7/16/05, 9:15-10:30

PROJECT: **White Alice Tram and Debris Removal**

DEFINABLE FEATURE OF WORK: **Remove Debris on Upper Mountain**

GOVERNMENT REPRESENTATIVE NOTIFIED ON 7/13/05 FOR SCHEDULING OF THE PREPARATORY MEETING.

I. Persons Required To Attend

Name	Position	Company/Government
Henry Script	CQCSM	BEESC
Rollie Goebel	Site Supervisor	BEESC
Mac McDonald	Crew Foreman	BEESC
Carl Calugan	Laborer Forman	BEESC
Toby Petersen	SSHO	BEESC
Sam Mills	QAR	USACE

II. Contractor/Subcontractors Involved With Activity

1. Yes. Insurance current & on hand?
2. No construction subcontractors used in field Insurance current & on hand?
3. _____ Insurance current & on hand?

III. Submittal Review

Have all transmittals been submitted and approved? Yes. All project plans have been submitted to the USACE and have been approved.

What items are delinquent or awaiting comments/approval?

1. No items are delinquent or awaiting comments/approval.
All equipment and personnel to complete the scope of work are present on Saint Lawrence Island.
Testing of equipment has been completed on island prior to its utilization on site work.
No field or analytical testing are required in this DFW.
2. _____

What items require re-submittal and why? _____

1. None.
2. _____
3. _____
4. _____

IV. Technical Specification Review

Have all paragraphs/technical requirements been covered?

Yes.

List of items you want to ensure were covered:

DFW Tasks: Demolish Tram and Water Line as delineated in the Work and Demolition Plan, Sections 5.4 and the SSHP, Section 2.4

Accident Prevention Plan---EM 385-1-1 (2003) in use at the site, Specifically Section 13, Hand and Power Tools, and Section 16 Machinery and Mechanized Equipment

Tasks associated with the DFW are delineated in the Work and Demolition Plan, Section 5.4 and in Appendix H of the CQC Plan

Task specific safety and health issues are address in the SSHP, Section 5.4

General site safety and health issues related to the task are delineated in the Activity Hazard Analysis, Table # 8 (Tram Tower Demolition) in the SSHP.

The SSHP requires the wearing of reflective vests in addition to standard/modified Level D PPE

Task Associated SSHP topics include:

Heavy Equipment Operation, Section 4.2.1

Vehicle Inspections, Section 4.2.2

Operator Qualifications, Section 4.2.3

Equipment and Vehicle Safe Work Practices, Section 4.2.4

Site Roads and Slopes, Section 4.2.6

Weather Hazards, Section 4.2.7Slips,

Trips and Falls, Section 4.2.11

PREPARATORY INSPECTION CHECKLIST

V. List of Specific Construction Tolerances/Testing

1. None. No sort of tolerance specification or testing is associated with the DFW. However, some debris will require size reduction to enable loading of the material into sea-going containers,

2. _____

3. _____

Are all reference publications/manufacturer's recommendations on hand and reviewed? _____ N/A

VI. Material/Equipment Review

Are all materials as submitted? _____ Yes
Do materials comply with Buy America Act? _____ N/A
Is equipment required? _____ Yes
Have equipment checklists been provided? Provided in daily report. _____ Yes

VII. Safety/Job Hazard Analysis

Was Hazard Analysis submitted for review prior to prep? In submitted Work and Demo Plan _____ Yes
Are there additions for JHA and were they incorporated? _____ No
Are Material Safety Data Sheets on hand and reviewed? In binder in Site Supervisor's office. _____ Yes
Does Resident Office have copies of 1566 and insurance? _____ Yes
Have items in Site Safety Health Plan been reviewed? _____ Yes
Is there a confined space? _____ No

VIII. Any Additional Concerns

Are there permits required for work? Hot Work Permit _____ No
Is notification for outage required? _____ No
What is time frame for any notifications? _____ N/A
What NAS Numbers are covered/used with this work? _____
Did CQC cover all elements on their checklists? _____ Yes/No
Has prep been completed successfully? _____ Yes/No

Henry M. Sept
Quality Control Representative

B.A. Mills ALBERT
Quality Assurance Representative QAR

1 **2.4 TASK-SPECIFIC ACTIVITIES**

2 The Scope of Work requires that a variety of tasks and activities be accomplished for each of
3 the work sites. Those tasks and activities include the following:

4 ■ **Barge Loading and Unloading.** Excavated soil and demolition debris will be
5 packaged at the site in Conexes. Workers will remain at a safe distance during the
6 loading of these Conexes and will not stand under the loader or adjacent to the Conex
7 being loaded.

8 ■ **Concrete Pad Testing and Removal.** Concrete transformer pads are suspected of
9 containing PCBs from spills. PCB-contaminated concrete will be mechanically
10 removed to a depth of approximately 0.25 inch. Appropriate worker protection will be
11 required for this activity in accordance with the activity hazard analysis (AHA)
12 (Appendix A).

13 ■ **PCB Soil Removal and Disposal.** A limited amount of stained soil will be removed
14 and excavated during operations. The soil will be taken to a lined stockpile area
15 where it will be tested to determine disposal options in accordance with the EPP.

16 ■ **Cat Trail Repair.** The Cat Trail to the Upper Mountain is completely washed out in
17 one location and is in generally poor condition in many other sections. The trail must
18 be repaired to access the Upper Mountain with construction equipment, and significant
19 repair work is necessary. Because the Cat Trail is very steep and exceeds the EM 385-
20 1-1, Section 21.1.07b, maximum allowable grade of 10 percent, a waiver request was
21 submitted to the USACE to use the trail with the existing grades and has been
22 approved.

23 ■ **Debris Removal and Staging.** Many of the sites at the NE Cape facility have
24 miscellaneous debris ranging in size from very small to large items, such as old D-8
25 tractors. This debris will be collected manually and by using heavy equipment. Most
26 of the debris can be reached from existing roads; in some cases, it will be collected
27 after road improvement is completed. In instances where equipment is required for
28 debris removal in the tundra, low-ground-pressure equipment will be used. The debris
29 will be hauled to one or more staging areas, as directed by the WDP. Debris will be
30 wetted and covered as necessary before hauling to prevent visible emissions. Debris
31 will be placed in appropriate storage containers and staged at the Conex Storage Area
32 shown on Figure 11.

33 ■ **Water Collector Decommissioning.** Wells at the site will be decommissioned in
34 accordance with Alaska Department of Environmental Conservation procedures and
35 the WDP.

36 ■ **Tower Demolition.** Demolition of the tram system will involve special requirements
37 described in the WDP. These include specialized use of fall protection and use of
38 heavy equipment and/or vehicles on grades in excess of 10 percent, which is normally
39 prohibited by the USACE's EM 385-1-1. Because of the extreme slopes of the natural
40 terrain, which cannot be engineered to conform to the 10 percent slope rule, a waiver

1 **Step 4 – Pick Up Lines and Repair Surface Disturbance**

2 BEESC will use a hydraulic cable reel to pick up the lines. The cable reel will be mounted on
3 a Bailey trailer and will be used to wind the lines into coils. A crew of laborers using hand
4 tools will follow the cable coiling operation and repair/reseed any surface disturbance caused
5 by the activities. Cable coils will be weighed at the truck scale and then taken to the debris
6 staging area pending off-island recycling or disposal.

7 **4.3.5 Miscellaneous Debris Removal**

8 **Debris Field No. 1**

9 Debris Field No. 1 is located north of the Upper Tram Building at Site 33/34 on the mountain
10 slope under and adjacent to the tramline. It consists of miscellaneous wind-blown debris,
11 including wood, metal, transite siding, cement-asbestos board, insulation, a battery, old paint
12 cans, etc. The primary difficulty and risk of work at this debris field is related to the extreme
13 slope of the mountainside. In most places, the slope approaches or exceeds 45 degrees. To
14 accomplish this cleanup, special worker safety precautions are required. These are discussed
15 in detail in Section 4.4.1 of the SSHP.

16 A tracked trailer or skid, approximately 20 feet long by 8 feet wide, will be modified to serve
17 as a collection skid. The intent is to use a winch-equipped bulldozer to lower the collection
18 skid downslope to the desired point. A safety line mounted to a separate fixed object capable
19 of holding the loaded skid will be payed out with the haul cable to secure the skid should the
20 haul cable fail.

21 After the collection skid is positioned, two workers outfitted with safety harnesses will
22 descend fixed 11-millimeter static lines, one on each side of the skid. The workers will self-
23 belay with Jumar ascending devices that attach each worker to the static line. The Jumar is
24 hand-operated by the worker and allows him/her to ascend or descend at will. The workers
25 will be trained to prevent slack from forming in the static line to which they are attached.
26 This will prevent the workers from falling more than a short distance should footing be lost or

1 other incident occur. Once in position alongside the collection skid, the workers will collect
2 the debris by hand and place it in the skid. At no time will the workers be allowed to descend
3 behind the collection skid. They will always work alongside or above it.

4 When the collection skid is full, the workers will ascend the slope by walking uphill and
5 sliding the Jumars ahead of them to maintain protection should they fall. Once they have
6 reached the top and are secure, the collection skid will be winched to the top of the slope. The
7 safety line will be hoisted concurrently, but not tensioned, to act as an immediate brake should
8 the haul cable fail. At the top of the slope, the collection skid will be hand-sorted to remove
9 asbestos-containing material (ACM) items, and then lifted and dumped into a Morooka for
10 transport down the mountain to the truck scale for packaging for disposal.

11 **Debris Field No. 2**

12 Debris Field No. 2 is located south of the cable cart enclosure, radome, and Upper Quarters
13 Building at Site 33/34. As with Debris Field No. 1, Debris Field No. 2 consists of
14 miscellaneous debris, including wood, metal, wire, transite siding, cement-asbestos board,
15 insulation, etc. Also within the debris field are two electronic control boxes and a former tank
16 that is cut in half. BEESC anticipates that 55-gallon drums may also be present in Debris
17 Field No. 2. If encountered, drums will be handled as described in Section 4.4.3 of the SSHP.
18 Because Debris Field No. 2 is low-angle and has road access across the southern boundary,
19 the safety precautions required for cleanup of Debris Field No. 1 are not required for Debris
20 Field No. 2. Debris will be collected and transported to the truck scale for packaging for
21 disposal.

22 BEESC will remove only easily retrievable and surface debris from the debris fields. In some
23 cases, pipes and other partially buried items may be cut off at the surface. BEESC will not
24 sift through the windrowed rock to uncover debris.

1 **Gravel Drums at Former Upper Tram Building**

2 There are approximately 30 gravel-filled 55-gallon drums lying on the east side of the former
3 Upper Tram Building location. BEESC will empty the gravel from the drums and then
4 transport the drums off-island for disposal as scrap metal.

5 **Cargo Beach Road Landfill**

6 The debris at the Cargo Beach Road landfill includes cable and wire, a pressure tank, Marston
7 matting, wrecked equipment, and assorted steel debris and wood. The debris lies along the
8 base of the steep embankment at the east edge of Cargo Beach Road. Debris is reportedly not
9 part of the landfill itself, and was apparently pushed off the edge of the road to its current
10 location. BEESC will remove 50 tons of debris from the base of the embankment and dispose
11 of it off-island.

12 **4.3.6 Water Collector Decommissioning**

13 One water collector will be decommissioned at Site 32. The water collector will be
14 abandoned by removing the ladder, cutting off the corrugated metal pipe below grade, and
15 backfilling the hole with clean fill until it is flush with the gravel surface of the stream bed.

16 **4.3.7 Mitigate PCB-contaminated Concrete**

17 The scope of work includes mitigating up to approximately 5,200 square feet of PCB-
18 contaminated concrete floor slabs as summarized in Table 4-3.

1 **5.5 UPPER MOUNTAIN DEBRIS TRANSPORT**

2 Three Morooka 2200 tracked carriers will be used to transport debris down the mountain.
3 The Morooka can safely carry 5 tons. This is the same haul equipment we used to transport
4 debris down the mountain in 2003. BEESC estimates an approximate 2-hour round-trip
5 transit time using the Morooka 2200. The debris transport equipment and procedures is
6 described in detail in the Cat Trail Waiver Request (Appendix A).

DFW SPECIFIC HAZARDS

- 1 ■ Equip one person per field area with a firearm. Individuals assigned firearms will
- 2 keep the weapon under safe control at all times. After working hours, all firearms will
- 3 be locked and secured by the SS.

4 **4.3.2 Foxes**

5 Rabid cross foxes may also be encountered at the NE Cape site. Extreme caution should be
6 exercised to avoid any work activities in close proximity to a cross fox. Work in areas that
7 cross foxes may inhabit should always be performed in pairs.

8 **4.4 TASK-SPECIFIC HAZARDS**

9 The following sections describe in greater detail the hazards associated with each specific
10 task. Appendix A contains AHA tables, completed in accordance with the USACE's EM
11 385-1-1, identifying the activity, potential hazards, controls and inspections, training, PPE,
12 and monitoring required for each task.

13 **4.4.1 Nonhazardous Debris Removal and Staging**

14 Nonhazardous debris removal and staging will be performed in accordance with the WDP.
15 One of the hazards involved with this activity is lifting debris or drums with sharp edges. The
16 edges of the metal debris can cause cuts. Level D PPE will be worn while collecting and
17 staging nonhazardous debris. All workers lifting nonhazardous debris will wear leather or
18 cut-resistant gloves. Lifting the debris can cause back problems if a worker tries to lift too
19 much or lifts in an improper fashion. Debris weighing more than 60 pounds will be lifted by
20 at least two people. When lifting the debris, ensure that proper lifting techniques are used,
21 including bending at the knees and keeping one's back vertical. Some of the debris may be
22 lifted and staged by heavy equipment. Site workers need to be aware of vehicular traffic at all
23 times and stay in clear view of the equipment operators. If heavy equipment is used, then site
24 workers will wear reflective traffic vests to increase their visibility.

25 Debris Field No. 1 is located north of the Upper Tram Building at Site 33/34 on the mountain
26 slope under and adjacent to the tramline. It consists of miscellaneous wind-blown debris.
27 This debris field is not reported to contain containerized hazardous and toxic waste (Con-

1 ITW) or drums. The primary difficulty and risk of work at this debris field is related to the
2 extreme slope of the mountainside. In most places, the slope approaches or exceeds 45
3 degrees. To accomplish this cleanup, special worker safety precautions are required.

4 A tracked trailer or skid will be modified to serve as a collection skid. The intent is to use a
5 skid-mounted winch or a winch-equipped bulldozer to lower the collection skid down slope to
6 the desired point. A safety line mounted to a separate fixed object capable of holding the
7 loaded skid will be payed out with the haul cable to secure the skid should the haul cable fail.

8 After the collection skid is positioned, two workers outfitted with safety harnesses will
9 descend fixed 11-millimeter (mm) static lines, one on each side of the skid. The workers will
10 self-belay with Jumar ascending devices that attach each worker to a static line. The Jumar is
11 hand-operated by the worker and allows him or her to ascend or descend at will. The workers
12 will be trained to prevent slack from forming in the static line to which they are attached.
13 This will prevent the workers from falling more than a short distance should footing be lost or
14 other incident occur. Once in position alongside the collection skid, the workers will collect
15 the debris by hand and place it in the skid. At no time will the workers be allowed to descend
16 behind the collection skid. They will always work alongside or above it.

17 When the collection skid is full, the workers will ascend the slope by walking uphill and
18 sliding the Jumar ahead of them to maintain protection should they fall. Once they have
19 reached the top and are secure, the collection skid will be winched to the top of the slope. The
20 safety line will be hoisted concurrently, but not tensioned, to act as an immediate brake should
21 the haul cable fail. At the top of the slope, the collection skid will be lifted and dumped into a
22 Morooka for transport down the mountain to the truck scale and baling facility.

23 **4.4.2 Antenna and Power Pole Removal**

24 Antenna and power pole removal will be performed in accordance with the WDP. The
25 antennas and power poles are made of either wood or metal. Some of the poles are held in
26 place with guy wires. Hazards associated with the removal of these structures differ slightly
27 depending on whether the pole is wood or metal. Level D PPE will be worn while removing

1 If a worker slips, loses his grip or otherwise activates his arresting equipment, the worker will
2 not be suspended at a height. However the worker may be suspended adjacent to the tower
3 structure. If this occurs the worker will slowly reorient to face the tower structure and
4 reestablish secure grip and footing. When secure, the worker will immediately, but slowly
5 climb down the tower and perform self inspection for injury and inspect the fall arrest
6 equipment for any damage prior to using again.

7 *In the event of a worker not being able to self-rescue from being suspended by the fall arrest*
8 *system a worker will be positioned to “standby” to provide assistance. The standby worker*
9 *will also use a tower climbing harness and lanyard if needed to go aloft to provide assistance.*

10 The base of each line tower will be cut with a cut-off saw or portable cutting torch, beginning
11 on the downhill side and leaving a flange of steel on the uphill side to act as a pivot point.
12 Once the line tower has been pulled over onto its side, the remaining flange of steel will be
13 cut, and the line tower will be hoisted up slope to the crest of the mountain.

14 Crews using man-portable cutting equipment will demolish Line Towers 4 through 8 and
15 Tram Tower 3. The remaining tram and line towers and cables can be accessed by heavy
16 equipment from the Cat Trail or from beneath the tramline. These structures will be
17 demolished by an excavator equipped with a hydraulic shear.

18 **4.4.12 Cat Trail Repairs**

19 In 2003, BEESC improved the Cat Trails and used them to haul approximately 600 tons of
20 debris from Sites 33/34 down the mountain. Section 21.1.07(b) of the USACE’s *Safety and*
21 *Health Requirements Manual*, EM-385-1-1, dated September 3, 1996 (USACE, 1996),
22 prohibited heavy equipment use on grades in excess of 10 percent. BEESC applied for a
23 waiver to Section 21.1.07(b) on October 16, 2002. The USACE granted the waiver on April
24 10, 2003. The improvements to the Cat Trails were completed between July 8 and July 11,
25 2003, and the debris haul was successfully completed on August 10, 2003. This work was
26 performed as part of the White Alice Site Removal Action project (USACE Contract No.
27 DACA85-02-C-0011).

1 Based on the observations made during our 2003 work, BEESC estimates there are between
2 50 and 100 tons of waste and debris on the upper mountain that must be transported to the
3 beach for off-island disposal under this contract. We estimate that 10 to 20 round trips will be
4 required in 2005 to move the waste and debris down the mountain. Repairing/improving and
5 using the existing Cat Trails is the only safe, practicable way to complete this work.
6 Therefore, BEESC has applied for and received a waiver to Section 08.D.10(c) of the
7 USACE's *Safety and Health Requirements Manual*, EM-385-1-1, dated November 3, 2003.
8 The Waiver Request and resulting waiver are presented as Appendix E.

9 **4.4.13 Air Field Operations**

10 BEESC will use the existing airstrip at NE Cape, but improvements will be required. BEESC
11 will provide air-to-ground communication between the site and aircraft within "line of sight"
12 of the airfield. The Physician's Assistant (PA) will function as the ground contact and
13 observation person for aviation activities at the NE Cape. Under a separate agreement, Bering
14 Air will supply communications equipment for contact between the site and aircraft. The PA
15 will have knowledge of weather observation descriptions under the National Weather Service
16 METAR reporting systems. The PA will observe and report weather conditions such as
17 visibility, wind direction, wind velocity (including gusts) and temperature. A large, heavy-
18 duty wind sock will be installed at each end of the runway.

19 Before airfield operations, runway hazard markings (weighted cones) will be placed at 200-
20 foot intervals and "soft" spots on the airstrip will be clearly identified. When in use, a 250-
21 foot setback from the airstrip centerline will be maintained so that materials and equipment
22 movement does not interfere with aircraft operations. Airstrip shoulders will not be used as
23 roadways during airfield operations. No materials will be stored within this area, except with
24 USACE specific approval. Additionally, the access trail to the beach at the northeast end of
25 the airstrip will be blocked with warning signs to prevent use during flight operations. The
26 trail itself will not be used for storage of equipment or materials.

27 Before daily flight operations, an inspection and maintenance of the airstrip surface will be
28 performed and any debris discovered will be removed. Due to weather conditions,

GENERAL PROJECT HAZARDS

Activity Hazard Analysis No. 1
Debris Removal and Staging

Analyzed By/Date: _____ Reviewed By/Date: _____

Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Removal by hand and General Site Work	<p>Slips, trips, falls</p> <p>Back Injury</p> <p>Crushing Injuries</p> <p>Dropped Objects</p> <p>Eye Injury / Hearing Loss</p> <p>Falls from steep slopes</p> <p>Struck by equipment/objects</p>	<ul style="list-style-type: none"> • Use care during foot travel, and clear the area of slip and trip hazards • Use barricades • Use guardrails • Cover holes. • Use proper lifting technique. • Buddy system for heavy lifts • Use lifting/transport equipment • Use caution when setting loads. • Machine guards/enclosures • Wear required PPE <ul style="list-style-type: none"> ○ Hard Hat ○ Steel Toed Boots ○ Safety Glasses w/ side shields ○ Reflective Vest ○ Hearing Protection, as needed. • Use caution around equipment lift materials. • Wear required PPE. • Wear required PPE. • Wear D-ring harness w/ restraint cable system at approved anchor points • Wear required PPE • Backup Alarms on all equipment • Traffic control and Watchman

**Activity Hazard Analysis No. 1
Debris Removal and Staging (cont.)**

Analyzed By/Date: _____ Reviewed By/Date: _____

Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Vehicle Operation	Rollover	<ul style="list-style-type: none"> • Stay within the speed limit specified. • Follow manufacturer's recommended payload. • Use Seatbelts/ROPS • For ATVs, gloves and helmets are required. • Utilize only licensed and trained operators. • Ensure equipment is not operated on excessive grades to prevent rollovers.
Equipment operations	Equipment Failure	<ul style="list-style-type: none"> • Inspect equipment prior to daily operation. • Ensure all roll cages and guards are in place and back up alarms operate • OEM equipment modifications <u>only</u>. • Machine guarding and enclosures
Equipment to be Used	Inspection Requirements	Training Requirements
Trucks, Hand Tools, Graders, Bulldozers, Backhoes	Daily inspection of equipment prior to operation	<ul style="list-style-type: none"> • Utilize only trained and experienced operators for operation of equipment. • Site Specific Training – Toolbox safety meetings, Fall Protection System (if applicable)

Activity Hazard Analysis No. 9,
Cat Trail Repair & Maintenance

Analyzed By/Date: _____ Reviewed By/Date: _____

Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Site Prep	<p>Slips, trips, falls</p> <p>Back Injury</p> <p>Crushing Injuries</p> <p>Dropped Objects</p> <p>Eye Injury / Hearing Loss</p> <p>Falls from steep slopes</p> <p>Struck by equipment/objects</p>	<ul style="list-style-type: none"> • Use care during foot travel, and clear the area of slip and trip hazards • Use barricades • Use guardrails • Cover holes. • Use proper lifting technique. • Buddy system for heavy lifts • Use lifting/transport equipment • Use caution when setting loads. • Machine guards/enclosures • Wear required PPE: <ul style="list-style-type: none"> ○ Hard Hat ○ Steel Toed Boots ○ Safety Glasses w/ side shields ○ Reflective Vest ○ Hearing Protection, as needed. • Use caution around equipment lift materials. • Wear required PPE. • Wear required PPE. • Wear D-ring harness w/ restraint cable system at approved anchor points • Wear required PPE (and high visibility vests where appropriate) • Backup Alarms on all equipment • Traffic control & Watchman

Activity Hazard Analysis No. 9, Cat Trail Repair & Maintenance (cont.)		Analyzed By/Date: _____ Reviewed By/Date: _____
	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Vehicle Transport (on Cat Trails) (cont.)	Brake Failure Collision	<ul style="list-style-type: none"> • Daily inspection of brake systems • Use redundant brake systems <ul style="list-style-type: none"> ○ All Bulldozers: Primary braking applied by service & steering brakes + engine braking (1st & 2nd gear only). Emergency braking is available by dropping the dozer blade ○ Morookas & Excavators: Hydrostatic drive system brakes with emergency "fail safe" spring-loaded brakes (activated by loss of hydraulic pressure). • Runaway ramps at Trail Points (TPs) 6, 9, 13, 18, 20 and 22 will be made useable. Soil berms (5 ft height, minimum) will be added to each runout. • Establish 1-way traffic control & communications on Tram Line Cat Trail and at TP # & 26 <ul style="list-style-type: none"> ○ Two-way radios will be in all equipment cabs to coordinate movement ○ Where warranted personnel (wearing high visibility vests) will direct traffic ○ Establish holding points at TPs 6, 9, 13, 20 and 22 to provide safe passage of equipment headed in opposite directions. • In two-way traffic areas, unloaded (or uphill moving) equipment will yield to loaded (or downhill moving) equipment
Equipment operations	Equipment Failure	<ul style="list-style-type: none"> • Inspect equipment prior to daily operation. • Ensure all roll cages and guards are in place and back up alarms operate • OEM equipment modifications <u>only</u>. • Machine guarding and enclosures

Activity Hazard Analysis No. 9,
Cat Trail Repair & Maintenance (cont.)

Analyzed By/Date: _____ Reviewed By/Date: _____

Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Vehicle Operation	Rollover Workers struck by equipment Brake Failure	<ul style="list-style-type: none"> • Stay within the speed limit specified (generally 3 MPH). • Follow manufacturer's recommended payload. • Use Seatbelts/ROPS • Utilize only licensed and trained operators (20+ years experience, minimum). • Ensure equipment is operated within OEM approved range on excessive grades • Wear required PPE (and high visibility vests where appropriate) • Backup Alarms on all equipment • Traffic control & Watchman • Daily inspection of brake systems • Use redundant brake systems <ul style="list-style-type: none"> ○ All Bulldozers: Primary braking applied by service & steering brakes + engine braking (1st & 2nd gear only). Emergency braking is available by dropping the dozer blade ○ Morookas & Excavators: Hydrostatic drive system brakes with emergency "fail safe" spring-loaded brakes (activated by loss of hydraulic pressure). • Runaway ramps at Trail Points (TPs) 6, 9, 13, 18, 20 and 22 will be made useable. Soil berms (5 ft height, minimum) will be added to each runout.
Vehicle Transport (on Cat Trails)	Rollover	<ul style="list-style-type: none"> • Stay within the speed limit specified (generally 3 MPH). • Follow manufacturer's recommended payload. • Use Seatbelts/ROPS • Utilize only licensed and trained operators (20+ years experience, minimum). • Leverage knowledge of local hires familiar with operating equipment on Cat Trails • Ensure equipment is operated within OEM approved range on excessive grades

Activity Hazard Analysis No. 9,
Cat Trail Repair & Maintenance (cont.)

Analyzed By/Date: _____ Reviewed By/Date: _____

Equipment to be
Used

Inspection
Requirements

Training Requirements

Hand Tools, Graders,
Bulldozers, Excavators,
Loaders**

Daily inspection of
equipment prior to
operation

- Utilize only trained (20+ yrs recommended) and experienced operators for operation of equipment.
- Site Specific Training – Toolbox meetings, specific briefing on traffic rules, speed limits and OEM limitations of equipment for working on slopes
- Leverage experience of local hires with experience in operating equipment on Cat trails

**Equipment specific to this AHA is:

- Cat D-5 through D-8 bulldozers,
- Morooka 1500 and 2200
- Hitachi EX 300 Excavator
- Link-Belt 3400 and 4300 Excavators
- Cat 12-class Grader

RELEVANT USACE HAZARD TOPICS

SECTION 16

MACHINERY AND MECHANIZED EQUIPMENT

16.A GENERAL

16.A.01 Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested in accordance with the manufacturer's recommendations and requirements of this manual and shall be certified in writing by a competent person to meet the manufacturer's recommendations and requirements of this manual. Subsequent reinspections will be conducted at least annually thereafter. All safety deficiencies noted during the inspection shall be corrected prior to the equipment being placed in service at the project. If at anytime the machinery or mechanized equipment is removed and subsequently returned to the project (other than equipment removed for routine off-site operations as part of the project), it shall be reinspected and recertified prior to use.

a. The Contractor shall keep records of tests and inspections. These records shall be made available in a timely manner upon request of the GDA and, when submitted, shall become part of the official project file.

b. The Contractor shall provide the GDA ample notice in advance of any equipment entering the site so that he/she may observe the Contractor's inspection process and so that spot checks may be conducted.

16.A.02 Daily/shift inspections and tests.

a. All machinery and equipment shall be inspected daily (when in use) to ensure safe operating conditions. The employer shall designate competent persons to conduct the daily inspections and tests.

b. Tests shall be made at the beginning of each shift during which the equipment is to be used to determine that the brakes

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and operating systems are in proper working condition and that all required safety devices are in place and functional.

16.A.03 Whenever any machinery or equipment is found to be unsafe, or whenever a deficiency that affects the safe operation of equipment is observed, the equipment shall be immediately taken out of service and its use prohibited until unsafe conditions have been corrected.

a. A tag indicating that the equipment shall not be operated, and that the tag shall not be removed, shall be placed in a conspicuous location on the equipment. **>See Section 8.** Where required, lockout procedures shall be used. **> See Section 12.**

b. The tag shall remain in its attached location until it is demonstrated to the individual deadlining the equipment that it is safe to operate.

c. When corrections are complete, the machinery or equipment shall be retested and re-inspected before being returned to service.

16.A.04 Machinery and mechanized equipment shall be operated only by designated qualified personnel.

a. Machinery or equipment shall not be operated in a manner that will endanger persons or property nor shall the safe operating speeds or loads be exceeded.

b. Getting off or on any equipment while it is in motion is prohibited.

c. Machinery and equipment shall be operated in accordance with the manufacturer's instructions and recommendations.

d. The use of headphones for entertainment purposes (e.g., AM/FM radio or cassette) while operating equipment is prohibited.

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maintenance and repairs conducted during the life of a contract shall be made available upon request of the GDA.

b. All machinery or equipment shall be shut down and positive means taken to prevent its operation while repairs or manual lubrications are being done. Equipment designed to be serviced while running are exempt from this requirement.

c. All repairs on machinery or equipment shall be made at a location that will protect repair personnel from traffic.

d. Heavy machinery, equipment, or parts thereof that are suspended or held apart by slings, hoist, or jacks also shall be substantially blocked or cribbed before personnel are permitted to work underneath or between them.

16.A.09 Bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment shall be either fully lowered or blocked when being repaired or when not in use. All controls shall be in a neutral position, with the engines stopped and brakes set, unless work being performed on the machine requires otherwise.

16.A.10 Stationary machinery and equipment shall be placed on a firm foundation and secured before being operated.

16.A.11 All mobile equipment and the areas in which they are operated shall be adequately illuminated while work is in progress.

16.A.12 Equipment powered by an internal combustion engine will not be operated in or near an enclosed area unless adequate ventilation is provided to ensure the equipment does not generate a hazardous atmosphere.

16.A.13 All vehicles that will be parked or are moving slower than normal traffic on haul roads shall have a yellow flashing light or four-way flashers visible from all directions.

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16.A.19 No modifications or additions that affect the capacity or safe operation of machinery or equipment shall be made without the manufacturer's written approval.

a. If such modifications or changes are made, the capacity, operation, and maintenance instruction plates, tags, or decals shall be changed accordingly.

b. In no case shall the original safety factor of the equipment be reduced.

16.A.20 Steering or spinner knobs shall not be attached to the steering wheel unless the steering mechanism prevents road reactions from causing the steering handwheel to spin. When permitted, the steering knob shall be mounted within the periphery of the wheel.

16.A.21 Safeguards shall be provided to prevent machinery and equipment operating on a floating plant from going into the water.
> **See also 16.F.06.**

16.A.22 All powered-industrial trucks shall meet the requirements of design, construction, stability, inspection, testing, maintenance, and operation defined in ANSI/ASME B56.1.

16.A.23 All powered-industrial trucks, lift trucks, stackers, and similar equipment shall have the rated capacity posted on the vehicle so as to be clearly visible to the operator. When the manufacturer provides auxiliary removable counterweights, corresponding alternate rated capacities also shall be clearly shown on the vehicle. The ratings shall not be exceeded.

16.A.24 Only trained and authorized operators shall be permitted to operate a powered-industrial truck. Training must be both classroom and practical operation of the same type of truck the student uses on the job. Training shall be provided in accordance with OSHA Standard 29 CFR 1910.178. The employer must certify that the operator has been trained and evaluated as required by the standard. The certification shall include the name of the operator,

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16.A.33 Tire service vehicles shall be operated so that the operator will be clear of tires and rims when hoisting operations are being performed. Tires large enough to require hoisting equipment will be secured from movement by continued support of the hoisting equipment unless bolted to the vehicle hub or otherwise restrained.
> **Also see 16.B.06.**

16.A.34 Each bulldozer, scraper, dragline, crane, motor grader, front-end loader, mechanical shovel, backhoe, and other similar equipment shall be equipped with at least one dry chemical or CO₂ fire extinguisher with a minimum rating of 5-B:C.

16.A.35 Fill hatches on water haul vehicles shall be secured or the opening reduced to a maximum of 8 in (20.3 cm).

16.B GUARDING AND SAFETY DEVICES

16.B.01 Reverse signal (back-up) alarm.

a. All self-propelled construction and industrial equipment, whether moving alone or in combination, shall be equipped with a reverse signal alarm. > **Equipment designed and operated so that the operator is always facing the direction of motion does not require a reverse signal alarm.**

b. Reverse signal alarms shall be audible and sufficiently distinct to be heard under prevailing conditions.

c. Alarms shall operate automatically upon commencement of backward motion. Alarms may be continuous or intermittent (not to exceed 3-second intervals) and shall operate during the entire backward movement.

d. Reverse signal alarms shall be in addition to requirements for signal persons.

16.B.02 A warning device or signal person shall be provided where there is danger to persons from moving equipment, swinging loads, buckets, booms, etc.

N/A ?

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installed on split rims, or rims equipped with locking rings of similar devices. > **Also see 16.A.33.**

16.B.07 No guard, safety appliance, or device shall be removed from machinery or equipment, or made ineffective, except for making immediate repairs, lubrications, or adjustments, and then only after the power has been shut off. All guards and devices shall be replaced immediately after completion of repairs and adjustments and before power is turned on.

16.B.08 Seatbelts and anchorages meeting the requirements of 49 CFR 571 shall be installed and worn in all motor vehicles (installation and usage on buses is optional). Two-piece seat belts and anchorages for construction equipment shall comply with applicable Federal specifications or Society of Automotive Engineers (SAE) Standard J386.

16.B.09 All high rider industrial trucks shall be equipped with overhead guards that meet the structural requirements defined in paragraph 4.21 of ANSI/ASME B56.1.

16.B.10 Suitable protection against the elements, falling or flying objects, swinging loads, and similar hazards shall be provided for operators of all machinery or equipment. Glass used in windshields or cabs shall be safety glass.

16.B.11 Falling object protective structures (FOPS).

a. All bulldozers, tractors, or similar equipment used in clearing operations shall be provided with guards, canopies, or grills to protect the operator from falling and flying objects as appropriate to the nature of the clearing operations.

b. FOPS for other construction, industrial, and grounds-keeping equipment will be furnished when the operator is exposed to falling object hazards.

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(5) Cranes, draglines, or equipment on which the operator's cab and boom rotate as a unit.

c. ROPS may be removed from certain types of equipment when the work cannot be performed with the ROPS in place and when ROPS removal is justified and delineated in an AHA and accepted in writing by the GDA.

d. The operating authority shall furnish proof from the manufacturer or certification from a licensed engineer that the ROPS complies with SAE Standards J167, J1040, J1042, J1084, and J1194, as applicable.

e. ROPS shall also be acceptable if they meet the criteria of any State that has a Department of Labor approved OSHA program or meet Water and Power Resources Service requirements.

f. The following information permanently affixed to the ROPS is acceptable in lieu of a written certification:

(1) Manufacturer's or fabricator's name and address;

(2) ROPS model number, if any; and

(3) Machine make, model, or series number that the structure is designed to fit.

g. Field welding on ROPS shall be performed by welders who are certified by the contractor as qualified in accordance with ANSI/AWS D1.1, Naval Sea Systems Command (NAVSEA) S9074-AQ-GIB-010/248, or the equivalent.

16.B.13 All points requiring lubrication during operation shall have fittings so located or guarded to be accessible without hazardous exposure.

(3) Proper respirator use under the workplace conditions the employee encounters; and

(4) Proper respirator maintenance.

05.E.16 Recordkeeping. Establish and retain written information regarding medical evaluations, fit testing, and the respirator program. This information will facilitate employee involvement in the respirator program, assist in auditing the adequacy of the program, and provide a record for compliance determinations by OSHA.

a. Medical evaluation. Records of medical evaluations must be retained and made available in accordance with 29 CFR 1910.1020.

b. Fit testing. Retain fit test records for respirator users until the next fit test is administered. Establish a record of the QLFT and QNFT administered to an employee including:

(1) The name or identification of the employee tested;

(2) Type of fit test performed;

(3) Specific make, model, style, and size of respirator tested;

(4) Date of test; and

(5) The pass/fail results for QLFTs or the fit factor and strip chart recording or other recording of the test results for QNFTs.

c. Retain a written copy of the current respirator program.

d. Written materials required by 05.E.15 shall be made available upon request to affected employees.

05.F BODY BELTS, HARNESSSES, LANYARDS, ANL LIFELINES - SELECTION OF COMPONENTS

05.F.01 Personal fall arrest, fall restraint and positioning device systems. Warning: Personal fall arrest systems are generally only certified up to a combined weight of 310 pounds (lb) (140.6 kilograms (kg)) including the weight of the person and equipment. Workers shall not be permitted to exceed this limit unless permitted in writing by the manufacturer. > All fall arrest systems shall meet the requirements contained in ANSI/American Society of Safety Engineers (ASSE) Z359.1.

a. Personal fall arrest systems require the use of a full-body harness: body belts and chest waist harnesses are not acceptable as part of personal fall arrest systems.

b. The use of a body belt is permitted in positioning and restraint systems.

05.F.02 Fall Arrest Systems - General.

a. Connectors shall be drop forged, pressed or formed steel, or made of equivalent materials; shall have corrosion resistant finish; and all surfaces and edges shall be smooth to prevent damage to interfacing parts of the system.

b. D-rings, locking-type snaphooks, and other connectors shall have a minimum tensile strength of 5,000 lb (2,267.9 kg); D-rings and snaphooks shall be proof-tested to a minimum tensile load of 3,600 lb (1632.9 kg) without cracking, breaking, or taking permanent deformation. **> Proof testing is typically conducted by the manufacturer, and a specification of proof testing supplied with the manufactured good.**

c. Personal fall arrest systems shall decelerate and bring the employee to a complete stop within 42 in (106.6 cm), excluding lifeline elongation, after free fall distance.

d. Personal fall arrest systems, when stopping or preventing a fall, shall not produce an arresting force on an employee of more than 10 times the employee's weight or 1,800 lb (816.4 kg), whichever is lower.

e. Positioning device systems shall prevent the user from free falling no more than 2 ft (0.6 m).

f. Fall restraint systems shall prevent the user from reaching an area where a free fall could occur.

g. Body harnesses shall consist of straps that are secured about a body in a manner that distributes the arresting forces over at least the thighs, waist, chest, shoulders, and pelvis, with provision for attaching a lanyard, lifeline, or deceleration device.

h. Snaphooks and carabiners shall be of the self-locking type.

05.F.03 Lifelines and lanyards.

a. Lanyards and vertical lifelines shall have a minimum tensile strength of 5,000 lbs (2,267.9 kg).

b. Horizontal lifelines shall be designed, installed, and used, under the supervision of a qualified person, as part of a complete personal fall arrest system, which maintains a factor of safety of at least two.

c. Self-retracting lifelines and lanyards that automatically limit free fall distance to 2 ft (0.6 m) or less shall be capable of sustaining a minimum tensile load of 3,000 lbs (1,360.7 kg) applied to the device with the lifeline or lanyard in the fully extended position. Self-retracting lifelines and lanyards that do not limit free fall distance to 2 ft (0.6 m) or less, rip stitch lanyards, and tearing and deforming lanyards shall be capable of sustaining a minimum tensile load of 5,000 lb (2,267.9 kg) applied to the device with the lifeline or lanyard in the fully extended position.

d. Ropes and straps (webbing) used in lanyards, lifelines, and strength components of body belts and body harnesses shall be made from synthetic fibers.

e. Harness lanyards shall not be looped back over or through a large object and then attached back to themselves unless permitted by the manufacturer.

05.F.04 Lineman's equipment.

a. All fabric for safety straps shall be capable of withstanding an alternating current dielectric test of not less than 25,000 volts per foot "dry" for 3 minutes, without visible deterioration.

b. All fabric and leather used shall be capable of being tested for leakage current and not exceed 1 milliampere when a potential of 3,000 volts is applied to the electrodes 12 in (30.4 cm) apart.

c. Direct current testing may be permitted in lieu of alternating current testing.

05.G ELECTRICAL PROTECTIVE EQUIPMENT

05.G.01 Persons working on electrical distribution systems shall be provided with the appropriate electrical protective equipment, which shall be inspected, tested, and maintained in safe condition in accordance with the standards referenced in Table 5-4.

05.G.02 Employees may use rubber gloves, sleeves, blankets, covers, and line hose only when required by special conditions for work on energized facilities. Rubber goods provided to protect employees who work on energized facilities must meet ASTM specifications. Electrical workers' rubber insulating protective equipment shall be visually inspected for damage and defects prior to each use.

18.C.09 All motor vehicles shall be shut down prior to and during fueling operations. > **See 16.A.15.**

18.D ALL TERRAIN VEHICLES (ATV)

18.D.01 Every ATV operator shall have completed a nationally-recognized accredited ATV training course (such as provided by the Specialty Vehicles Institute of America or in-house resources that have been certified as trainers by an accredited organization) prior to operation of the vehicle. The operator must pass an operating skills test prior to being allowed to operate an ATV. Proof of completion of this training shall be made available to the GDA upon request.

18.D.02 The manufacturer's recommended payload shall not be exceeded at any time.

18.D.03 Gloves and an approved motorcycle helmet with full-face shield or goggles shall be worn at all times while operating a Class I ATV.

18.D.04 ATVs shall be used only off-road (no paved road use unless allowed by the manufacturer).

18.D.05 ATVs shall be driven during daylight hours (unless properly equipped with lights for night use).

18.D.06 Only ATVs with four or more wheels may be used.

18.D.07 Passengers are prohibited on Class I ATVs.

18.D.08 All ATVs shall be equipped with a warning signal device (horn), tail lights, and stop lights.

18.D.09 A copy of the operators manual will be kept on the vehicle and protected from the elements (if practicable).

18.D.10 Tires shall be inflated to the pressures recommended by the manufacturer.

18.D.11 ATVs will be equipped with mufflers.

18.D.12 All ATVs shall be equipped with spark arresters.

18.D.13 All Class II ATVs shall be equipped with ROPS.

18.E AIRCRAFT

18.E.01 All non-military aircraft shall be registered, certified in the appropriate category, and maintained in accordance with the airworthiness standards of the FAA. (If used OCONUS, and not prohibited by other regulation such as ER 95-1-1, registration, certification, and maintenance in accordance with the standards of a comparable governing body of foreign or international authority may be substituted for those of the FAA.)

18.E.02 All contract pilots or pilots of chartered aircraft shall hold at least a commercial pilot certificate with instrument rating. All pilots of non-military aircraft shall possess ratings to comply with the FAA Regulation governing the aircraft and operations involved.

18.E.03 All non-military aircraft shall be equipped with a two-way radio.

18.E.04 All non-military flight operations shall be in accordance with the FAA rules governing conduct for the specific operation. (Examples are 14 CFR 133 (Federal Aviation Regulation 133); 14 CFR 135 (Federal Aviation Regulation 135); and 14 CFR 91 (Federal Aviation Regulation 91).

18.E.05 All military flight operations shall be conducted under appropriate DOT/DOD regulations, such as the AR 95 Series.

PREPARATORY INSPECTION CHECKLIST

CONTRACT NO: W911-KB-04-C-0019

DATE: 7/16/05, 8:30-9:15

PROJECT: White Alice Tram and Debris Removal

DEFINABLE FEATURE OF WORK: Demolish Tram and Water Line

GOVERNMENT REPRESENTATIVE NOTIFIED ON 7/13/05 FOR SCHEDULING OF PREPARATORY MEETING.

I. Persons Required To Attend

Name	Position	Company/Government
Henry Seipt	CQCSM	BEESC
Rollie Goebel	Site Supervisor	BEESC
Mac McDonald	Crew Foreman	BEESC
Carl Calugan	Laborer Forman	BEESC
Toby Petersen	SSHO	BEESC
Sam Mills	QAR	USACE

II. Contractor/Subcontractors Involved With Activity

1. Yes. Insurance current & on hand?
2. No construction subcontractors used in field Insurance current & on hand?
3. _____ Insurance current & on hand?

III. Submittal Review

Have all transmittals been submitted and approved? Yes. All project plans have been submitted to the USACE and have been approved.

What items are delinquent or awaiting comments/approval?

1. No items are delinquent or awaiting comments/approval.
All equipment and personnel to complete the scope of work are present on Saint Lawrence Island.
Testing of equipment has been completed on island prior to its utilization on site work.
No field or analytical testing are required in this DFW.
2. _____

What items require re-submittal and why? _____

1. None.
2. _____
3. _____
4. _____

PREPARATORY INSPECTION CHECKLIST

V. List of Specific Construction Tolerances/Testing

- 1. None. No sort of tolerance specification or testing is associated with the DFW. However, tram and water line debris will require size reduction to enable loading of the material into sea-going containers.

- 2. _____

- 3. _____

Are all reference publications/manufacturer's recommendations on hand and reviewed? _____ N/A

VI. Material/Equipment Review

- Are all materials as submitted? _____ Yes
- Do materials comply with Buy America Act? _____ N/A
- Is equipment required? _____ Yes
- Have equipment checklists been provided? Provided in daily report. _____ Yes

VII. Safety/Job Hazard Analysis

- Was Hazard Analysis submitted for review prior to prep? In submitted Work and Demo Plan _____ Yes
- Are there additions for JHA and were they incorporated? _____ No
- Are Material Safety Data Sheets on hand and reviewed? In binder in Site Supervisor's office. _____ Yes
- Does Resident Office have copies of 1566 and insurance? _____ Yes
- Have items in Site Safety Health Plan been reviewed? _____ Yes
- Is there a confined space? _____ No

VIII. Any Additional Concerns

- Are there permits required for work? Hot Work Permit _____ No
- Is notification for outage required? _____ No
- What is time frame for any notifications? _____ N/A
- What NAS Numbers are covered/used with this work? _____
- Did CQC cover all elements on their checklists? _____ Yes/No
- Has prep been completed successfully? _____ Yes/No

J. M. Seyt
Quality Control Representative

B.A. Mills *ALBE*
Quality Assurance Representative *GAR*

1 **2.4 TASK-SPECIFIC ACTIVITIES**

2 The Scope of Work requires that a variety of tasks and activities be accomplished for each of
3 the work sites. Those tasks and activities include the following:

- 4 ■ **Barge Loading and Unloading.** Excavated soil and demolition debris will be
5 packaged at the site in Conexes. Workers will remain at a safe distance during the
6 loading of these Conexes and will not stand under the loader or adjacent to the Conex
7 being loaded.
- 8 ■ **Concrete Pad Testing and Removal.** Concrete transformer pads are suspected of
9 containing PCBs from spills. PCB-contaminated concrete will be mechanically
10 removed to a depth of approximately 0.25 inch. Appropriate worker protection will be
11 required for this activity in accordance with the activity hazard analysis (AHA)
12 (Appendix A).
- 13 ■ **PCB Soil Removal and Disposal.** A limited amount of stained soil will be removed
14 and excavated during operations. The soil will be taken to a lined stockpile area
15 where it will be tested to determine disposal options in accordance with the EPP.
- 16 ■ **Cat Trail Repair.** The Cat Trail to the Upper Mountain is completely washed out in
17 one location and is in generally poor condition in many other sections. The trail must
18 be repaired to access the Upper Mountain with construction equipment, and significant
19 repair work is necessary. Because the Cat Trail is very steep and exceeds the EM 385-
20 1-1, Section 21.I.07b, maximum allowable grade of 10 percent, a waiver request was
21 submitted to the USACE to use the trail with the existing grades and has been
22 approved.
- 23 ■ **Debris Removal and Staging.** Many of the sites at the NE Cape facility have
24 miscellaneous debris ranging in size from very small to large items, such as old D-8
25 tractors. This debris will be collected manually and by using heavy equipment. Most
26 of the debris can be reached from existing roads; in some cases, it will be collected
27 after road improvement is completed. In instances where equipment is required for
28 debris removal in the tundra, low-ground-pressure equipment will be used. The debris
29 will be hauled to one or more staging areas, as directed by the WDP. Debris will be
30 wetted and covered as necessary before hauling to prevent visible emissions. Debris
31 will be placed in appropriate storage containers and staged at the Conex Storage Area
32 shown on Figure 11.
- 33 ■ **Water Collector Decommissioning.** Wells at the site will be decommissioned in
34 accordance with Alaska Department of Environmental Conservation procedures and
35 the WDP.
- 36 ■ **Tower Demolition.** Demolition of the tram system will involve special requirements
37 described in the WDP. These include specialized use of fall protection and use of
38 heavy equipment and/or vehicles on grades in excess of 10 percent, which is normally
39 prohibited by the USACE's EM 385-1-1. Because of the extreme slopes of the natural
40 terrain, which cannot be engineered to conform to the 10 percent slope rule, a waiver

1 request that details provisions for safe work activity during tower demolition has been
2 submitted via BEESC Letter 23036-012 to the USACE and approved.

3 ■ **Grass Seeding Operations.** Revegetation of various areas disturbed during project
4 activities will be required. Seeding will be required only in areas where work
5 operations disturb previously undisturbed areas and must be accomplished between
6 spring breakup and July 15 or after August 20. Seeding and fertilization will be
7 performed with the use of manual broadcast-type spreaders.

1 **5.1.6 Dust Control**

2 Dust is an inevitable component of demolition work and truck hauls on unpaved road
3 surfaces. To the extent possible, dust from demolition activities will be controlled by
4 spraying and wetting with a water truck. Water will not be used when it will create hazardous
5 or objectionable conditions such as ice, flooding, or pollution.

6 **5.2 EXPLOSIVES**

7 The use of explosives for demolition purposes is allowed under the contract, but BEESC does
8 not anticipate using explosives.

9 **5.3 DEMOLITION EQUIPMENT**

10 Major equipment that BEESC will employ for this project is presented in Table 5-1. The
11 equipment will be maintained and repaired by a full-time mechanic. A fueler/oiler will
12 lubricate and refuel the equipment on a daily basis. A tire man with a tire truck will repair flat
13 tires.

14 **5.4 TRAM AND WATER LINE REMOVAL**

15 The former tram ran approximately 4,400 feet from the Lower Tram Building (Site 32) to the
16 Upper Tram Building (Site 33) (Figure 5). BEESC demolished the Upper and Lower Tram
17 Buildings in 2003. The remaining items consist of seven steel towers supporting 17,600 feet
18 of 1.25-inch-diameter steel cable and 11 line towers supporting electrical cables that provided
19 power to the mechanical gear at the top of the tram. Work under this contract will consist of
20 demolishing and disposing of the tram and line towers, cables, and the 2-inch-diameter water
21 line that ran between Site 32 and the former water tank at Site 34.

1 The work will be accomplished as follows:

2 **Step 1 – Repair Tram Line Cat Trail to access Tram Tower 2**

3 In 2003, BEESC improved the Tram Line Cat Trail in order to access Tram Tower 2. BEESC
4 will repair the Tram Line Cat Trail to allow access by the D-8K bulldozer. This area will be
5 used to topple Tram Tower 2 and serve as a staging area for Tram Towers 3 through 7, as
6 described below. The water line between Trail Point “E” and Tram Tower 2 (Figure 5) will
7 be removed as part of the trail improvement work.

8 **Step 2 – Drop cables from Tram Towers 1, 2, and 3**

9 The track and haul cables were slacked when BEESC demolished the Lower Tram Building
10 in 2003. All four cables are still suspended from the Tram Towers but are not under tension
11 other than that from their weight. The cables will be dropped from the Tram Towers so that
12 they lie on the ground outside of the tower bases.

13 **Step 3 – Demolish Tram Towers 1 through 3**

14 These towers all are accessible by the D8K bulldozer. A field crew will partially cut through
15 the steel above the tower foundation and the winch on the D8K will be used to pull the
16 weakened towers over, away from the cable. The towers will then be cut free of their
17 supports and dragged down the Tram Line Cat Trail to the Lower Tram Building area, where
18 they will be demolished using an excavator equipped with a hydraulic shear.

19 **Step 4 – Demolish Line Support Towers 1 through 5**

20 Crews using portable equipment will drop Line Support Towers 1 through 5 and cut the cable
21 between Line Support Towers 5 and 6. The crew will also cut the water line at a point
22 immediately east of Line Tower 5 and collect the lower portion of the water line. The D8K
23 will use the electric cables to drag the towers downhill to the Lower Tram Building area,

1 where the towers will be demolished as described above. The hydraulic cable spooler will be
2 used to spool the cable into coils.

3 **Step 5 – Drop three cables from each of Tram Towers 4 through 7**

4 Once Tram Tower 3 is out of the way, a crew will drop three cables from each of the four
5 remaining Tram Towers as described above. One strand of cable will remain attached to each
6 of the four Tram Towers.

7 **Step 6 – Demolish the remaining Tram Towers**

8 Tram Towers 4 through 7 will be demolished in numerical order. Once a Tram Tower has
9 been toppled and cut loose from its base, the D-8K will use the cable attached to the tower to
10 drag it down the mountain to the Lower Tram Building area.

11 **Step 7 – Demolish the remaining Line Support Towers**

12 Line Support Towers 6 through 11 will be toppled with their electric cables attached as
13 described above. The D-8K will then drag the towers and lines down the mountain to the
14 Lower Tram Building area where the debris will be processed as described above.

15 **Step 8 – Demolish remaining water line**

16 Crews on foot or in tracked Argo ATVs with trailers will demolish the remaining water line.
17 The water line will be cut into manageable lengths and carried out on the Argo trailers, or the
18 water line segments will be hand-carried to a point where they can be picked up using
19 equipment.

DFW SPECIFIC HAZARDS

1 spotter to ensure the material is placed on the barge correctly and the equipment does not
2 drive off the barge. The spotter will be in the line of sight of the operator for communication.

3 **4.4.10 Sampling**

4 Sampling activities will be performed in accordance with the SAP. Environmental samples
5 will be collected from different matrices. Hazards associated with sampling are primarily
6 chemical in nature and are discussed in Section 4.1 of this SSHP. The level of PPE used will
7 depend on the type and location of samples being collected. The physical hazards include
8 sprains and strains from improper lifting or overexertion and cuts from sharp metal edges, as
9 well as slips, trips, and falls. Sampling crews may be required to walk on uneven or slick
10 surfaces. Running and “horse play” will not be tolerated on site, and workers will “stop and
11 look” when entering a new area.

12 **4.4.11 Tram and Line Tower Demolition**

13 Tram tower demolition will be accomplished in accordance with the WDP. A crew from the
14 top of the mountain will access Tram Towers 5 through 7 in Debris Field No. 1. The towers
15 will be dropped using man-portable cutting equipment. Workers will use appropriate PPE
16 during cutting operations, and site access will be carefully controlled during tower dropping.

17 The downhill tower structural supports will be cut through near the concrete foundation pads.
18 With slight tension applied to a cable attached to the upper part of each tower, the uphill
19 tower structural supports will be cut through except for the flange of angle iron facing uphill.
20 A winch will pull the tower over as it pivots about the uphill flange. Once on the ground and
21 secure, the remaining flanges will be cut through. The debris will be winched up the
22 mountain where an excavator equipped with a hydraulic shear will cut the debris to size. It
23 will then be strapped into manageable bundles and loaded on tracked trailers. Strapping and
24 transport of the bundles will require protective measures similar to those to be applied during
25 debris pickup, as discussed in Section 4.4.1 of this SSHP.

1 For demolition of Line Towers 9 through 11, a worker will climb each line tower and secure a
2 winch cable as near to the top of the tower as possible. All workers involved in tower
3 climbing will use a fall protection device consisting of a full body harness and shock-
4 absorbing lanyard (similar to configuration commonly used for telecommunications tower
5 climbing) while ascending and descending the towers. Personal fall arresting equipment and
6 associated system components will be rated to support a combined weight (employee plus
7 tools, etc.) of 310 lbs. If the combined weight exceeds 310 lbs., system modifications may be
8 necessary.

9 Free-fall distances shall be kept to a minimum. In no case shall the free-fall distance exceed
10 six feet. Free falls in excess of this distance can result in system failure and/or injury. In most
11 situations the anchor point will be located near or above shoulder level. Due to the age and
12 variable condition of the towers, a worker will carefully inspect the intended climbing
13 pathway before proceeding. Lanyards and full-body harnesses shall be protected against
14 abrasion or cutting. Non-locking snap hooks are prohibited. Self-closing, self- locking
15 keepers shall be used.

16 Prior to tower climbing each worker will have received training to recognize the hazards and
17 take action to prevent a fall during tower removal operations. The training will cover the
18 following topics:

- 19 ■ The nature of the fall hazards in the work area;
- 20 ■ The correct procedures for maintaining and inspecting the fall protection system to be
21 used;
- 22 ■ The use and operation of the personal fall arrest system and other protection to be
23 used;
- 24 ■ Emergency procedures to be used for self rescue or assisted rescue if the worker
25 becomes injured while aloft;
- 26 ■ The correct procedure for the handling and storage of equipment and materials; and
- 27 ■ The OSHA Fall Protection standard.

28 A written record of the training will be maintained that identifies the worker(s) receiving the
29 training and the training provider.

1 If a worker slips, loses his grip or otherwise activates his arresting equipment, the worker will
2 not be suspended at a height. However the worker may be suspended adjacent to the tower
3 structure. If this occurs the worker will slowly reorient to face the tower structure and
4 reestablish secure grip and footing. When secure, the worker will immediately, but slowly
5 climb down the tower and perform self inspection for injury and inspect the fall arrest
6 equipment for any damage prior to using again.

7 In the event of a worker not being able to self-rescue from being suspended by the fall arrest
8 system a worker will be positioned to “standby” to provide assistance. The standby worker
9 will also use a tower climbing harness and lanyard if needed to go aloft to provide assistance.

10 The base of each line tower will be cut with a cut-off saw or portable cutting torch, beginning
11 on the downhill side and leaving a flange of steel on the uphill side to act as a pivot point.
12 Once the line tower has been pulled over onto its side, the remaining flange of steel will be
13 cut, and the line tower will be hoisted up slope to the crest of the mountain.

14 Crews using man-portable cutting equipment will demolish Line Towers 4 through 8 and
15 Tram Tower 3. The remaining tram and line towers and cables can be accessed by heavy
16 equipment from the Cat Trail or from beneath the tramline. These structures will be
17 demolished by an excavator equipped with a hydraulic shear.

18 **4.4.12 Cat Trail Repairs**

19 In 2003, BEESC improved the Cat Trails and used them to haul approximately 600 tons of
20 debris from Sites 33/34 down the mountain. Section 21.I.07(b) of the USACE’s *Safety and*
21 *Health Requirements Manual*, EM-385-1-1, dated September 3, 1996 (USACE, 1996),
22 prohibited heavy equipment use on grades in excess of 10 percent. BEESC applied for a
23 waiver to Section 21.I.07(b) on October 16, 2002. The USACE granted the waiver on April
24 10, 2003. The improvements to the Cat Trails were completed between July 8 and July 11,
25 2003, and the debris haul was successfully completed on August 10, 2003. This work was
26 performed as part of the White Alice Site Removal Action project (USACE Contract No.
27 DACA85-02-C-0011).

GENERAL PROJECT HAZARDS

Activity Hazard Analysis No. 8 Tram Tower Demolition (cont.)		Analyzed By/Date: _____ Reviewed By/Date: _____
Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE minimum site wide for all operations)
Breaking tower materials (cont.)	Struck by falling material	<ul style="list-style-type: none"> • Isolate area (site control) • Watchman • Wear reflective vests
Collecting waste materials	Slips, trips, falls	<ul style="list-style-type: none"> • Use care during foot travel, and clear the area of slip and trip hazards • Use barricades • Use guardrails • Cover holes.
	Back Injury	<ul style="list-style-type: none"> • Use proper lifting technique. • Buddy system for heavy lifts • Use lifting/transport equipment
	Cuts	<ul style="list-style-type: none"> • Wear required PPE • First Aid Kits
	Crushing Injuries	<ul style="list-style-type: none"> • Use caution when setting loads. • Machine guards/enclosures • Wear required PPE.
	Dropped Objects	<ul style="list-style-type: none"> • Use caution around equipment lift materials. • Wear required PPE.
	Contact with lead contaminated materials	<ul style="list-style-type: none"> • Wear required PPE • Use MSDS

Activity Hazard Analysis No. 8
Tram Tower Demolition (cont.)

Analyzed By/Date: _____ Reviewed By/Date: _____

Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE minimum site wide for all operations)
Equipment operations	Equipment Failure	<ul style="list-style-type: none"> • Inspect equipment prior to daily operation. • Ensure all roll cages and guards are in place and back up alarms operate • OEM equipment modifications <u>only</u>. • Machine guarding and enclosures
Equipment to be Used	Inspection Requirements	Training Requirements
Trucks, Hand Tools, bulldozer, backhoe, loader	Daily inspection of equipment prior to operation	<ul style="list-style-type: none"> • Utilize only trained and experienced operators for operation of equipment. • Site specific training – Toolbox safety meetings, Fall Protection System • 40 hr Hazwoper • HazCom Training (including lead awareness)

Activity Hazard Analysis No. 8
Tram Tower Demolition

Analyzed By/Date: _____ Reviewed By/Date: _____

Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE minimum site wide for all operations)
Site Prep	<p>Slips, trips, falls</p> <p>Back Injury</p> <p>Crushing Injuries</p> <p>Dropped Objects</p> <p>Eye Injury / Hearing Loss</p> <p>Falls</p>	<ul style="list-style-type: none"> • Use care during foot travel, and clear the area of slip and trip hazards • Use barricades • Use guardrails • Cover holes. • Use proper lifting technique. • Buddy system for heavy lifts • Use lifting/transport equipment • Use caution when setting loads. • Machine guards/enclosures • Wear required PPE: <ul style="list-style-type: none"> ○ Hard Hat ○ Steel Toed Boots ○ Safety Glasses w/ side shields ○ Reflective Vest ○ Hearing Protection, as needed. • Use caution around equipment lift materials. • Wear required PPE. • Wear required PPE. • In addition to Level D, wear D-ring harness w/ lanyard fall protection while climbing all ladders, and working at locations 6 ft above ground level
Breaking tower materials	<p>Flying Debris</p> <p>Inhalation of lead during not cutting</p>	<ul style="list-style-type: none"> • Isolate area (site control) • Wear face shield/eye protection • Wear required PPE • Wear required PPE (Level C – HEPA) • Isolate area (site control)

RELEVANT USACE HAZARD TOPICS

SECTION 16

MACHINERY AND MECHANIZED EQUIPMENT

16.A GENERAL

16.A.01 Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested in accordance with the manufacturer's recommendations and requirements of this manual and shall be certified in writing by a competent person to meet the manufacturer's recommendations and requirements of this manual. Subsequent reinspections will be conducted at least annually thereafter. All safety deficiencies noted during the inspection shall be corrected prior to the equipment being placed in service at the project. If at anytime the machinery or mechanized equipment is removed and subsequently returned to the project (other than equipment removed for routine off-site operations as part of the project), it shall be reinspected and recertified prior to use.

a. The Contractor shall keep records of tests and inspections. These records shall be made available in a timely manner upon request of the GDA and, when submitted, shall become part of the official project file.

b. The Contractor shall provide the GDA ample notice in advance of any equipment entering the site so that he/she may observe the Contractor's inspection process and so that spot checks may be conducted.

16.A.02 Daily/shift inspections and tests.

a. All machinery and equipment shall be inspected daily (when in use) to ensure safe operating conditions. The employer shall designate competent persons to conduct the daily inspections and tests.

b. Tests shall be made at the beginning of each shift during which the equipment is to be used to determine that the brakes

16.A.05 When the manufacturer's instructions or recommendations are more stringent than the requirements of this manual, the manufacturer's instructions or recommendations shall apply.

16.A.06 Inspections or determinations of road and shoulder conditions and structures shall be made in advance to assure that clearances and load capacities are safe for the passage or placing of any machinery or equipment.

16.A.07 Equipment requirements.

a. Seats or equal protection must be provided for each person required to ride on equipment.

~~b.~~ Equipment operated on the highway shall be equipped with headlights, taillights, brake lights, backup lights, and turn signals that are visible from the front and rear.

c. All equipment with windshields shall be equipped with powered wipers. Vehicles that operate under conditions that cause fogging or frosting of windshields shall be equipped with operable defogging or defrosting devices.

d. Mobile equipment, operating within an off-highway job site not open to public traffic, shall have a service brake system and a parking brake system capable of stopping and holding the equipment while fully loaded on the grade of operation. In addition, it is recommended that heavy-duty hauling equipment have an emergency brake system that will automatically stop the equipment upon failure of the service brake system. This emergency brake system should be manually operable from the driver's position.

16.A.08 Maintenance and repairs.

a. Maintenance, including preventive maintenance, and repairs shall be in accordance with the manufacturer's recommendations and shall be documented. Records of

EM 385-1-1

3 Nov 03

maintenance and repairs conducted during the life of a contract shall be made available upon request of the GDA.

b. All machinery or equipment shall be shut down and positive means taken to prevent its operation while repairs or manual lubrications are being done. Equipment designed to be serviced while running are exempt from this requirement.

c. All repairs on machinery or equipment shall be made at a location that will protect repair personnel from traffic.

d. Heavy machinery, equipment, or parts thereof that are suspended or held apart by slings, hoist, or jacks also shall be substantially blocked or cribbed before personnel are permitted to work underneath or between them.

16.A.09 Bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment shall be either fully lowered or blocked when being repaired or when not in use. All controls shall be in a neutral position, with the engines stopped and brakes set, unless work being performed on the machine requires otherwise.

16.A.10 Stationary machinery and equipment shall be placed on a firm foundation and secured before being operated.

16.A.11 All mobile equipment and the areas in which they are operated shall be adequately illuminated while work is in progress.

16.A.12 Equipment powered by an internal combustion engine will not be operated in or near an enclosed area unless adequate ventilation is provided to ensure the equipment does not generate a hazardous atmosphere.

16.A.13 All vehicles that will be parked or are moving slower than normal traffic on haul roads shall have a yellow flashing light or four-way flashers visible from all directions.

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16.A.19 No modifications or additions that affect the capacity or safe operation of machinery or equipment shall be made without the manufacturer's written approval.

a. If such modifications or changes are made, the capacity, operation, and maintenance instruction plates, tags, or decals shall be changed accordingly.

b. In no case shall the original safety factor of the equipment be reduced.

16.A.20 Steering or spinner knobs shall not be attached to the steering wheel unless the steering mechanism prevents road reactions from causing the steering handwheel to spin. When permitted, the steering knob shall be mounted within the periphery of the wheel.

16.A.21 Safeguards shall be provided to prevent machinery and equipment operating on a floating plant from going into the water.
> **See also 16.F.06.**

16.A.22 All powered-industrial trucks shall meet the requirements of design, construction, stability, inspection, testing, maintenance, and operation defined in ANSI/ASME B56.1.

16.A.23 All powered-industrial trucks, lift trucks, stackers, and similar equipment shall have the rated capacity posted on the vehicle so as to be clearly visible to the operator. When the manufacturer provides auxiliary removable counterweights, corresponding alternate rated capacities also shall be clearly shown on the vehicle. The ratings shall not be exceeded.

16.A.24 Only trained and authorized operators shall be permitted to operate a powered-industrial truck. Training must be both classroom and practical operation of the same type of truck the student uses on the job. Training shall be provided in accordance with OSHA Standard 29 CFR 1910.178. The employer must certify that the operator has been trained and evaluated as required by the standard. The certification shall include the name of the operator,

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16.A.33 Tire service vehicles shall be operated so that the operator will be clear of tires and rims when hoisting operations are being performed. Tires large enough to require hoisting equipment will be secured from movement by continued support of the hoisting equipment unless bolted to the vehicle hub or otherwise restrained.
> **Also see 16.B.06.**

16.A.34 Each bulldozer, scraper, dragline, crane, motor grader, front-end loader, mechanical shovel, backhoe, and other similar equipment shall be equipped with at least one dry chemical or CO₂ fire extinguisher with a minimum rating of 5-B:C.

16.A.35 Fill hatches on water haul vehicles shall be secured or the opening reduced to a maximum of 8 in (20.3 cm).

16.B GUARDING AND SAFETY DEVICES

16.B.01 Reverse signal (back-up) alarm.

a. All self-propelled construction and industrial equipment, whether moving alone or in combination, shall be equipped with a reverse signal alarm. > **Equipment designed and operated so that the operator is always facing the direction of motion does not require a reverse signal alarm.**

b. Reverse signal alarms shall be audible and sufficiently distinct to be heard under prevailing conditions.

c. Alarms shall operate automatically upon commencement of backward motion. Alarms may be continuous or intermittent (not to exceed 3-second intervals) and shall operate during the entire backward movement.

d. Reverse signal alarms shall be in addition to requirements for signal persons.

16.B.02 A warning device or signal person shall be provided where there is danger to persons from moving equipment, swinging loads, buckets, booms, etc.

N/A ?

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installed on split rims, or rims equipped with locking rings of similar devices. > ***Also see 16.A.33.***

16.B.07 No guard, safety appliance, or device shall be removed from machinery or equipment, or made ineffective, except for making immediate repairs, lubrications, or adjustments, and then only after the power has been shut off. All guards and devices shall be replaced immediately after completion of repairs and adjustments and before power is turned on.

16.B.08 Seatbelts and anchorages meeting the requirements of 49 CFR 571 shall be installed and worn in all motor vehicles (installation and usage on buses is optional). Two-piece seat belts and anchorages for construction equipment shall comply with applicable Federal specifications or Society of Automotive Engineers (SAE) Standard J386.

16.B.09 All high rider industrial trucks shall be equipped with overhead guards that meet the structural requirements defined in paragraph 4.21 of ANSI/ASME B56.1.

16.B.10 Suitable protection against the elements, falling or flying objects, swinging loads, and similar hazards shall be provided for operators of all machinery or equipment. Glass used in windshields or cabs shall be safety glass.

16.B.11 Falling object protective structures (FOPS).

a. All bulldozers, tractors, or similar equipment used in clearing operations shall be provided with guards, canopies, or grills to protect the operator from falling and flying objects as appropriate to the nature of the clearing operations.

b. FOPS for other construction, industrial, and grounds-keeping equipment will be furnished when the operator is exposed to falling object hazards.

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(5) Cranes, draglines, or equipment on which the operator's cab and boom rotate as a unit.

c. ROPS may be removed from certain types of equipment when the work cannot be performed with the ROPS in place and when ROPS removal is justified and delineated in an AHA and accepted in writing by the GDA.

d. The operating authority shall furnish proof from the manufacturer or certification from a licensed engineer that the ROPS complies with SAE Standards J167, J1040, J1042, J1084, and J1194, as applicable.

e. ROPS shall also be acceptable if they meet the criteria of any State that has a Department of Labor approved OSHA program or meet Water and Power Resources Service requirements.

f. The following information permanently affixed to the ROPS is acceptable in lieu of a written certification:

(1) Manufacturer's or fabricator's name and address;

(2) ROPS model number, if any; and

(3) Machine make, model, or series number that the structure is designed to fit.

g. Field welding on ROPS shall be performed by welders who are certified by the contractor as qualified in accordance with ANSI/AWS D1.1, Naval Sea Systems Command (NAVSEA) S9074-AQ-GIB-010/248, or the equivalent.

16.B.13 All points requiring lubrication during operation shall have fittings so located or guarded to be accessible without hazardous exposure.

c. Verification by the GDA or Contractor designated authority that the authorized employee who applied the device is not at the facility;

d. The GDA or Contractor designated authority makes all reasonable efforts to contact the authorized employee to inform him that the lockout and/or tagout devices are to be removed; and

e. The authorized employee is informed that the lockout and/or tagout devices have been removed before their resuming work at the facility.

SECTION 13

HAND AND POWER TOOLS

13.A GENERAL

13.A.01 Power tools shall be of a manufacture listed by a nationally-recognized testing laboratory for the specific application for which they are to be used.

13.A.02 Use, inspection, and maintenance.

a. Hand and power tools shall be used, inspected, and maintained in accordance with the manufacturer's instructions and recommendations and shall be used only for the purpose for which designed. A copy of the manufacturer's instructions and recommendations shall be maintained with the tools.

b. Hand and power tools shall be inspected, tested, and determined to be in safe operating condition before use. Continued periodic inspections shall be made to assure safe operating condition and proper maintenance.

c. Hand and power tools shall be in good repair and with all required safety devices installed and properly adjusted. Tools having defects that will impair their strength or render them unsafe shall be removed from service.

13.A.03 Guarding.

a. Power tools designed to accommodate guards shall be equipped with such guards. All guards must be functional.

b. Reciprocating, rotating, and moving parts of equipment shall be guarded if exposed to contact by employees or otherwise create a hazard.

13.A.04 When work is being performed overhead, tools not in use shall be secured or placed in holders.

13.A.05 Throwing tools or materials from one location to another or from one person to another, or dropping them to lower levels, shall not be permitted.

13.A.06 Only non-sparking tools shall be used in locations where sources of ignition may cause a fire or explosion.

13.A.07 Tools requiring heat treating or redressing shall be tempered, formed, dressed, and sharpened by personnel who are experienced in these operations.

13.A.08 The use of cranks on hand-powered winches or hoists is prohibited unless the hoists or winches are provided with positive self-locking dogs. Hand wheels with exposed spokes, projecting pins, or knobs shall not be used.

13.A.09 Hydraulic fluid used in powered tools shall retain its operating characteristics at the most extreme temperatures to which it will be exposed. **> For underground use, see 26.D.07.**

13.A.10 Manufacturers' safe operating pressures for hydraulic hoses, valves, pipes, filters and other fittings shall not be exceeded.

13.A.11 All hydraulic or pneumatic tools that are used on or around energized lines or equipment shall have non-conducting hoses of adequate strength for the normal operating pressures.

13.A.12 When fuel-powered tools are used in enclosed spaces, the requirements for concentrations of toxic gases and use of PPE, as outlined in Sections 5 and 6 of this manual, shall apply.

13.A.13 Clothing.

- a. PPE shall be used as outlined in Sections 5 and 6 of this manual.

- b. Loose and frayed clothing, loose long hair, dangling jewelry (including dangling earrings, chains, and wrist watches) shall not be worn while working with any power tool.

13.A.14 See Section 11.C for grounding requirements.

13.A.15 The electrical power control shall be provided on each machine/power tool to make it possible for the operator to cut off the power for the machine/power tool without leaving the point of operation.

13.A.16 Where injury to the operator may result if motors were to restart after power failures, provisions shall be made to prevent machines/power tools from automatically restarting upon restoration of power.

13.A.17 Floor- and bench-mounted power tools shall be anchored or securely clamped to a firm foundation. Anchoring or securing shall be sufficient to withstand lateral or vertical movement.

13.B GRINDING AND ABRASIVE MACHINERY

13.B.01 With the exception of the following, abrasive wheels shall be used only on machines provided with safety guards: **> see ANSI B74.2 for descriptions of abrasive wheel types**

- a. Wheels used for internal work while within the work being ground;
- b. Mounted wheels, 2 in (5 cm) and smaller in diameter, used in portable operations;
- c. Types 16, 17, 18, 18R, and 19 cones and plugs and threaded hole pot balls where the work offers protection or where the size does not exceed 3 in (7.6 cm) in diameter by 5 in (12.7 cm) long;

c. Verification by the GDA or Contractor designated authority that the authorized employee who applied the device is not at the facility;

d. The GDA or Contractor designated authority makes all reasonable efforts to contact the authorized employee to inform him that the lockout and/or tagout devices are to be removed; and

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- a. Wheels used for internal work while within the work being ground;
- b. Mounted wheels, 2 in (5 cm) and smaller in diameter, used in portable operations;
- c. Types 16, 17, 18, 18R, and 19 cones and plugs and threaded hole pot balls where the work offers protection or where the size does not exceed 3 in (7.6 cm) in diameter by 5 in (12.7 cm) long;

d. Type 1 wheels not larger than 2 in (5 cm) in diameter and not more than 1/2 in (1.2 cm) thick, operated at peripheral speeds less than 1800 surface-feet per minute (ft/min) (9.1 surface-m/s) when mounted in mandrels driven by portable drills;

e. Type 1 reinforced wheels not more than 3 in (7.6 cm) in diameter and 1/4 in (0.6 cm) in thickness, operating at peripheral speeds not exceeding 9500 surface-ft/min (48.3 surface-m/s), if safety glasses and face shield protection are worn.

13.B.02 Tongue guards on hand held power grinders shall be adjustable to within 1/4 in (0.6 cm) of the constantly decreasing diameter of the wheel at the upper opening.

13.B.03 Grinding machines shall be supplied with power sufficient to maintain the spindle speed at safe levels under all conditions of normal operation.

13.B.04 Work or tool rests shall not be adjusted while the grinding wheel is in motion.

13.B.05 Tool rests on power grinders shall not be more than 1/8 in (0.3 cm) distance from the wheel.

13.B.06 All abrasive wheels shall be closely inspected and ring-tested before mounting: cracked or damaged grinding wheels shall be destroyed.

13.B.07 Grinding wheels shall not be operated in excess of their rated safe speed.

13.B.08 Floor stand and bench-mounted abrasive wheels used for external grinding shall be provided with safety guards (protective hoods).

a. The maximum angular exposure of the grinding wheel periphery and sides shall be not more than 90°, except that

when work requires contact with the wheel below the horizontal plane of the spindle the angular exposure shall not exceed 125°; in either case, the exposure shall begin not more than 65° above the horizontal plane of the spindle.

b. Safety guards shall be strong enough to withstand the effect of a bursting wheel.

13.C POWER SAWS AND WOODWORKING MACHINERY

13.C.01 All woodworking machinery shall be operated and maintained in accordance with ANSI 01.1.

13.C.02 Guarding.

a. Circular saws shall be equipped with guards that automatically and completely enclose the cutting edges, splitters, and anti kickback devices.

b. All portable power-driven circular saws shall be equipped with guards above and below the base plate or shoe. The upper and lower guards shall cover the saw to the depth of the teeth, except for the minimum arc required to permit the base to be tilted for bevel cuts and for the minimum arc required to allow proper retraction and contact with the work, respectively. When the tool is withdrawn from the work, the lower guard shall automatically and instantly return to the covering position.

c. Blades of planers and jointers shall be fully guarded and have cylindrical heads with throats in the cylinder.

d. Band saw blades shall be fully enclosed except at the point of operation.

e. Additional guarding requirements for fixed (non portable) woodworking machinery are contained in Appendix E.

15.A.06 Hooks, shackles, rings, pad eyes, and other fittings that show excessive wear or that have been bent, twisted, or otherwise damaged shall be removed from service.

15.A.07 Custom designed grabs, hooks, clamps, or other lifting accessories for such units as modular panels, prefabricated structures, and similar materials shall be marked to indicate the safe working loads and shall be proof-tested, before use, to 125% of their rated load.

15.A.08 The practice of multiple lift rigging (Christmas tree lifting) is prohibited.

15.B WIRE ROPE

15.B.01 When two or more wires are broken or rust or corrosion is found adjacent to a socket or end fitting, the wire rope shall be removed from service or re-socketed. > **Special attention shall be given to the inspection of end fittings on boom support, pendants, and guy ropes.**

15.B.02 Wire rope removed from service due to defects shall be cut up or plainly marked as unfit for further use as rigging.

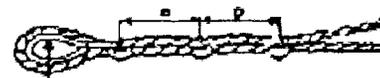
15.B.03 Wire rope clips attached with U-bolts shall have the U-bolts on the unloaded (dead) or short end of the rope. The clip nuts shall be retightened immediately after initial load carrying use and at frequent intervals thereafter. > **See Figures 15-1 and 15-2 and Table 15-1.**

15.B.04 When a wedge socket fastening is used, the unloaded (dead) or short end of the wire rope shall be looped back and secured to itself by a clip or have a separate piece of equal size wire rope attached with a clip or be properly secured to an extended wedge. The clip shall not be attached to the load (live) end. > **See Figure 15-3.**

FIGURE 15-1

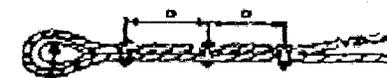
WIRE ROPE CLIP SPACING (NOT TO BE USED FOR SLINGS)

U-Bolt Clip



Thimble
U-Bolt of All clips on dead
end of rope.
Never stagger clips.
Never put U-Bolt of clip on
live end of rope.

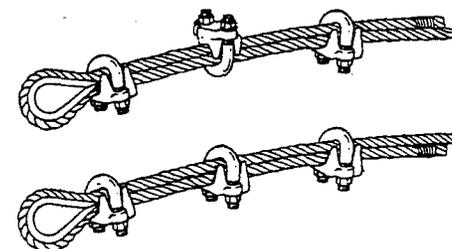
Fix Grip Clip



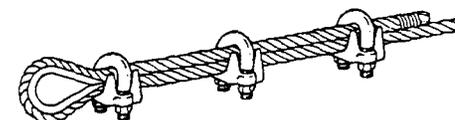
Thimble
Note: D = six times diameter
of wire rope

FIGURE 15-2

WIRE ROPE CLIP ORIENTATION (NOT TO BE USED FOR SLINGS)



The wrong way to clip wire rope



The right way to clip wire rope

5 openings shall be kept closed when material is not being removed.

d. Floor openings shall have curbs or stop-logs to prevent equipment from running over the edge.

e. Any opening cut in a floor for the disposal of materials shall be not longer in size than 25% of the aggregate of the total floor area, unless the lateral supports of the removed flooring remain in place. Floors weakened or otherwise made unsafe by demolition shall be shored to carry safely the intended imposed load for demolition.

23.C WALL REMOVAL

23.C.01 Masonry walls, or sections of masonry, shall not be permitted to fall upon the floors of the building in such masses as to exceed the safe carrying capacities of the floors.

23.C.02 No wall section that is more than 6 ft (1.8 m) in height shall be permitted to stand without lateral bracing, unless such wall was designed and constructed to stand without such lateral support and is in a condition safe enough to be self-supporting. No wall section shall be left standing without lateral bracing any longer than necessary for removal of adjacent debris interfering with demolition of the wall. Exception to this requirement will be allowed for such wall sections that are designed and constructed to stand without lateral support.

23.C.03 Employees shall not be permitted to work on the top of a wall when weather constitutes a hazard.

23.C.04 Structural or load-supporting members on any floor shall not be cut or removed until all stories above such a floor have been demolished and removed. This shall not prohibit the cutting of floor beams for the disposal of materials or for the installation of equipment, providing the requirements of 23.B.09 and 23.D. are met.

23.C.05 Floor openings within 10 ft (3 m) of any wall being demolished shall be planked solid, except when employees are kept out of the area below.

23.C.06 In buildings of skeleton-steel construction, the steel framing may be left in place during the demolition of masonry. Where this is done, all steel beams, girders, and structural supports shall be cleared of all loose material as the masonry demolition progresses downward.

23.C.07 Walls that serve as retaining walls to support earth or adjoining structures shall not be demolished until such earth has been braced or adjoining structures have been underpinned.
> See 23.A.05.

23.C.08 Walls shall not be used to retain debris unless capable of safely supporting the imposed load.

23.D FLOOR REMOVAL

23.D.01 Openings cut in a floor shall extend the full span of the arch between supports.

23.D.02 Before demolishing any floor arch, debris and other material shall be removed from such arch and other adjacent floor area.

a. Planks not less than 2 in x 10 in (5 cm x 25.4 cm) in cross section, full sized undressed, shall be provided for and shall be used by employees to stand on while breaking down floor arches between beams.

b. Such planks shall be so located as to provide a safe support for personnel should the arch between the beams collapse.

c. Straddle space between planks shall not exceed 16 in (40.6 cm).

23.D.03 Safe walkways, not less than 18 in (45.7 cm) wide, formed of wood planks not less than 2 in (5 cm) thick or of equivalent strength, shall be provided and used by personnel when necessary to enable them to reach any point without walking upon exposed beams.

23.D.04 Stringers of ample strength shall support the flooring planks. The ends of such stringers shall be supported by floor beams or girders and not by floor arches alone.

23.D.05 Planks shall be laid together over solid bearings with the ends overlapping at least 1 ft (0.3 m).

23.D.06 When floor arches are being removed, employees shall not be allowed in the area directly underneath. The area shall be barricaded to prevent access and signed to warn of the hazard.

23.E STEEL REMOVAL

23.E.01 When floor arches have been removed, planking shall be provided for the workers razing the steel framing.

23.E.02 Steel construction shall be dismantled column-by-column and tier-by-tier (columns may be in two-story lengths).

23.E.03 Any structural member being dismembered shall not be overstressed.

23.F MECHANICAL DEMOLITION

23.F.01 No person shall be permitted in any area that can be affected by demolition when balling or clamming is being performed. Only those persons necessary for the operations shall be permitted in this area at any other time.

23.F.02 The weight of the demolition ball shall not exceed 50% of the crane's rated load, based on the length of the boom and the maximum angle of operation at which the demolition ball will be

used, or it shall not exceed 25% of the nominal breaking strength of the line by which it is suspended, whichever is less.

23.F.03 The crane boom and load line shall be as short as possible.

23.F.04 The ball shall be attached to the load line with a swivel connection to prevent twisting of the load line and shall be attached by positive means so that the weight cannot accidentally disconnect.

23.F.05 When pulling over walls or portions of walls, all steel members affected shall have been cut free.

23.F.06 All roof cornices or other ornamental stonework shall be removed prior to pulling walls over.

18.C.09 All motor vehicles shall be shut down prior to and during fueling operations. > See **16.A.15**.

18.D ALL TERRAIN VEHICLES (ATV)

18.D.01 Every ATV operator shall have completed a nationally-recognized accredited ATV training course (such as provided by the Specialty Vehicles Institute of America or in-house resources that have been certified as trainers by an accredited organization) prior to operation of the vehicle. The operator must pass an operating skills test prior to being allowed to operate an ATV. Proof of completion of this training shall be made available to the GDA upon request.

18.D.02 The manufacturer's recommended payload shall not be exceeded at any time.

18.D.03 Gloves and an approved motorcycle helmet with full-face shield or goggles shall be worn at all times while operating a Class I ATV.

18.D.04 ATVs shall be used only off-road (no paved road use unless allowed by the manufacturer).

18.D.05 ATVs shall be driven during daylight hours (unless properly equipped with lights for night use).

18.D.06 Only ATVs with four or more wheels may be used.

18.D.07 Passengers are prohibited on Class I ATVs.

18.D.08 All ATVs shall be equipped with a warning signal device (horn), tail lights, and stop lights.

18.D.09 A copy of the operators manual will be kept on the vehicle and protected from the elements (if practicable).

18.D.10 Tires shall be inflated to the pressures recommended by the manufacturer.

18.D.11 ATVs will be equipped with mufflers.

18.D.12 All ATVs shall be equipped with spark arresters.

18.D.13 All Class II ATVs shall be equipped with ROPS.

18.E AIRCRAFT

18.E.01 All non-military aircraft shall be registered, certified in the appropriate category, and maintained in accordance with the airworthiness standards of the FAA. (If used OCONUS, and not prohibited by other regulation such as ER 95-1-1, registration, certification, and maintenance in accordance with the standards of a comparable governing body of foreign or international authority may be substituted for those of the FAA.)

18.E.02 All contract pilots or pilots of chartered aircraft shall hold at least a commercial pilot certificate with instrument rating. All pilots of non-military aircraft shall possess ratings to comply with the FAA Regulation governing the aircraft and operations involved.

18.E.03 All non-military aircraft shall be equipped with a two-way radio.

18.E.04 All non-military flight operations shall be in accordance with the FAA rules governing conduct for the specific operation. (Examples are 14 CFR 133 (Federal Aviation Regulation 133); 14 CFR 135 (Federal Aviation Regulation 135); and 14 CFR 91 (Federal Aviation Regulation 91).

18.E.05 All military flight operations shall be conducted under appropriate DOT/DOD regulations, such as the AR 95 Series.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 023

Date or Time Period
Sunday July 17, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low:

Temp High:

AM/PM:

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory:
 Initial:
 Follow-up:
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved?

Yes No N/A

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity?

Yes No N/A

Have samples been properly labeled and packaged?

Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC crew day off.2. Total personnel: 23.

Manpower On Site

Personnel	Classification	Sunday	Hours	Off Island
BEESC		7-17-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent			
Hank Seipt	CQCSM			
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO			
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman			
Kim Leach	Driver/Operator			
Bill Thorton	Operator			
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic			
Troy Whitmore	Oiler/Mechanic			
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer			
Sam Mokiuyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Sylvia Toolie	Office Staff			
Jacob Olanna	Laborer			
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	6	6
Ford Lube/Fuel Tk	50-201							24	2.5	26.5
Ottawa Yard Goat-5 th wheel	50-320							0	1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329							50	14.5	64.5
Kenworth Tractor-5 th wheel	50-330							25	4	29
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351							2	0	2
Marooka MST 2200 Flatbed w/reel	50-352							26.5	1.5	28
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-11	T-12	W-13	TH-14	F-15	S-16	Week's Total	Prior Week	Total
.RFR10 Log Loader (Bailey Truck)	50-426							9	0	9
Cat 980C loader w/bucket & forks	50-501							42.5	6.5	49
Cat 988B loader w/bucket & forks	50-505							29	26	54
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800							12	3.5	15.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100									
Cat D8K Winch Cat	51-101									
Hitachi EX300LC Excavator	51-200							0	19.5	19.5
Hitachi EX120 Excavator	51-204							43.5	41	84.5

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	12	13
Activity: CL001003, CTP-3			
Activity: CL001401, Soil Removal Excavation Area 31 (A-1,2, & 3)		50%	50%
Activity: CL001402, Soil Removal Excavation Area 31 B		50%	50%
Activity: CL001403, Soil Removal Excavation Area 31 C		50%	50%
Activity: CL001411-CL001415, Soil Removal Areas 7A-7E		50%	50%
Activity: CL001404-CL001405, Soil Removal Areas 14 A & 14B		50%	50%
Activity: CL001409- CL001410, Site Removal Area 13 D & E		50%	50%
Activity: CL001406-CL001408, Site Removal Area 13 A , 13 B & 13C			50%
Activity: CL00804, Scrap Metal Removal		15.8 tons	5%
Activity: CL001105, Clean up of 1 acre around Site 24		5%	5%

Accumulative tonnage of concrete removed: 63.215 (7/8/05) +63.38 (7/10/05)=126.595

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- None

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

A crew day-off. A Maintenance day for the camp; QAR involved in the project Initial Administrative Letter update along with the re-submitted Pay Estimate No. 002.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ABE* / *QAR* *18-July*
'05

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable. attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris (mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	95% (7/16/05)
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea 2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/14/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 024

Date or Time Period
Monday July 18, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 60-65

AM/PM: Partly cloudy to sunny, calm to light winds (0 to 10 MPH), warm temperatures.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Collecting soil screen samples.3. Continued plasma cutting of stockpiled scrap metal.4. Continued clean up around Site 245. Total personnel: 23.

Manpower On Site

Personnel	Classification	Monday	Hours	Off Island
BEESC		7-18-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	6	6
Ford Lube/Fuel Tk	50-201	6						24	2.5	26.5
Ottawa Yard Goat-5 th wheel	50-320							0	1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329	4						50	14.5	64.5
Kenworth Tractor-5 th wheel	50-330							25	4	29
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351							2	0	2
Marooka MST 2200 Flatbed w/reel	50-352	9						26.5	1.5	28
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Week	Total
.RFR10 Log Loader (Bailey Truck)	50-426	7						9	0	9
Cat 980C loader w/bucket & forks	50-501	6						42.5	6.5	49
Cat 988B loader w/bucket & forks	50-505	4						29	26	54
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800	4						12	3.5	15.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	1								
Cat D8K Winch Cat	51-101	1								
Hitachi EX300LC Excavator	51-200							0	19.5	19.5
Hitachi EX120 Excavator	51-204	10.5						43.5	41	84.5

Materials Received to be Used on or Incorporated into Site

Miscellaneous freight and communication system parts arrived by charter air service.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	13	14
Activity: CL001003, CTP-3			
Activity: CL001401, Soil Removal Excavation Area 31 (A-1,2, & 3)	25%	50%	75%
Activity: CL001402, Soil Removal Excavation Area 31 B	25%	50%	75%
Activity: CL001403, Soil Removal Excavation Area 31 C	25%	50%	75%
Activity: CL001411-CL001415, Soil Removal Areas 7A-7E	25%	50%	75%
Activity: CL001404-CL001405, Soil Removal Areas 14 A & 14B	25%	50%	75%
Activity: CL001409- CL001410, Site Removal Area 13 D & E	25%	50%	75%
Activity: CL001406-CL001408, Site Removal Area 13 A , 13 B & 13C	25%	50%	75%
Activity: CL00804, Scrap Metal Removal		15.8 tons	5%
Activity: CL001105, Clean up of 1 acre around Site 24	50%	5%	55%

Accumulative tonnage of concrete removed: 63.215 (7/8/05) +63.38 (7/10/05)+ 15.10=141.695

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- None.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Sengit
CQCSM Signature

7/19/05
Date

Rollin P. Pich
Site Superintendent Signature

7-19-05
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A

Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature	Date	Supervisor's Initials	Date
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Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A

Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

Standard concerns covered at the 0700 Safety Tailgate Mtg. Weather turned from a foggy overcast morning to a mostly sunny afternoon; mountain was mostly visible through the day. Crews deployed to the Sites 24 & 25 Debris field areas; sampler crew tending to Sites 31 and at various points about the former main AFS cantonment; More scrap tank steel cut-up. Further investigation of the "Cat trail mountain access" conducted; CQC Hank Seipt and SSOH Toby Petersen on ATV's made it up to the top today. QA photos obtained of project progress and transferred to the PDT. An agenda is received of BEESC PM Steve Johnson for a weekly tele-conference to be held tomorrow Tuesday, 19 July at 0900 hours. Safety observed throughout.

QA Safety Inspections/Observations not noted in above comments:

SA Miller *ALB* *20 July*
QAR *'05*

QAR Signature Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grnd. And some on grnd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	95% (7/16/05)
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/14/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	(7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Date: 07/18/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls as related to uneven ground surfaces
Level D PPE
Heavy equipment operations
First responder procedures for First Aid
General site safety rules reviewed

Clin No: CL001401/2/-14

Task to be accomplished: Collect soil samples from the former Bldg 1001. Location of samples collected 31A-1, 2, 3 and 31B. Soil may contain PCB contamination.

Observations/Comments: Observed the soil sample collection process at Bldg 1001. Sample locations were 31A-1, 2, 3 and 31B respectively. Personnel assigned this task were the Lead Sampler Larry Pederson and (1) other. Level D PPE was maintained throughout the process. In addition to the above mentioned PPE, nitrile glove were worn by the sampler. After each sample was collected a glove change was performed to eliminate the spread of possible contamination between samples and other areas to be sampled. Data collection and sampling process were performed IAW SAP.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 025

Date or Time Period
Tuesday July 19, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High:

AM: High overcast, calm to light winds (0 to 10 MPH).

PM: Partly cloudy, sunny, calm to light winds (0 to 10 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: Yes. Remove Debris on Upper Mountain (CAT trail rehabilitation)
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

No deficiencies noted today.

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and SafetyWorker protection levels this date: Level B Level C Level D Modified Level D Was any work activity conducted within a confined space? Yes No N/A Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A Were approved decontamination procedures used on workers and equipment as required? Yes No N/A Was a Job Safety Meeting held this day? Yes No N/A Were there any "Lost Time" accidents this day? (if YES, attach copy of completed accident report) Yes No N/A Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. 1 BEESC personnel (Kava) departed island and 1 BEESC personnel (Roberts) arrived on island.3. Continued collecting soil screen samples.4. Continued plasma cutting of stockpiled scrap metal.5. Continued clean up around Site 24.6. Initiated clean up around Site 25.7. Initiated removal of armored cable north and west of AFS Ops area.8. Completed clean up of Borrow Area Loading Ramp.9. Total personnel: 23.

Manpower On Site

Personnel	Classification	Tuesday	Hours	Off Island
BEESC		7-19-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH		4	
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer		11	
Sam Mokiuyuk	Laborer		11	
Truman Kava	Laborer		5.5	Today
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	6	6
Ford Lube/Fuel Tk	50-201	6						24	2.5	26.5
Ottawa Yard Goat-5 th wheel	50-320							0	1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329	4	1					50	14.5	64.5
Kenworth Tractor-5 th wheel	50-330		4					25	4	29
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351		6					2	0	2
Marooka MST 2200 Flatbed w/reel	50-352	9	10					26.5	1.5	28
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Week	Total
.RFR10 Log Loader (Bailey Truck)	50-426	7	5					9	0	9
Cat 980C loader w/bucket & forks	50-501	6	4					42.5	6.5	49
Cat 988B loader w/bucket & forks	50-505	4	6					29	26	54
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800	4	5					12	3.5	15.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	1								
Cat D8K Winch Cat	51-101	1								
Hitachi EX300LC Excavator	51-200							0	19.5	19.5
Hitachi EX120 Excavator	51-204	10.5	10					43.5	41	84.5

Materials Received to be Used on or Incorporated into Site

Vehicle/equipment parts and miscellaneous material arrived by air charter.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

QAR noted some inconsistencies in completion and recording of completed CLIN activities, specifically the recording of CLIN activities CL000806 and of CL001001 (lack of recordings in the activities in the CLIN Completion Summary for 7/16-18). An error, crediting completion of CL0001003, was also noted and corrected for 7/16-18.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No
-

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	14	15
Activity: CL001003, CTP-3			
Activity: CL001401, Soil Removal Excavation Area 31 (A-1,2, & 3)	15%	75%	90%
Activity: CL001402, Soil Removal Excavation Area 31 B	15%	75%	90%
Activity: CL001403, Soil Removal Excavation Area 31 C	15%	75%	90%
Activity: CL001411-CL001415, Soil Removal Areas 7A-7E	15%	75%	90%
Activity: CL001404-CL001405, Soil Removal Areas 14 A & 14B	15%	75%	90%
Activity: CL001409- CL001410, Soil Removal Area 13 D & E	15%	75%	90%
Activity: CL001406-CL001408, Soil Removal Area 13 A , 13 B & 13C	15%	75%	90%
Activity: CL00804, Scrap Metal Removal		15.8 tons	5%
Activity: CL001105, Clean up of 1 acre around Site 24	30%	55%	85%
Activity: CL001106, Clean up of 1 acre around Site 25		50%	50%
Activity: CL000704, Former Borrow Area Loading Ramp			95%
Activity: CL000910, Armored Cable West of Building 98		50%	50%

Accumulative tonnage of concrete removed: 63.215 (7/8/05)+63.38 (7/10/05)+15.10 (7/16/05) =141.695

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Weekly conference call between USACE and BEESC, 0900 to 1015.
- One BEESC laborer (Kava) left island and BEESC CIH (Roberts) arrived on island.
- Completed CLIN Activity CL000704.

Comments:

- None.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

7/20/05
Date

[Signature]
Site Superintendent Signature

7-20-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Standard concerns covered at the 0700 hours morning Tailgate. Weather is good throughout the day, with a high overcast turning to broken clouds with sunshine in late morning –second good weather day in a row in 2 weeks. More strong sun shall be needed to help evaporate some of the standing water in the MEC Bldg excavation for PCB sampling, as well as on the yet-to-be graded mountain slope.

The Lower Tram, Borrow Source Loading Area ramp was cleared of debris with the small excavator (CLIN 704). QA obtained photos of field debris clean-up progress to compare against yesterday's photos and transmitted same to the PDT. Safety observed throughout.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ALOE/QAR* *21-JULY*
'05

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	
CL000401-4	Field Overhead, including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea 2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length.	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
	Electrical vault along Sewer Outfall utilidor, NE.			
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.05 bgs. Excavation 31A	NE Cape	BEESC	
CL001402-14	Excavate soil to 0.5' bgs. Excavation 31B	NE Cape	BEESC	
CL001403-14	Excavate soil to 0.5' bgs. Excavation 31C.	NE Cape	BEESC	
CL001404-14	Excavate soil to 1.0' bgs. Excavation 14A.	NE Cape	BEESC	
CL001405-14	Excavate soil to 0.5' bgs. Excavation 14B.	NE Cape	BEESC	
CL001406-14	Excavate soil to 2.5' bgs. Excavation 13A.	NE Cape	BEESC	
CL001407-14	Excavate soil to 4.5' bgs. Excavation 13B.	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

INITIAL PHASE CHECKLIST

CONTRACT NO.: W911KB-04-C-0019

DATE: July 19, 2005, 1:00-1:30

PROJECT: White Alice Tram and Debris Removal

DEFINABLE FEATURE WORK: Remove Debris on Upper Mountain

GOVERNMENT REPRESENTATIVE NOTIFIED 0 HOURS IN ADVANCE.

I. Personnel Present, Including Work Crew:

	NAME	POSITION	COMPANY
1.	Henry Seipt	CQCSM	BEESC
2.	Rollie Goebel	Site Superintendent	BEESC
3.	Mac McDonald	Foreman	BEESC
4.			
5.			
6.			
7.			
8.			

II. Indicate Exact Location of Feature / Item Inspected: Site 33 and Site 34 and their environs plus the Cat road leading from the Lower Mountain area to the Upper Mountain.

III. Materials and Equipment Being Used Are In Strict Compliance With Contract

Requirements. Yes. Heavy equipment to rehabilitate the Cat road, off-road vehicles to access debris sites at the Upper Mountain, off-road lifting and hauling equipment, hand tools, and debris containers are present on NE Cape.

If Not, Explain

IV. Procedures and / or Work Methods Witnessed Are In Strict Compliance With Contract

Requirements: Yes. The various types of debris (primarily wood (70%) and metal (30%) will be removed, reduced in size if necessary, hauled from the Upper Mountain to the AFS Ops area, loaded into sea-going containers (connexes), sealed, weighed, and the containers stockpiled for subsequent sea shipment from NE Cape to a designated landfill for disposal.

If Not, Explain:

V. Construction Tolerances and Workmanship Standards Are In Strict Compliance

With Contract Requirements : Yes. Workmanship standards, i.e., removal of the USACE designated debris in Debris Fields #1 and #2 is delineated in Appendix H of the CQC Plan.

State Areas Where Improvement is Needed: _____

VI. Required Inspection and Tests Are Demonstrated and In Strict Compliance With

Contract Requirements: Yes. Visual field checks will be completed to ensure USACE designated debris is found and removed. No testing of any sort is associated with this DFW.

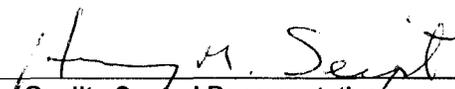
If Not, Explain:

VII. Safety Procedures of Hazard Analysis Followed: Yes. Chemical hazards are not anticipated to be encountered during completion of the DFW. Level D PPE should provide adequate safeguards against any physical hazards associated with this DFW. The steep grade and poor condition of the Cat trail road will require extreme care by the equipment operators during the trail rehabilitation process.

If Not, Explain Corrective Action: _____

VIII. Instruction Received From Government Representative (Include Any Discussion On Testing, Control Procedures, and Definitive Description of the Agreed On Quality of Workmanship):

1. None.



Quality Control Representative

Quality Assurance Representative

**NE CAPE TRAM & DEBRIS REMOVAL
TELECON AGENDA
0900 hr July 19, 2005**

Reminder: Conference call-in number: 1 800 315-6338, Access code: 25037#

1. Progress to date
 - a. Mobilization
 - b. Work Items
 - c. Health and safety issues
 - i. Training update
 - d. Waste transport/disposal issues
2. Work for upcoming week
3. Potential additional items
 - a. Waste items
 - b. Site 7
4. Schedule update
 - a. Projected completion date
5. Other issues
6. Progress Invoice 02

**WEEKLY MEETING
JULY 19, 2005**

**NE Cape: R. Goebel, H. Seipt, T. Peterson, L. Pederson, and S. Mills
BEESC Anchorage: S. Johnson, C. Croley, and P. Curl**

AGENDA PROVIDED BY BEESC

1. Progress to Date

A. R. Goebel

Provided a chronology of work completed to date (through July 18).

B. H. Seipt

Provided a list of CLIN Activities complete to date.

Preliminary Work CLINs 2 & 3

CLINs 8 & 11

CLIN 9

CLINs 10 & 16

CLIN 14

C. L. Pederson

Provided a summary of soil and concrete sampling activities and projected activities.

C. T. Peterson

Provided a summary of Safety and Health issues including site training activities (ATV's and Plasma Cutting)

D. P. Curl

2. Week's Upcoming Work

A. Completion of CAT trail to Upper Mountain

B. Upper Mountain work depending on weather conditions

C. Lower Mountain work (plasma cutting, debris removal, cable pick up)

3. Potential Additional Items

A. Additional antennas south of Site 24/25

B. Material tonnages

C. Site 7 metal tonnage

4. Schedule

A. Work on schedule. On tract for September 8 completion date.

5. Invoicing

A. S. Mills spoke with S. Johnson and USACE Fairbanks personnel discussed second progress payment, sending in by BEESC and payment by USACE.

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Completed collecting soil screen samples at soil excavation sites.3. Initiated PCB soil sample screen testing.4. Removed wood poles and miscellaneous debris south of the road to Sites 24/25 and in the AFS Ops area.5. Completed clean up around Site 24 and Site 25.6. Completed removal of armored cable north and northwest of AFS Ops area.7. Completed clean up of Borrow Area Loading Ramp.8. Completed rehabilitation of the CAT road to the Upper Mountain area.9. Total personnel: 23.

Manpower On Site

Personnel	Classification	Wednesday	Hours	Off Island
BEESC		7-20-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH		11	
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		11	
Eugene Toolie	Laborer		11	
Sam Mokiuyuk	Laborer		11	
Truman Kava	Laborer			
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	6	6
Ford Lube/Fuel Tk	50-201	6		11				24	2.5	26.5
Ottawa Yard Goat-5 th wheel	50-320							0	1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329	4	1					50	14.5	64.5
Kenworth Tractor-5 th wheel	50-330		4	4				25	4	29
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351		6	11				2	0	2
Marooka MST 2200 Flatbed w/reel	50-352	9	10	11				26.5	1.5	28
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Week	Total
.RFR10 Log Loader (Bailey Truck)	50-426	7	5					9	0	9
Cat 980C loader w/bucket & forks	50-501	6	4	6				42.5	6.5	49
Cat 988B loader w/bucket & forks	50-505	4	6					29	26	54
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800	4	5					12	3.5	15.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	1		6						
Cat D8K Winch Cat	51-101	1		7						
Hitachi EX300LC Excavator	51-200							0	19.5	19.5
Hitachi EX120 Excavator	51-204	10.5	10	5				43.5	41	84.5

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	15	16
Activity: CL001003, CTP-3			
Activity: CL001401, Soil Removal Excavation Area 31 (A-1,2, & 3)	5%	90%	95%
Activity: CL001402, Soil Removal Excavation Area 31 B	5%	90%	95%
Activity: CL001403, Soil Removal Excavation Area 31 C	5%	90%	95%
Activity: CL001411-CL001416, Soil Removal Areas 7A-7E	5%	90%	95%
Activity: CL001404-CL001405, Soil Removal Areas 14 A & 14B	5%	90%	95%
Activity: CL001409- CL001410, Soil Removal Area 13 D & E	5%	90%	95%
Activity: CL001406-CL001408, Soil Removal Area 13 A , 13 B & 13C	5%	90%	95%
Activity: CL00804, Scrap Metal Removal		15.8 tons	5%
Activity: CL001105, Clean up of 1 acre around Site 24	10%	85%	95%
Activity: CL001106, Clean up of 1 acre around Site 25	45%	50%	95%
Activity: CL000911, Armored Cable Sewer Outfall to NE	45%	50%	95%
Activity: CL000302, Upper Mountain Access			100%
Activity: CL000620, CMP Water Collector			95%

Accumulative tonnage of concrete removed: 63.215 (7/8/05)+63.38 (7/10/05)+15.10 (7/16/05) =141.695

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.) Completed CLIN activities CL001401-CL001416, CL001105, CL001106, CL000911, CL000302 and CL000620.

Comments: Added CLIN activities CL001409-CL001417 as per changes delineated in the modification dated 5/5/2005.

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

7/21/05
Date

Rollin Baber
Site Superintendent Signature

7-21-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

Standard concerns at the 0700 hours morning Safety Tailgate. Morning weather was high overcast with some mtn fog. Low-lying fog increased through the afternoon with an incoming low pressure that brought gusty winds.

More work accomplished in the sampling pits, the target debris fields in the AFS perimeter, and the mtn access. As reported, CLIN's 302, 620, 911, 1105, 1106, 1401 thru 1411 completed today. As per the recently awarded mod', CLIN's 1409 – 1417 added to taskwork (PCB soil excavations & transport to staging) . Safety observed throughout despite deteriorating weather conditions.

QA Safety Inspections/Observations not noted in above comments:

D.A. Mills *ACoE* *22 JULY*
QAR *'05*

QAR Signature Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 1 1/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 1 1/4" steel cables. Some above grnd. And some on grnd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Date: 07/20/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with wet conditions
Level D PPE
Control of bleeding, use of gauze, application of pressure on wound, fractured limbs
General site safety rules reviewed

Clin No: CL00910

Task to be accomplished: Removal Armored Cable on the ground in the vicinity of AFS Ops.

Observations/Comments: This safety report is a follow-up to the report dated 07192005. This report will be used to document the corrective action process associated with the repair of the hydraulics driven reel assembly. Problems to be corrected were:

1) The hydraulic systems release of the cable after collection on the reel.

2) Providing a positive and immediate means of shutting the system down.

The BEESC Mechanic was performing various system specific equipment checks as I arrived in the AFS Ops area. I observed the cycling of the hydraulic system which is used to engage the reel/drum mechanism. Performance was intermittent and would be evaluated with a load on the system. Even without hydraulic means the system could be operated safely in a manual configuration. The positive/immediate means of shutting the system down was of greater concern. The mechanic was unable to install a kill mechanism (due to mechanical constraints) to allow for a force shutdown. Instead, the fuel cutoff switch was used to stop the system. This action does provide a means to shut the system down. The timeframe with which the corrective action was performed was more than adequate. Lost production time due to corrective action/repairs was minimal. During the collection of cable in AFS Ops area the system appeared to be functioning as designed.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 027

Date or Time Period
Thursday July 21, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM/PM: Low to moderate overcast, light to moderate winds (10 MPH to 20 MPH), and light to moderate precipitation throughout day.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: Yes.
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total
Ensys Soil Screening	Soil		48

Initial screen sampling of soil excavations completed. Also includes additional samples from re-excavation of Sites 7E and 13E.

Have Data Quality Objectives been achieved? Yes No N/A

Six of the 48 samples were Ensys QC method (calibration) samples.

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Level C PPE utilized by 1 BEESC personnel to pulverized PCB-impacted concrete in order to generate sample material for the Ensys screen test. A respirator fit testing was completed by the SSHO prior to beginning the pulverization process.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Completed PCB soil sample screen testing at of soil excavation sites.3. Initiated PCB concrete sample screen testing for off site disposal.4. Continued picking up and loading into containers miscellaneous stockpiled debris.5. Completed removal of concrete pad CTP 13-3.6. Excavated additional soil at Excavation Sites 13E and 7E.7. 2 BEESC personnel (Calugan and Roberts) left island by air charter.8. 1 IT personnel (Welsh) left island by air charter.9. Total personnel: 20.

Manpower On Site

Personnel	Classification	Thursday	Hours	Off Island
BEESC		7-21-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH		8	Today
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman		8	Today
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer			
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
Brian Welsh	IT Tech		1 Day	Today
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	6	6
Ford Lube/Fuel Tk	50-201	6		11	11			24	2.5	26.5
Ottawa Yard Goat-5 th wheel	50-320							0	1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329	4	1		7			50	14.5	64.5
Kenworth Tractor-5 th wheel	50-330		4	4	2			25	4	29
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351		6	11	2			2	0	2
Marooka MST 2200 Flatbed w/reel	50-352	9	10	11	2			26.5	1.5	28
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Week	Total
.RFR10 Log Loader (Bailey Truck)	50-426	7	5					9	0	9
Cat 980C loader w/bucket & forks	50-501	6	4	6				42.5	6.5	49
Cat 988B loader w/bucket & forks	50-505	4	6		8			29	26	54
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800	4	5		3			12	3.5	15.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	1		6						
Cat D8K Winch Cat	51-101	1		7	3					
Hitachi EX300LC Excavator	51-200							0	19.5	19.5
Hitachi EX120 Excavator	51-204	10.5	10	5	10			43.5	41	84.5

Materials Received to be Used on or Incorporated into Site

Vehicle parts and miscellaneous freight arrived by air charter.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	16	17
Activity: CL001003, CTP 13-3			95%
Activity: CL00804, Scrap Metal Removal		15.8 tons	5%

Accumulative tonnage of concrete removed: 63.215 (7/8/05)+63.38 (7/10/05)+15.10 (7/16/05) =141.695

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Completed CLIN Activity CL001003.
- Completed initial Ensys screen sampling of soil excavation sites. Ensys PCB soil screening results indicated excavation sites 31A, 31B, 31C, 14A, 14B, 7E, 13A, 13B, 13C, 13D and 13E require further soil removal.
- Excavation sites 13E and 7E were overexcavated (approximately 6 inches of additional soil was removed from the bottom of the pit) and resampled. Ensys PCB soil screening results indicated no further excavation was required at excavation site 13E, but would be required at site 7E. The latter site bottomed in landfill solid waste.
- Two BEESC personnel (Roberts and Calugan) and one IT subcontractor personnel (Walsh) left island.

Comments:

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05+	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05						

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seibert
CQCSM Signature

7/22/05
Date

J. Allen Roedel
Site Superintendent Signature

7-22-05
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature	Date	Supervisor's Initials	Date
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Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

Morning concerns at the 0700 hours morning Safety Tailgate Mtg is for slips due to the precipitation of the prior evening and potential for today. Labor is reminded of the three-point access and egress rule for the heavy equipment to help prevent slips on elevated steel surfaces. Weather through the day was continually overcast, foggy with intermittent light rain. As reported, more PCB sampling at Sites 07, 13, and 31; Metals debris-cutting continues in the metals cutting area; More debris collected from the former AFS Ops area perimeter.

As reported; Have confirmed there to be PCB hits in EnSys PCB soil screening results indicating PCB detect above 0.5 ppm in excavation sites 7E; 13A – E; 14A & B; and 31A – C . Six more inches in soil depth were removed at Sites 7E and 13E; The next sample at 7E revealed additional PCB detect above 0.5 ppm, but that sample was observed to be probably occurring circa landfill debris. The 13E extra soil removal for that following sample cleared that pit. All other pits may require further soil removal. Lab analyses returns next week shall reveal the true numbers in volatile ppm with which the PDT may determine where further excavation of these pits is desired. The QAR shall seek to update the total quantity of soil excavated thus far.

Site 13 (Bldg 110) Concrete Transformer Pad (CTP 13 – 03) CLIN completed today.

Additional QA photos obtained at Site 07 today; Safety observed throughout.

QA Safety Inspections/Observations not noted in above comments:

S. A. Miller *ACE* *23 JULY*
QAR *105*

QAR Signature Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 1 1/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 1 1/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

FOLLOW-UP PHASE CHECKLIST

Contract No.: W911KB-04-C-0019

Date: July 21, 2005

Definable Feature: Various Specified Sites/Areas of Interest on Lower Mountain, Roads, Pads, Cargo Beach and in the Surrounding Tundra

Government Representative Notified 0 Hours in Advance

CLLIN Activities:

- CLIN 6---CL000620
- CLIN 7---CL000704
- CLIN 8---CL000801 and CL000806
- CLIN 9---CL000911, CL000913, and CL000914
- CLIN 10---CL001001
- CLIN 11---CL0011105 and CL001106
- CLIN 14---CL001401-CL001416

I. Personnel Present:

Name	Position	Company/Government
H.Seipt	CQCSM	BEESC

II. Identify full compliance with procedures identified at preparatory, including plans, specifications, and submittals.

Comments: Inspected above listed sites over the last week to ascertain completion of work in accordance with the specified CLIN activity in the project's scope of work.

III. Completed Work

Ensure work is complete and in compliance with contract requirements. If not, what action is taken? Yes. Specified clean up activities to remove metal, wood or miscellaneous debris or have been completed at the respective sites. A walk-through with Site Supervisor or Foreman will be completed prior any USACE review.

IV. Resolve any differences.

Record Drawings Updated: N/A

Date

Corrective Action Log Updated: None

Date

V. Check Safety.

Review job conditions using EM-385-1-1 and job hazard analysis.

Job Hazard/Safety Program Reviewed for Effectiveness:

July 21, 2005

Date

Comments: No safety incidents occurred during the CLIN activities.



 Quality Control Representative

 Quality Assurance Representative

Date: 07/21/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with hazards in the camp kitchen
Level D PPE
Level C for concrete sampling
Heavy equipment operation as it related to contact with laborers
Ergonomics risk factors, i.e., repetition, ackward physical positions, and stress/vibrations
General site safety rules reviewed

Clin No: 10

Task to be accomplished:

Observations/Comments: Provided training and instruction to **Jacob Olanna Jr.** on the use of the Half face respirator: North 7700 30M with NIOSH OV/P100 filter cartridges. Training was conducted in accordance with (IAW) Appendix A and B of the Site Specific Health and Safety Plan (SSHP) dated May 2005. Training included a Qualitative Fit Test using Irritant Smoke (Stannic Chloride). The protocol outlined in the Respiratory Protection Program of Appendix B of the SSHP was used to conduct the fit test. This training was performed to assist in the collection of samples and provide as needed support to the Project Sampler Larry Pederson.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 028

Date or Time Period
Friday July 22, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 60-65

AM: High overcast, sunny to partly sunny, calm to light winds (0 to 10 MPH). PM: Sunny to partly sunny, calm to light winds (0 to 10 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total
Ensys Soil Screening	Soil		48
Initial screen sampling of soil excavations completed. Also includes additional samples from re-excavation of Sites 7E and 13E.			

Have Data Quality Objectives been achieved? Yes No N/A

Six of the 48 samples were Ensys QC method (calibration) samples.

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples
PCB in soil	EPA Method 8082		+/- 80
PCB in concrete	EPA Method 8082		10

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? (soil and concrete only) Yes No N/A

All collected soil and concrete samples (including QC duplicates and QA samples) were transported by the Environmental Sampler to BEESC's office via air and transported on to the designated laboratories (QC and QA) after their arrival in Anchorage.

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

During all soil sampling, the excavator bucket was brushed to remove loose soil, spray washed with a detergent mix, and towel dried after each sample collection event.

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. 1 BEESC personnel (Kava) and 1 medical contractor personnel (Steel) arrived on island.3. 1 BEESC personnel (Pederson) and 1 medical contractor personnel (Leslie) departed island by air charter in PM.4. Continued size reduction of scrap steel via plasma cutters and hydraulic shears.5. Continued loading of scrap steel into connexes.6. Overexcavated soil excavation site 7A one foot and collected additional screen samples.7. Removed debris along the perimeter of their roadway from AFS Ops and airport.8. Removed debris adjacent to the airport runway.9. Total personnel: 20.

Manpower On Site

Personnel	Classification	Friday	Hours	Off Island
BEESC		7-22-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	Today
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		0	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Cheryl-Ann Leslie	Medic		1 Day	Today
Ken Steel	Medic		0 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Week	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	6	6
Ford Lube/Fuel Tk	50-201	6		11	11	9		24	2.5	26.5
Ottawa Yard Goat-5 th wheel	50-320							0	1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329	4	1		7	1		50	14.5	64.5
Kenworth Tractor-5 th wheel	50-330		4	4	2	6		25	4	29
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351		6	11	2			2	0	2
Marooka MST 2200 Flatbed w/reel	50-352	9	10	11	2			26.5	1.5	28
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Week	Total
.RFR10 Log Loader (Bailey Truck)	50-426	7	5					9	0	9
Cat 980C loader w/bucket & forks	50-501	6	4	6	11			42.5	6.5	49
Cat 988B loader w/bucket & forks	50-505	4	6		8			29	26	54
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800	4	5		3			12	3.5	15.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	1		6						
Cat D8K Winch Cat	51-101	1		7	3					
Hitachi EX300LC Excavator	51-200					2		0	19.5	19.5
Hitachi EX120 Excavator	51-204	10.5	10	5	10	10		43.5	41	84.5

Materials Received to be Used on or Incorporated into Site

Miscellaneous machinery/equipment parts arrived by air charter.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	17	18
Activity: CL00804, Scrap Metal Removal		15.8 tons	5%
Activity: CL001501, Additional Soil Removal at Excavation Site 7			

Removed concrete tonnage: 63.215 (7/8)+63.38 (7/10)+15.10 (7/16)+13.97 (7/19) =155.665

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- One BEESC personnel (Kava) arrived and one BEESC personnel (Pederson) departed via air charter.
- One medical personnel (Leslie) departed and one medical personnel arrived (Steel) via air charter.
- Soil excavation site 7A was inadvertently left off yesterday's list of sites requiring additional excavation. The bottom of the site was overexcavated 1 foot and resampled. The site appeared to bottom in landfill solid waste.

Comments:

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05+	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05						

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijt
CQCSM Signature

7/23/05
Date

Robert Gabel
Site Superintendent Signature

7-23-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Morning 0700 hours Safety Tailgate Mtg commenced under high overcast conditions with light breezes turning to gusty winds by mid-day; Mostly sunny though and good working weather.

District approval granted for additional soil removal for another sample at Site 7A. Reported work also accomplished along the access road between the airstrip and the former AFS Ops Area, is believed to be the CLIN 905 - Poleline "C" debris with the removal of several metal and wood poles debris. QA photos obtained.

CQC Hank Seipt also walked a portion of the previously reported felled wooden poleline that appears to exist on the Southern side of the airstrip. It is not believed to have been nominated to the Work scope. There are approximately a half-dozen poles visible but appears that this line may have proceeded from the airstrip vicinity in the direction of the former AFS Ops area cantonment. More exploration shall be undertaken by ATV to ascertain the number of poles.

THE CQC and QAR shall establish a separate tracking of perceived changes in the scope.

QA Safety Inspections/Observations not noted in above comments:

J.A. Mills *ACB/*
QAR *24 JULY*
2009

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 1 1/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 1 1/4" steel cables. Some above grnd. And some on grnd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Date: 07/22/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with hazards in the camp kitchen
Level D PPE
Heavy equipment operation as it related entering and exiting equipment
Response to accidents and near misses
General site safety rules reviewed

Clin No: CL000804

Task to be accomplished:

Observations/Comments: Days activities were centered on the metals scrap staging area. The photographs below depict various work related tasks from plasma cutting to hydraulic shear cutting. Materials were cut into manageable sizes to facilitate stowage in cargo containers for transport to a metals recycling facility. Given a relatively small footprint to work within, multiple pieces of heavy equipment and (5) laborers coordinated a safe and very efficient evolution. All personnel assigned maintained the proper PPE for their work specific task.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 029

Date or Time Period
Saturday July 23, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 60-65

AM: High overcast, thick ground fog with sun breaks, calm winds. PM: Sunny, calm winds.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and SafetyWorker protection levels this date: Level B Level C Level D Modified Level D Was any work activity conducted within a confined space? Yes No N/A Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A Were approved decontamination procedures used on workers and equipment as required? Yes No N/A Was a Job Safety Meeting held this day? Yes No N/A Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Site orientation meeting conducted with new medic.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Continued size reduction of scrap steel with plasma cutters.3. Continued loading of scrap steel into connexes.4. Completed removal of matting NW of airport runway.5. Collected suspected ACM samples from boiler in connex 422.6. Total personnel: 20.

Manpower On Site

Personnel	Classification	Saturday	Hours	Off Island
BEESC		7-23-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	0	6
Ford Lube/Fuel Tk	50-201	6	0	11	11	9	10	47	26.5	73.5
Ottawa Yard Goat-5 th wheel	50-320							0	1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329	4	1	0	7	1	1	14	64.5	78.5
Kenworth Tractor-5 th wheel	50-330	0	4	4	2	6	0	16	29	45
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351	0	6	11	2	0	8	27	2	29
Marooka MST 2200 Flatbed w/reel	50-352	9	10	11	2	0	0	32	28	60
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426	7	5	0	0	0	0	12	9	21
Cat 980C loader w/bucket & forks	50-501	6	4	6	11	0	11	38	49	87
Cat 988B loader w/bucket & forks	50-505	4	6	0	8	0	0	18	54	72
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800	4	5	0	3	0	4	16	15.5	31.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	1	0	6	0	0	0	7	0	7
Cat D8K Winch Cat	51-101	1	0	7	3	0	0	11	0	11
Hitachi EX300LC Excavator	51-200	0	0	0	0	2	0	2	19.5	21.5
Hitachi EX120 Excavator	51-204	10.5	10	5	10	10	10	55.5	84.5	140

Materials Received to be Used on or Incorporated into Site

Miscellaneous machinery/equipment parts arrived by air charter.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	18	19
Activity: CL00804, Scrap Metal Removal		60.776 tons	21.7%
Activity: CL001501, Additional Soil Removal at Excavation Site 7			
Activity: CL000908, Removal of Matting NW of Airport Runway			95%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Complete CLIN Activity CL000908.

Summary of Materials Removed as of Week Ending July 23, 2005:

Concrete

Date Weighed	Tonnage	Location
July 8	63.215	Bldg 1001 MEC
July 10	63.38	Bldg 1001 MEC, Bldg 108 & Bldg 109
July 16	15.10	Bldg 110
July 19	13.97	Bldg 110
Total	155.655	

Soil

Date Weighed	Tonnage	Location
July 14	30.53	Bldg 1001 MEC (Site 31)
July 15	33.415	Bldg 1001 MEC
July 16	47.035	Bldg 110 (Site 14)
July 18	49.08	Bldg 110 and Bldg 98 (Site 14)
July 21	11.63	Bldg 110 and Site 7 (includes CLIN 15 additional soil excavation at Site 7E and Site 13E)
July 22	16.98	Bldg 110 and Site 7 (includes CLIN 15 additional soil excavation at Site 7A)
Total	188.67	

Scrap Steel from AFS Ops Area

Date Weighed	Tonnage	CLIN Activity
July 14	15.841	804 (CAT)
July 16	12.125	804
July 19	22.04	804
July 21	10.77	804 (Boiler)/Asbestos Containing Material
Total	60.776	

Comments: None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05+	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

7/25/05
Date

Rollin Gold
Site Superintendent Signature

7-25-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

Standard concerns covered at the 0700 hours Safety Tailgate Mtg. Crew had a good working weather day beneath moderate temp's breezes and broken clouds throughout the day.

As reported, more steel cut-up at the steel debris staging area; asbestos discovered within one of the tanks that turned out to be a boiler – samples obtained. This asbestos is not friable and is essentially contained within the the boiler which is housed in a connex. It is surmised that rather than have an asbestos crew mob' to the island, boiler could be transported as-is to Anchorage where it could be abated in Anchorage. Marston matting debris retrievals completed off the NW side of the runway (CLIN 908). QA photos obtained.

QA Safety Inspections/Observations not noted in above comments:

J.A. Mills *ALB/* *24 JULY*
QAR *'05*

QAR Signature Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grnd. And some on grnd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15' dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Date: 07/23/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls
Level D PPE
Heavy equipment operation as it related entering and exiting equipment
Hotter weather and personal hydration
End of week---stay focused on work at hand
General site safety rules reviewed

Clin No: CL000908-9

Task to be accomplished: Remove Marston matting, approximately 500 pieces, 100 yds NW of northern end of the airstrip.

Observations/Comments: The removal process was accomplished utilizing an excavator and Morooka for the transportation of debris from the work area. Operators Bill Thornton and Olaf Matson were assigned to the excavator and Morooka respectively. Use of the tracked vehicles within the operating area of the airstrip was limited. Special consideration was given to airfield operations and work assigned was scheduled accordingly. Airstrip operations are not limited to scheduled flights only, positive communication between the Site Superintendent and Operators was maintained. PPE assigned was Level D with the addition of a reflective vest. Work performance consistent with guidance outlined in the Work and Demolition Plan and Site Specific Health and Safety Plan.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 030

Date or Time Period
Sunday July 24, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low:

Temp High:

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory:
 Initial:
 Follow-up:
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (if YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Site orientation meeting conducted with new medic.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC crew day off.2. Total personnel: 20.

Manpower On Site

Personnel	Classification	Sunday	Hours	Off Island
BEESC		7-24-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent			
Hank Seipt	CQCSM			
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO			
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman			
Kim Leach	Driver/Operator			
Bill Thorton	Operator			
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic			
Troy Whitmore	Oiler/Mechanic			
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer			
Sam Mokiuyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Sylvia Toolie	Office Staff			
Jacob Olanna	Laborer			
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	0	6
Ford Lube/Fuel Tk	50-201							47	26.5	73.5
Ottawa Yard Goat-5 th wheel	50-320							0	1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329							14	64.5	78.5
Kenworth Tractor-5 th wheel	50-330							16	29	45
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351							27	2	29
Marooka MST 2200 Flatbed w/reel	50-352							32	28	60
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-18	T-19	W-20	TH-21	F-22	S-23	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426							12	9	21
Cat 980C loader w/bucket & forks	50-501							38	49	87
Cat 988B loader w/bucket & forks	50-505							18	54	72
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800							16	15.5	31.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100							7	0	7
Cat D8K Winch Cat	51-101							11	0	11
Hitachi EX300LC Excavator	51-200							2	19.5	21.5
Hitachi EX120 Excavator	51-204							55.5	84.5	140

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	19	20
Activity: CL00804, Scrap Metal Removal		60.776 tons	21.7%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

Summary of Materials Removed as of Week Ending July 23, 2005:

Concrete

Date Weighed	Tonnage	Location
July 8	63.215	Bldg 1001 MEC
July 10	63.38	Bldg 1001 MEC, Bldg 108 & Bldg 109
July 16	15.10	Bldg 110
July 19	13.97	Bldg 110
Total	155.655	

Soil

Date Weighed	Tonnage	Location
July 14	30.53	Bldg 1001 MEC (Site 31)
July 15	33.415	Bldg 1001 MEC
July 16	47.035	Bldg 110 (Site 14)
July 18	49.08	Bldg 110 and Bldg 98 (Site 14)
July 21	11.63	Bldg 110 and Site 7 (includes CLIN 15 additional soil excavation at Site 7E and Site 13E)
July 22	16.98	Bldg 110 and Site 7 (includes CLIN 15 additional soil excavation at Site 7A)
Total	188.67	

Scrap Steel from AFS Ops Area

Date Weighed	Tonnage	CLIN Activity
July 14	15.841	804 (CAT)
July 16	12.125	804
July 19	22.04	804
July 21	10.77	804 (Boiler)/Asbestos Containing Material
Total	60.776	

Comments: None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05+	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

7/25/05
Date

[Signature]
Site Superintendent Signature

7-25-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Crew was "off" today. QAR was involved in catch-up in massive computer backlog of work.

QA Safety Inspections/Observations not noted in above comments:

O.A. Mills *AGE/QAR* *26 JULY*
'05

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 1 1/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 1 1/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris (mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 031

Date or Time Period
Monday July 25, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 50-55

Temp High: 60-65

AM: High scattered clouds, sunny, calm winds.

PM: Sunny, calm to light winds (< 10 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: Yes. Demolish Tram and Water Line
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Initiated removal of cables and wires along the tram line.3. Removed Tower #1 and hauled it to a dismantling area near the location of the former lower tram building.4. Continued scrap steel plasma cutting and locating of steel into connexes.5. Total personnel: 20.

Manpower On Site

Personnel	Classification	Monday	Hours	Off Island
BEESC				
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy TrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								0	6
Ford Lube/Fuel Tk	50-201	11							26.5	73.5
Ottawa Yard Goat-5 th wheel	50-320								1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329								64.5	78.5
Kenworth Tractor-5 th wheel	50-330	5							29	45
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351	4							2	29
Marooka MST 2200 Flatbed w/reel	50-352								28	60
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								9	21
Cat 980C loader w/bucket & forks	50-501	7							49	87
Cat 988B loader w/bucket & forks	50-505	1							54	72
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800								15.5	31.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100								0	7
Cat D8K Winch Cat	51-101	5							0	11
Hitachi EX300LC Excavator	51-200								19.5	21.5
Hitachi EX120 Excavator	51-204	10							84.5	140

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	20	21
Activity: CL000804, Scrap Metal Removal		118.04 tons	47.22%
Activity: CL000601, Demolition of Tower #1	50%		50%
Activity: CL000503, 2-Inch Wire Removal	25%		25%
Activity: CL000508, Wire Bundle (3 Wires) Removal	25%		25%
Activity: CL000510, Wire Bundle (3 Wires) Removal	25%		25%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Approximately 1,000 feet of cable and wire was removed per each CLIN activity.
- Weighed additional scrap metal generated from the AFS Ops Area.

Comments: None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05+	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Itay M. Seif
CQCSM Signature

7/20/05
Date

Rollie Ghel
Site Superintendent Signature

7-20-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A

Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

The 0700 hours Safety Tailgate Mtg is held under overcast skies with moderate fog, temperatures and light breezes. Crew was applied to the tasks as stated throughout the day. Today marked the first day a group was applied to the base-cutting, drag-transport by dozer, for the ultimate removal of a tram tower.

In the morning, the QAR observed the tram crew applied to the Lower Tram area where cable was drawn off of the lower mountain and coiled, and just after lunch, the first or lowest tram tower was finally pulled down the mountain. More scrap steel cut-up for disposable. QA photos obtained.

Visitors were expected from the island towns of Gambell and Savoonga for a project site progress tour at 1230 hours today but the weather reports revealed that Gambell was experiencing rain and Savoonga, fog. Therefore, due to a weather delay, this trip was re-scheduled for tomorrow Tuesday, 26 July, at 1230 hours.

Safety observed throughout.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ACE/QAR* *28 JULY*
2005

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

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CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 1/2" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 1/2" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Date: 07/25/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with work in the tundra
Level D PPE
Insect hazard with increase of hot, dry and calm weather conditions
Dry conditions and the possible increase of fire hazard as a result of cutting operations
Heavy equipment operation and interaction with laborers
Hydrate frequently during hot weather
General site safety rules reviewed

Clin No: CL000601-6

Task to be accomplished: Remove Tram Tower #1. Painted, Steel and Anchored to concrete pad.

Observations/Comments: The operation commenced with the removal of (3) cables adjacent to tram tower #1. Cables extended in a northeast to southwest direction, respective to tram tower #1 and 7. Cables were attached utilizing a wire choker and winch hook of a bull dozier. The line of pull was established and cable slack was removed from the system to verify areas of possible tension/attachment points further up mountain. . A safety spotter with radio was placed above and parallel to the intended line of pull (opposite the bight). A slow pull commenced. Approximately 1200 ft of cable was removed during this operation. During field activity 2003 tram tower #1 had moved from a vertical attitude to that pictured below. The tower required the removal of multiple hard points: (2) cable connections and points where the tower legs entered concrete pads on the upper mountain side. After completion of the cutting operations the bull dozier pushed the remains down towards the lower tram area. The tower will be dismantled utilizing the excavator with a hydraulic shears attachment.

**NE CAPE TRAM & DEBRIS REMOVAL
TELECON AGENDA
0900 hr July 26, 2005**

Reminder: Conference call-in number: 1 (800) 315-6338, Access code: 25037#

1. Progress to date
 - a. Work Items Summary
 - b. Health and safety issues
 - c. Waste transport/disposal issues
2. Work for upcoming week
3. Potential additional items
 - a. Waste items – boiler w/potential ACM issues
 - b. PCB-contaminated soil
4. Schedule update
 - a. Projected completion date
5. Other issues
6. Progress Invoice 02 and 03

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 032

Date or Time Period
Tuesday July 26, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 60-65

AM: Thick ground fog, calm winds.

PM: Sunny, calm to light winds (< 10 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

- Have QA and QC samples been collected in the specified quantity? Yes No N/A
- Have samples been properly labeled and packaged? Yes No N/A
- Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
- Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Moved filled connexes from staging location in AFS Ops Area to Cargo Beach.3. Removed miscellaneous debris east and north of AFS Ops Area.4. Removed tanks from tundra north of AFS Ops Area.5. Total personnel: 20.

Manpower On Site

Personnel	Classification	Tuesday	Hours	Off Island
BEESC				
Steve Johnson	Project Manager	7-26-05		
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								0	6
Ford Lube/Fuel Tk	50-201	11							26.5	73.5
Ottawa Yard Goat-5 th wheel	50-320		9						1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329		10						64.5	78.5
Kenworth Tractor-5 th wheel	50-330	5	10						29	45
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351	4	10						2	29
Marooka MST 2200 Flatbed w/reel	50-352		11						28	60
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415									

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								9	21
Cat 980C loader w/bucket & forks	50-501	7	2						49	87
Cat 988B loader w/bucket & forks	50-505	1	11						54	72
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800								15.5	31.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100								0	7
Cat D8K Winch Cat	51-101	5							0	11
Hitachi EX300LC Excavator	51-200								19.5	21.5
Hitachi EX120 Excavator	51-204	10							84.5	140

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	21	22
Activity: CL000804, Scrap Metal Removal		118.04 tons	47.22%
Activity: CL000601, Demolition of Tower #1	0%	50%	50%
Activity: CL000503, 2-Inch Wire Removal	0%	25%	25%
Activity: CL000508, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000510, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000901, Remove steel tanks located in tundra			95%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Completed CLIN activity CL000901.
- Weekly USACE/BEESC telecommunication meeting conducted.

Comments: None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05+	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000901	7/26/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Area received an early morning rain shower (0300 – 0600 hours); Residual humidity created an enduring heavy morning fog. With no breezes, this heavy fog condition lasted through mid-day. Morning 0700 hours Safety Tailgate covered standard field concerns especially for poor visibility & slickened conditions. As described, visibility improved in the afternoon; that work conducted under high haze, light breezes, broken clouds and drying conditions. Although not reported, the weekly tele-conference was also conducted from the BEESC island office at 0900 hours and updates given to District and NAO personnel.

The anticipated local Gambell and Savoonga towns' visitors arrival slated for 1230 hours, was cancelled for the second consecutive day – this time until Thursday, 28 July due to the ambient problematic weather conditions. The crew would not work the mountain today due to the fog and poor visibility; A photo was obtained of the field crew on a Marooka with crane recovering more AFS Ops area debris.

Despite poor visibility, good progress. Two tanks retrieved from tundra situated North of the AFS Ops area (CLIN 902) completed. Safety observed throughout.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ACE* *28 JULY*
QAR *'05*

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above grnd. And some on grnd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3' to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	

Date: 07/26/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with steep slopes and loose wet rock
Level D PPE
Heavy equipment operation and interaction with laborers in steep terrain
Hazards of cables and wires under tension
General site safety rules reviewed

Clin No: CL000909-9

Task to be accomplished: Remove debris along exposed landfill face. Exposed face is over 300' long and 3-5' high. Location is 500' north of AFS Ops.

Observations/Comments: The collection of debris encompassed the immediate areas north and east of AFS Ops. Work accomplished included the hand removal of empty drums, construction debris, roofing materials and wooden poles. Heavy/awkward lifts were performed by the extension arm attached to the trailer assembly of the Morooka. PPE level D was observed for all work conditions. The addition of chaps and face shield were required for chainsaw operations. Caution was exercised during the lifting of overhead loads. Debris collected was weighed and staged for further disposition. Wood (untreated) will be burned on-site. The remaining materials will be containerized for transport off-island.

WEEKLY MEETING

JULY 26, 2005

09:00-09:30

NE Cape: R. Goebel, H. Seipt, T. Peterson, and S. Mills

BEESC Anchorage: S. Johnson, and C. Croley

USACE: P. Schneider, S. Kimball, G. Osgood, C. Cossaboom and L. Geist

BEESC AGENDA

1. Progress for the Week

A. R. Goebel

Debris Removal N of AFS Ops Area

Debris Removal Around the Airport Runway and CL000908

Initial Tram Line Work (Tower #1 and Cable/Wire Removal)

Estimate field work 45% completed. Estimate finish sometime between

8/19-26

B. S. Johnson

Soil and concrete samples sent into lab. Expect results back by this Friday. Additional samples sent in to compare with Ensys screen results.

2. Week's Upcoming Work

A. Off-island removal of 42-44 connexes anticipated for August 1 or August 2.

B. Waste profiles and manifests to be completed this week.

C. Calm days expect to do Upper Mountain work (tram line and debris fields), bad weather days anticipate Lower Mountain work (scrap steel) plasma cutting, debris removal, connex loading, and cable pick up)

3. Potential Additional Items

A. Boiler/ACM issue

Samples collected and will be sent in to confirm presence of asbestos minerals. S. Johnson stated preliminary inquiry with Waste Management indicated boiler could be taken as non-friable ACM if boiler opening sealed prior to shipping.

B. St. Lawrence Island Visitors (scheduled for today, if not, later this week depending on weather conditions)

4. Invoicing

A. S. Johnson stated he has sent in of Progress Billing Invoices 2 and 3.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 033

Date or Time Period
Wednesday July 27, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 55-60

AM: Thick ground fog, calm winds.

PM: High cloud cover, calm winds.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D
Was any work activity conducted within a confined space? Yes No N/A
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A
Were approved decontamination procedures used on workers and equipment as required? Yes No N/A
Was a Job Safety Meeting held this day? Yes No N/A
Were there any "Lost Time" accidents this day? (if YES, attach copy of completed accident report) Yes No N/A
Was hazardous waste/materials released into the environment? Yes No N/A
Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Completed barrel removal from Upper Mountain.3. Completed removal of transformer pad on Upper Mountain.4. Initiated clean up of Debris Field #1 on the Upper Mountain.5. Completed removal of Line Support Tower #11.6. Initiated removal of Line Support Towers #1, #2, and #10.7. Total personnel: 20.

BEESC/USACE 2PM Meeting (Seipt & Goebel)/Mills

Topics

1. BEESC believes a wood pole line running from the former Airport Terminal approximately 3000 feet SE towards AFS Ops area is Pole Group C (CLIN Activity CL000905). No metal poles (as delineated in the item description) are associated with the pole line. The length (approximately 20 feet) and distance between poles (100 feet) appears to be accurately described. One major inconsistency is the estimated weight of two tons. The weight of the wood poles will be substantially greater than the estimated tonnage provided by the USACE.

2. BEESC asked for clarification on where the 50 tons of debris should be removed at the Site 7 landfill. Debris is visible along the landfill perimeter on both the east and west sides of Cargo Beach Road. As the tonnage to be removed is small in comparison to the material present, BEESC requests guidance from the USACE on the priority of the debris type and/or areas which the USACE desires to be removed and/or cleaned up.

3. BEESC informed the USACE of the presence of an apparent former landfill east of BEESC's connex staging area northeast of the AFS Ops area. Miscellaneous debris (mostly metal) outcrops along the perimeter of the former landfill. BEESC intends to remove scatted debris (wood poles, windblown construction materials, steel drums, a skeet range, etc.) east of the Airport-AFS Ops road, but will not remove debris associated with the landfill.

Manpower On Site

Personnel	Classification	Wednesday	Hours	Off Island
BEESC		7-27-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								0	6
Ford Lube/Fuel Tk	50-201	11		11					26.5	73.5
Ottawa Yard Goat-5 th wheel	50-320		9						1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329		10						64.5	78.5
Kenworth Tractor-5 th wheel	50-330	5	10						29	45
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351	4	10	5					2	29
Marooka MST 2200 Flatbed w/reel	50-352		11	9.5					28	60
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415			8						

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								9	21
Cat 980C loader w/bucket & forks	50-501	7	2						49	87
Cat 988B loader w/bucket & forks	50-505	1	11						54	72
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800								15.5	31.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100								0	7
Cat D8K Winch Cat	51-101	5							0	11
Hitachi EX300LC Excavator	51-200								19.5	21.5
Hitachi EX120 Excavator	51-204	10		10					84.5	140

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	22	23
Activity: CL000804, Scrap Metal Removal		118.04 tons	47.22%
Activity: CL000601, Demolition of Tower #1	0%	50%	50%
Activity: CL000503, 2-Inch Wire Removal	0%	25%	25%
Activity: CL000508, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000510, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000608, Line Support Tower #1			50%
Activity: CL000609, Line Support Tower #2			50%
Activity: CL000617, Line Support Tower #10			50%
Activity: CL000618, Line Support Tower #11			95%
Activity: CL000702, Clean up of Debris Field #2			5%
Activity: CL001604, Transformer Pad CTP-3 (Upper Mountain)			95%
Activity: CL000701, Drum Removal from Upper Mountain			95%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Completed CLIN Activities CL000618, CL000701, and CL001604.

Comments: None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL001604	7/27/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seigt
CQCSM Signature

7/28/05
Date

Rollin Stahl
Site Superintendent Signature

7-28-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

The 0700 hours Tailgate Safety Mtg is conducted under ambient heavy fog conditions that lifted from the general area around mid-day. Standard issues were covered in the mtg; Prep' field work for the second Tram Tower was slated for today.

This prep' work would involve most of the working day in slope grading the lower mountain, and select precision-cutting of the tower frame base with those associated un-necessary cables. The tower could not be taken down today, but was prepared for the next weather-accessible day when subsequent demo' and transport off the slope could occur. Those cables in tension that were left in-place overnight were those identified to hold the tower in-place and will later be used during the tower takedown in maintaining stability and control of the frame.

A few tramline support towers were also partially demo'ed (Support towers No. 1, 2, & 10 at 50% demo', with No. 11 completely demo'ed and removed to the mountain base staging area). Marookas were also used today in upper mountain access for the removal of drums and a concrete transformer pad (CTP) -03 pad breakup and transport down the mountain (CLIN's No. 701 & 1604 completed).

A 1400 hours conference was held among the BEESC site personnel CQC Hank Seipt, Site Supt Rollie Goebel, and the QAR. It was determined the previously referenced Pole line "C" anomaly, originally discovered and reported in prior Daily Reports (Daily No. 20, Thurs., 14 July; & No. 28, Fri., 22 July), as being Work Plan/ CLIN - defined as steel poles, is an error. It was mutually agreed that the Pole line "C" as depicted within the plan view map of the area is accurate, but those poles are actually wood timbers, not steel as described in the CLIN list. It appears that a conjunction of the two lines had been created in the Contractor 2003 record.

The steel poles reference a pole line that also commences near the access road bridge adjacent to the airstrip staging area, but parallels the access road for a couple of hundred yards in an Easterly, then a couple of hundred yards SouthEasterly direction towards the AFS Ops area. This pole line was inadvertently omitted from the 2003 Contractor estimate, and therefore the steel poles tonnage weight incorrectly transposed to the assumed Pole line "C". As reported, the timber poles should weigh more than the 2-ton dedication for the steel pole line, and the steel line will present all new weights for payment consideration.

It was agreed that a continued tracking of the debris over-ages with under-ages would be maintained by the Contractor, and potential changes posted separately in a list within the Daily Reports

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 1 1/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 1 1/4" steel cables. Some above grd. And some on grd. Surface.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000604-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000605-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Tram Tower. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000612-6	Tower. 3 tower posts. Painted Anchored to concrete.	NE Cape	BEESC	
CL000613-6	Tower. Multiple tower posts. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000614-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000615-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000616-6	Tower. Multiple tower posts. Painted. Anchored to concrete	NE Cape	BEESC	
CL000617-6	Tower. One tower post. Painted. Anchored to concrete.	NE Cape	BEESC	
CL000618-6	Tower. One tower post. Painted. Anchored to concrete	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, approx. 500 pieces, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 07/27/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with steep slopes, uneven wet surfaces
Level D PPE
Heavy equipment operation---use of a spotter, operation in steep terrain and 3-point contact when entering and exiting equipment
Review of AHA #1 with crew
General site safety rules reviewed

Clin No: CL000608-6

Task to be accomplished: Remove line support tower #1

Observations/Comments: Operations were conducted on line support tower #1. Team consisted of Kim Leach (SS) and (4) laborers. Access to the site was accomplished on ATV's. Cable lines were accessed to potential tension hazards and tower fall direction was determined. Level D PPE was worn by all assigned. Utilizing disc chop saws each laborer took his turn at the tower. After approximately 1 hour the tower had reached the ground, producing approximately 4-5" of tower remains above ground surface. Internal depth of tower column was 6-7'. The particular tower wasn't encased in a concrete pad. The void of the column as well as the above ground tower remains will be filled and covered.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 034

Date or Time Period
Thursday July 28, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM: Low cloud cover, calm winds.

PM: High overcast, calm winds

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Removed Tram Tower #2.3. Continued loading scrap steel into connexes.4. Continued plasma cutting scrap steel.5. Total personnel: 20.

Manpower On Site

Personnel	Classification	Thursday	Hours	Off Island
BEESC		7-28-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								0	6
Ford Lube/Fuel Tk	50-201	11		11	1				26.5	73.5
Ottawa Yard Goat-5 th wheel	50-320		9						1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329		10						64.5	78.5
Kenworth Tractor-5 th wheel	50-330	5	10						29	45
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351	4	10	5					2	29
Marooka MST 2200 Flatbed w/reel	50-352		11	9.5					28	60
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415			8						

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								9	21
Cat 980C loader w/bucket & forks	50-501	7	2		6				49	87
Cat 988B loader w/bucket & forks	50-505	1	11		3				54	72
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800				2				15.5	31.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100				5				0	7
Cat D8K Winch Cat	51-101	5							0	11
Hitachi EX300LC Excavator	51-200				10				19.5	21.5
Hitachi EX120 Excavator	51-204	10		10					84.5	140

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	23	24
Activity: CL000804, Scrap Metal Removal		118.04 tons	47.22%
Activity: CL000601, Demolition of Tower #1	0%	50%	50%
Activity: CL000602, Demolition of Tower #2			50%
Activity: CL000503, 2-Inch Wire Removal	0%	25%	25%
Activity: CL000508, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000510, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000608, Tram Support Tower #1			50%
Activity: CL000609, Tram Support Tower #2			50%
Activity: CL000617, Tram Support Tower #10			50%
Activity: CL000702, Clean up of Debris Field #2	0%	5%	5%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- None

Comments:

- None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05						

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijt
CQCSM Signature

7/29/05
Date

Robert Goebel
Site Superintendent Signature

7-29-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

Late evening light precipitation once again helps to keep the travel corridor dust down for the next day. The 0700 hours Safety Tailgate was held under high overcast skies with light breezes. Fog not as thick as yesterday and lifts through the morning but typically continues to cling to the mtn.

Through the first half of the day, crew is applied to the mountain and by 1430 hours, the second Tram Tower is removed from the slope to the mtn base staging area; remainder of the day is applied to steel debris cutting and connex packaging. The tram demo' followed the plan and the tower was dropped and dragged away as intended. Crew maintained safe working practices as requested by the Site Supt & SSHO.

Today's was a nice effort which shall serve as good practice for the remaining towers. The remaining Tram and the affiliated support towers shall certainly be more challenging due to their locations. Note that the demo' of both Tram Towers No. 1 & 2 are currently estimated as 50% accomplished for billing tracking (These towers are currently positioned at the mtn base staging area. Like the collected Ops Area debris, same will be considered 95% completed when they are cut-up and packaged into connexes, readied for off-island transport. When that off-island transport delivery occurs, the remainder 5% shall be billed for.)

The planned visit by island regional resident members of Gambell and Savoonga was once again cancelled today due to inclement weather on the West side of this island. It is reported that the island rep's may not be available for another attempt at a NE Cape visit/ tour, for another week – possibly next Thursday. QA photos obtained.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ALE/QR* *30 JULY*

QAR Signature Date Supervisor's Initials Dat

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 1 1/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 1 1/4" steel cables. Some above and on grd.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000616-6	Line Support Tower #9. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000617-6	Line Support Tower #10. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000618-6	Line Support Tower #11. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 1/2" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 1/2" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 07/28/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with steep slopes, unstable rock talus surface
Level D PPE
Heavy equipment operation on steep side hills and when filling upright
connexes
Upper Mountain roadway conditions---use caution especially be on the
lookout for rocks on roadway and landslides
Puncture hazards (nails, rebar, embedded jagged metal)
Review of AHA #1 with crew
General site safety rules reviewed

Clin No: CL000602-6

Task to be accomplished: Removal and staging of tram tower #2

Observations/Comments: Departed the lower tram area on foot for tower #2. Upon arrival the foreman briefed support personnel on the work to be accomplished and the sequence of events to be followed. Overhead cables, lines of pull and fall directions were discussed prior to any cutting operations. Tower stanchions were scored where contact was made with the concrete pads. Cables used to support the tower were attached to the bull dozer. A tow outside of the fall radius was established. With all personnel clear of the area the tow commenced. Once tension was applied to the tow line the tower fell. The laborers removed/cleared the (4) tower support cables and the tow continued towards the lower tram area. PPE for the specific task to be accomplished was followed by all assigned. Tower #2 is currently staged in the lower tram area awaiting disassembly and containerization for off island transport.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 035

Date or Time Period
Friday July 29, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 55-60

AM: Partly cloudy, sun breaks, calm to light winds (<10 MPH). PM: Partly cloudy, sun breaks, light winds (+/- 10 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Completed removal of Tram Tower #1 and Tram Tower #2.3. Moved filled connexes to Cargo Beach loading area.4. Continued loading scrap steel into connexes.5. Continued plasma cutting scrap steel.6. Continued clean up of Debris Field #2 on the Upper Mountain.7. Total personnel: 20.

Manpower On Site

Personnel	Classification	Friday	Hours	Off Island
BEESC		7-29-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
USACE				
Sam Mills	QAR		1 Day	

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								9	21
Cat 980C loader w/bucket & forks	50-501	7	2		6	11			49	87
Cat 988B loader w/bucket & forks	50-505	1	11		3	3			54	72
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800				5	5			15.5	31.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100				5				0	7
Cat D8K Winch Cat	51-101	5							0	11
Hitachi EX300LC Excavator	51-200				10	10			19.5	21.5
Hitachi EX120 Excavator	51-204	10		10		4			84.5	140

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	24	25
Activity: CL000804, Scrap Metal Removal		118.04 tons	47.22%
Activity: CL000601, Demolition of Tower #1	45%	50%	95%
Activity: CL000602, Demolition of Tower #2	45%	50%	95%
Activity: CL000503, 2-Inch Wire Removal	0%	25%	25%
Activity: CL000508, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000510, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000608, Tram Support Tower #1	0%	50%	50%
Activity: CL000609, Tram Support Tower #2	0%	50%	50%
Activity: CL000617, Tram Support Tower #10	0%	50%	50%
Activity: CL000702, Clean up of Debris Field #2	5%	5%	10%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Completed CLIN Activities CL000601 and CL000602.

Comments:

- None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602.	7/29/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Scept
CQCSM Signature

7/30/05
Date

Rolles Godol
Site Superintendent Signature

7-30-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

Standard concerns covered at the 0700 hours morning Safety Tailgate Mtg. High overcast conditions with light winds and moderate temp's provided good working weather conditions, all day. As reported, crews applied to the Upper mtn in debris clean-up with Marookas; Lower mtn in Tram Towers 1 & 2 cutting and connex installment for weighing and transport prep'; Gathering of wood debris for Fire pit staging; and steel debris cutting prep' for transport. The demo' & packaging of Tram Towers No's 1 & 2 (CLIN's 601 & 602) completed to 95% today.

It should be noted that the State DOT rep' for the Office of Weights & Measures, who has the responsibility of calibrating the truck scale in confirmation, is not yet available. Until an officer can arrive however, the Contractor has isolated known small and large weights in calibration for the QAR, and it would appear the scale is working accurately within 20 lbs.

As reported, Lots of QA photos of yesterday's 2'nd Tram Tower takedown transferred to the PDT today. More QA photos obtained today. Safety observed throughout.

QA Safety Inspections/Observations not noted in above comments:

J.A. Mills *ALBE/QAR* *31 JUL*

QAR Signature Date Supervisor's Initials Date

Equipment On Site

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy TrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								0	6
Ford Lube/Fuel Tk	50-201	11		11	1	1			26.5	73.5
Ottawa Yard Goat-5 th wheel	50-320		9						1	1
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329		10			3			64.5	78.5
Kenworth Tractor-5 th wheel	50-330	5	10						29	45
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351	4	10	5					2	29
Marooka MST 2200 Flatbed w/reel	50-352		11	9.5	4				28	60
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415			8						

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above and on grd.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000616-6	Line Support Tower #9. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000617-6	Line Support Tower #10. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000618-6	Line Support Tower #11. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 07/29/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with steep slopes, unstable rock talus surface
Level D PPE
Heavy equipment operation associated with loading and unloading connexes
Pinch points on track hoes
Physical handling of debris
General site safety rules reviewed

Clin No: 000601/000602

Task to be accomplished: The cutting and stowing of towers #1/2.

Observations/Comments: Towers 1 and 2 arrived at the lower tram staging area on 07252005 and 07282005 respectively. The excavator with the hydraulic shear attachment removed sections of the tower for placement in the cargo container. The container was positioned in a vertical attitude to facilitate loading. Upon completion of loading process an operator working aloft secured the cargo container door. Overhead work was completed utilizing a forklift to maintain station and safety harness for fall protection. PPE level D was appropriate and maintained by all assigned. The container was transported to the beach waiting off island transport to metals recycle facility.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 036

Date or Time Period
Saturday July 30, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 55-60

AM: Dense fog, calm winds.

PM: High overcast, sun breaks, light to moderate winds (10-20 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: Yes.
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Cut leg supports on Tram Towers #3, #4, #5 and #6 in preparation for felling towers.3. Moved filled connexes to Cargo Beach loading area.4. Continued loading scrap steel into connexes.5. Continued plasma cutting scrap steel.6. Recalibrated weigh scale.7. Total personnel: 20.

Manpower On Site

Personnel	Classification	Saturday	Hours	Off Island
BEESC		7-30-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	6	6
Ford Lube/Fuel Tk	50-201	11		11	1	1		24	73.5	97.5
Ottawa Yard Goat-5 th wheel	50-320		9					9	1	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329		10			3	5	18	78.5	96.5
Kenworth Tractor-5 th wheel	50-330	5	10				5	20	45	65
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351	4	10	5				19	29	48
Marooka MST 2200 Flatbed w/reel	50-352		11	9.5	4			24.5	60	84.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415			8				8	0	8

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426							0	21	21
Cat 980C loader w/bucket & forks	50-501	7	2		6	11	8.5	34.5	87	121.5
Cat 988B loader w/bucket & forks	50-505	1	11		3	3	8	26	72	98
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800				5	5		10	31.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100				5			5	7	12
Cat D8K Winch Cat	51-101	5					4	9	11	20
Hitachi EX300LC Excavator	51-200				10	10		20	21.5	41.5
Hitachi EX120 Excavator	51-204	10		10		4		24	140	164

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	26	27
Activity: CL000804, Scrap Metal Removal	14.095	118.04 tons	52.85% (132.135)
Activity: CL000503, 2-Inch Wire Removal	0%	25%	25%
Activity: CL000508, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000510, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000608, Tram Support Tower #1	0%	50%	50%
Activity: CL000609, Tram Support Tower #2	0%	50%	50%
Activity: CL000617, Tram Support Tower #10	0%	50%	50%
Activity: CL000702, Clean up of Debris Field #2	0%	10%	10%
Activity: CL000603, Tram Tower #3			25%
Activity: CL000603, Tram Tower #4			25%
Activity: CL000603, Tram Tower #5			25%
Activity: CL000603, Tram Tower #6			25%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Received partial analytical (PCB) results of soil from Sites 31 (Bldg 1001 MEC), 14 (Bldg 98), and 7 (Landfill), asbestos results from a steam boiler found in at AFS Ops Area, and partial analytical results (PCB) of excavated soil for off site disposal.

Summary of Materials Removed as of July 29, 2005:

CLINs 14 and 15 (Soil Removal)

Date Weighed	Tonnage	Location
July 14	30.53	Bldg 1001 MEC (Site 31)
July 15	33.415	Bldg 1001 MEC
July 16	47.035	Bldg 110 (Site 14)
July 18	49.08	Bldg 110 and Bldg 98 (Site 14)
July 21	11.63	Bldg 110 and Site 7 (includes CLIN 15 additional soil excavation at Site 7E and Site 13E)
July 22	16.98	Bldg 110 and Site 7 (includes CLIN 15 additional soil excavation at Site 7A)
Total	188.67	

CLINs 10 and 16 (Concrete Removal)

Date Weighed	Tonnage	Location
July 8	62.595	Bldg 1001 MEC
July 10	63.38	Bldg 1001 MEC, Bldg 108 & Bldg 109
July 16	15.10	Bldg 110
July 19	13.97	Bldg 110
Total	155.045	

CLIN 8

Date Weighed	Tonnage	CLIN Activity
July 14	15.841	804 (CAT)
July 16	12.125	804
July 19	22.04	804
July 21	10.77	804 (Boiler)/Asbestos Containing Material
July 25	57.262	804
July 29	14.095	804
Sub Total	132.122	Scrap Metal AFS Ops Area
July 14	27.76	806
Sub Total	27.76	Cummins Engines
Total CLIN Tonnage	159.882	

CLIN 9

Date Weighed	Tonnage	CLIN Activity
7/21	12.64	911 & 913
Sub Total	12.64	Armored Cable AFS Ops Area
7/29	5.113	909
Sub Total	5.113	Debris from Landfill face AFS Ops Area
Total CLIN Tonnage	17.753	

Comments:

- None
-

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed	Activity	Date Completed	Activity	Date Completed	Activity	Date Completed
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602.	7/29/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Siefert
CQCSM Signature

8/1/05
Date

Rollie Spelber
Site Superintendent Signature

8-1-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

The 0700 hours morning Safety Tailgate Mtg was held beneath overcast skies that persisted through most of the day. Mountain slope awareness concerns iterated. A heavy morning fog lifted from most of the lower bowl about mid-day, but on mtn-top, the moderate breezes cleared the fog away earlier.

It should be noted; When the tramline and bowl is viewed from varying vicinity points such as the airstrip or the mtn-slope opposite the tramline slope, it becomes apparent fog tends to oscillate in location and thickness apparently dependent upon ambient overhead clouds, humidity, offshore winds, and inversion factors.

The Tram towers are numbered 1 thru 7 commencing at the bottom of the slope. Towers no. 1 & 2 were demo'ed and removed from the slope earlier in the week. Access to these 2 lower towers was accommodated by ATV with the metal-cutting saws strapped to the ATV's. As with the two previous towers, gas-powered rotary saws with metal-cutting blades were used to cut through selected cables and frame steel.

Today, the crew was going to work with the good weather in prep'ing the frame foundation bases of the upper tramline in reportedly cutting Tram towers no's. 3 thru 6 . A party was directed to slowly walk a specific corridor down the slope, hand carrying the saws, to these mid-slope to upper-slope towers. This was the QAR's first trip to the top-of-the-mtn, which occurred in late afternoon and was accomplished in the QA 4-wheel drive SUV (Chevrolet Trailblazer). This is not a full-size SUV so the ground clearance is less than that of a full-size vehicle. This SUV made the trip but the QAR would not try the same ascent on wetted surfaces; nor is the clearance absolute in several sections of the corridor. Where clearance is marginal, the driver must proceed as slowly as possible to inhibit undercarriage damage.

Once atop the upper-slope, QAR assumed a high elevation point to attempt to view the crew situated much further down the slope at Tram tower 3 and/ or 4. Due to the rolling undulation of the terrain from this vantage, although they are faintly heard, the QAR is unable to view the crew when they are applied mid-slope. QAR obtained photos of the top slope staging area and the descending terrain from an old Upper Tram foundation wall. There is no trailer atop the staging area as is required by

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 1 1/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 1 1/4" steel cables. Some above and on grd.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000616-6	Line Support Tower #9. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000617-6	Line Support Tower #10. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000618-6	Line Support Tower #11. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 07/30/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with steep slopes, unstable rock talus surface
Level D PPE
Heavy equipment operation
Importance of good communications---plays a major factor in the safe completion of any task (no other factor more important)
Weekend break---sharing ATVs, use buddy system when out, and carry radios
General site safety rules reviewed

Clin No: CL000603, 4, 5, 6-6 respectively

Task to be accomplished: Preparation for removal (cutting operations) of towers 3, 4, 5 and 6.

Observations/Comments: Observe cutting operations at the above stated locations. Access to Towers 3, which was the lowest standing tower of the group, was reach on foot from Tower 7. The crew man carried all required equipment to the work site. Attention to detail, terrain awareness and work rest regiments were briefed prior to the undertaking. The terrain dictated a slow and methodical approach to the lower towers. Work started at Tower 3 and concluded with Tower 6. PPE level D was maintained throughout the evolution. Due to the high degree of exertion, extra water was carried to provide adequate hydration during the operation. The successful completion of this task was based largely on prior planning and the crews understanding of potential hazards associated with the work to be performed.

FOLLOW-UP PHASE CHECKLIST

Contract No.: W911KB-04-C-0019

Date: July 30, 2005

Definable Feature: Site 24 and Site 25 and in the Surrounding Tundra

Government Representative Notified 0 Hours in Advance

CLLIN Activities:

CLIN 11--CL0011105 and CL001106

I. Personnel Present:

Name	Position	Company/Government
H.Seipt	CQCSM	BEESC

II. Identify full compliance with procedures identified at preparatory, including plans, specifications, and submittals.

Comments: Revisited above listed sites on July 30 to complete a more detailed inspection of Site 24 and Site 25 and the surrounding tundra for the presence of debris.

III. Completed Work

Ensure work is complete and in compliance with contract requirements. If not, what action is taken? Yes. Specified clean up activities were previously completed. The pads and roadway between the sites and surrounding tundra were visually inspected. Debris material was confirmed to have been removed from around the perimeter of the pads at the pads/ponds interfaces at the two sites.

IV. Resolve any differences.

Record Drawings Updated: N/A

Date

Corrective Action Log Updated: Several (six to eight) old, approximately 20-foot steel, 2-inch steel, poles were observed at a roadway turnout between Site 24 and Site 25. Removal of the poles will occur prior to final walk-through by BEESC/USACE.

Date

V. Check Safety.

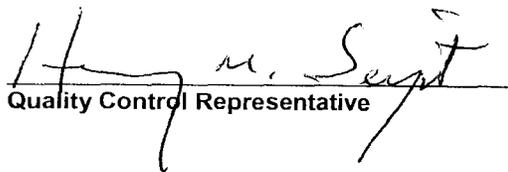
Review job conditions using EM-385-1-1 and job hazard analysis.

Job Hazard/Safety Program Reviewed for Effectiveness:

July 30, 2005

Date

Comments: No safety incidents occurred during the CLIN activities.


Quality Control Representative

Quality Assurance Representative



Laboratory Analysis Report

200 W. Potter Drive
Anchorage, AK 99518-1605
Tel: (907) 562-2343
Fax: (907) 561-5301
Web: <http://www.us.sgs.com>

Michelle Turner
Bristol Environmental
2000 W Intl Airport Rd, Ste C1
Anchorage, AK 995021117

Work Order: 1054652
NE Cape Boiler
Client: Bristol Environmental
Report Date: July 29, 2005

Released by:

Enclosed are the analytical results associated with the above workorder.

As required by the state of Alaska and the USEPA, a formal Quality Assurance/Quality Control Program is maintained by SGS. A copy of our Quality Control Manual that outlines this program is available at your request. The laboratory ADEC certification numbers are AK971-05 (DW), UST-005 (CS) and AK00971 (Micro).

Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS Quality Assurance Program Plan and the National Environmental Laboratory Accreditation Conference.

If you have any questions regarding this report or if we can be of any other assistance, please call your SGS Project Manager at (907) 562-2343.

The following descriptors may be found on your report which will serve to further qualify the data.

PQL	Practical Quantitation Limit (reporting limit).
U	Indicates the analyte was analyzed for but not detected.
F	Indicates value that is greater than or equal to the PQL.
J	The quantitation is an estimation.
ND	Indicates the analyte is not detected.
B	Indicates the analyte is found in a blank associated with the sample.
*	The analyte has exceeded allowable regulatory or control limits.
GT	Greater Than
D	The analyte concentration is the result of a dilution.
LT	Less Than
!	Surrogate out of control limits.
Q	QC parameter out of acceptance range.
M	A matrix effect was present.
JL	The analyte was positively identified, but the quantitation is a low estimation.
E	The analyte result is above the calibrated range.

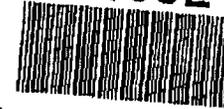
Note: Soil samples are reported on a dry weight basis unless otherwise specified.

SGS

BEESC

CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.
 BRISTOL ENVIRO & ENGR SERVICES CORP.

1054652



Virginia
Jersey

040100

1 CLIENT: BRISTOL ENVIRO & ENGR SRVCS CONTACT: STEVE JOHNSON PHONE NO.: (907) 563 0013 PROJECT: NE CAPR SITE/PWSID#: BOILER REPORTS TO: STEVE JOHNSON INVOICE TO: BRISTOL ENVIRO QUOTE # P.O. NUMBER					SGS Reference:					PAGE 1 OF 1		
					No CONTAINERS	SAMPLE TYPE Ca COMP G= GRAB	Preservatives Used Analysis Required 3	ASBESTOS				
								RUSH				
LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX				REMARKS				
	NECAPR											
1 A	05NECAFMI01	7/23/05	1:45	SOIL				BOILER INTERIOR LIN				
2	05NECAFMI02		1:46					BOILER INTERIOR LIN				
3	05NECAFMI03		1:47		INNER GASKET							
4	05NECAFMI04		1:48		EXTERIOR GASKET							
5	05NECAFMI05		1:49		EXTERIOR GASKET							
5 Collected/Relinquished By: (1) HENRY M. SEPT Date: 7/26/05 Time: 11:20 Received By: <i>Henry M. Sept</i>					4 Shipping Carrier: Shipping Ticket No: Samples Received Cold? (Circle) YES NO Temperature °C:							
Relinquished By: (2) <i>Henry M. Sept</i> Date: 7/27/05 Time: 11:50 Received By:					Special Deliverable Requirements: Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT							
Relinquished By: (3) Date: 7/27/05 Time: 11:50 Received By:					Requested Turnaround Time and Special Instructions: COE Contract # 04-036							
Relinquished By: (4) Date: 7/27/05 Time: 11:50 Received By:												

SAMPLE RECEIPT FORM

SGS WO#:

Yes No NA

- Are samples RUSH, priority, or w/n 72 hrs. of hold time?
If yes have you done e-mail notification?
Are samples within 24 hrs. of hold time or due date?
If yes, have you spoken with Supervisor?
Archiving bottles- if req., are they properly marked?
Are there any problems? PM Notified?
Were samples preserved correctly and pH verified?

Due Date: 7-29-05
Received Date: 7-27-05
Received Time: 1150
Is date/time conversion necessary?
of hours to AK Local Time:
Thermometer ID:
Cooler ID Temp Blank Cooler Temp

Temperature readings include thermometer correction factors
Delivery method (circle all that apply): Client
Alert Courier / UPS / FedEx / USPS /
AA Goldstreak / NAC / ERA / PenAir / Carlie
Lynden / SGS / Other:

If this is for PWS, provide PWSID.
Will courier charges apply?
Method of payment?
Data package required? (Level: 1 / 2 / 3 / 4)
Notes:
Is this a DoD project? (USACE, Navy, AFCEE)

Airbill #
Additional Sample Remarks: (✓if applicable)
Extra Sample Volume?
Limited Sample Volume?
Field preserved for volatiles?
Field-filtered for dissolved?
Lab-filtered for dissolved?
Ref Lab required?
Foreign Soil?

This section must be filled out for DoD projects (USACE, Navy, AFCEE)
Is received temperature 4-12°C?
Exceptions: Samples/Analyses Affected:
Rad Screen performed? Result:
Was there an airbill?
Was cooler sealed with custody seals?
Were seal(s) intact upon arrival?
Was there a COC with cooler?
Was COC sealed in plastic bag & taped inside lid of cooler?
Was the COC filled out properly?
Did the COC indicate COE / AFCEE / Navy project?
Did the COC and samples correspond?
Were all sample packed to prevent breakage?
Packing material:
Were all samples unbroken and clearly labeled?
Were all samples sealed in separate plastic bags?
Were all VOCs free of headspace and/or MeOH preserved?
Were correct container / sample sizes submitted?
Is sample condition good?
Was copy of CoC, SRF, and custody seals given to PM to fax?

This section must be filled out if problems are found
Was client notified of problems?
Individual contacted:
Via Phone / Fax / Email / Other:
Date/Time:
Reason for contact:
Change Order Required?
SGS Contact:

Notes:

Completed by (sign): [Signature] (print): James Johnson
Login proof (check one): waived X required performed by:



CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

Locations Nationwide
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038267

1 CLIENT: <u>SGS-AK</u>					SGS Reference: <u>White</u>					PAGE <u>1</u> OF <u>1</u>					
CONTACT: <u>Forest Taylor</u>			PHONE NO: <u>(907) 562-2343</u>			C O N T A I N E R S					Preservatives Used: <u>NONE</u> Analysis Required: <u>(3)</u> <u>Asbestos</u>				
PROJECT: <u>Bristol Environmental</u>			SITE/PWSID#: <u>Boiler</u>												
REPORTS TO: <u>Engineering Services</u>			FAX NO.: <u>(907) 561-5301</u>												
INVOICE TO:			QUOTE #												
2			P.O. NUMBER <u>1054652</u>												
LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX						REMARKS					
	<u>05 NECAF M 101</u>	<u>7/23/05</u>	<u>1345</u>	<u>Solid</u>						<u>1054652001</u>					
	<u>05 NECAF M 102</u>	<u> </u>	<u>1346</u>	<u> </u>						<u>1054652002</u>					
	<u>05 NECAF M 103</u>	<u> </u>	<u>1347</u>	<u> </u>						<u>1054652003</u>					
	<u>05 NECAF M 104</u>	<u> </u>	<u>1348</u>	<u> </u>						<u>1054652004</u>					
	<u>05 NECAF M 105</u>	<u>✓</u>	<u>1349</u>	<u>✓</u>						<u>1054652005</u>					
5 Collected/Relinquished By: (1) <u>[Signature]</u>					Date <u>07/21/05</u>		Time <u>1320</u>		Received By: <u>[Signature]</u>			4 Shipping Carrier:		Samples Received Cold? (Circle) YES NO	
Relinquished By: (2)					Date		Time		Received By:			Shipping Ticket No:		Temperature °C:	
Relinquished By: (3)					Date		Time		Received By:			Special Deliverable Requirements:		Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT	
Relinquished By: (4)					Date		Time		Received By:			Requested Turnaround Time and Special Instructions: <u>Results due Friday AM 7/29/05</u> <u>Thanks!</u>			

Bulk Sample Analysis for Asbestos

WEC Project #: 05G-359
Client Project#: 1054652

Report #: 27950
Report By: C.Corpuz
Report Date: 7/29/2005

Client: SGS Environmental
200 W. Potter Dr.
Anchorage, AK 99518

Collection Date: 7/23/2005
Collection By: CLIENT
TAT: 3 Business Days
Analysis By: B.Carroll
Analysis Date: 7/29/2005
Received By: Carroll
Received Date: 7/27/2005

Samples: 5 # Layers: 5

Project Name/Location: Bristol Environmental Boiler

Client ID#	WEC ID#	Location	Material	Layer
05NECAF101	AB05-4079	1054652001	Thermal Sys. Ins.	1 of 1
ASBESTOS			% Asbestos: 13%	
Chrysotile 5%			Homo- genous No	Color Grey
Amosite 8%				
Other Fibrous Materials			% Non-Fibrous Materials: 87%	
None Detected				

Client ID#	WEC ID#	Location	Material	Layer
05NECAF102	AB05-4080	1054652002	Thermal Sys. Ins.	1 of 1
ASBESTOS			% Asbestos: 13%	
Chrysotile 5%			Homo- genous No	Color Off-White
Amosite 8%				
Other Fibrous Materials			% Non-Fibrous Materials: 87%	
None Detected				

Client ID#	WEC ID#	Location	Material	Layer
05NECAF103	AB05-4081	1054652003	Gasket	1 of 1
ASBESTOS			% Asbestos: 70%	
Chrysotile 70%			Homo- genous No	Color Off-White
Other Fibrous Materials			% Non-Fibrous Materials: 30%	
None Detected				

Client ID#	WEC ID#	Location	Material	Layer
05NECAF104	AB05-4082	1054652004	Gasket	1 of 1
ASBESTOS			% Asbestos: 40%	
Chrysotile 40%			Homo- genous No	Color Brown
Other Fibrous Materials			% Non-Fibrous Materials: 60%	
None Detected				

Bulk Sample Analysis for Asbestos

WEC Project #: 05G-359
Client Project#: 1054652

Report #: 27950
Report By: C.Corpuz
Report Date: 7/29/2005

Client ID#	WEC ID#	Location	Material Gasket	Layer 1 of 1
05NECAF105	AB05-4083	1054652005		
ASBESTOS		% Asbestos: 45%	Homo- genous No	Color Brown
Chrysotile 45%				
Other Fibrous Materials		% Non-Fibrous Materials: 55%		
None Detected				

Analyst B. L. Cole Date 7-29-05
QC B. A. O'Grady Date 7-29-05

Analysis performed by EPA Method 800/R-93/116. All quantiles reported are based on visual estimation by PLM, unless point-counting method is requested and noted for the sample. Test report relates only to items tested and must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. Test reports must not be reproduced without the approval of WEC Inc., and are subject to WEC Inc. General Terms and Conditions (see reverse).



Laboratory Analysis Report

200 W. Potter Drive
Anchorage, AK 99518-1605
Tel: (907) 562-2343
Fax: (907) 561-5301
Web: <http://www.us.sgs.com>

Michelle Turner
Bristol Environmental
2000 W Intl Airport Rd, Ste C1
Anchorage, AK 995021117

Work Order: 1054603
25037 NE Cape 04 036
Client: Bristol Environmental
Report Date: July 29, 2005

Released by:
**Steven R.
Crupi**

Digitally signed by Steven R. Crupi
DN: CN = Steven R. Crupi, C = US,
O = SGS Environmental Services,
OU = Project Manager
Reason: I am approving this
document
Date: 2005.07.29 14:38:44 -0800

Enclosed are the analytical results associated with the above workorder.

As required by the state of Alaska and the USEPA, a formal Quality Assurance/Quality Control Program is maintained by SGS. A copy of our Quality Control Manual that outlines this program is available at your request. The laboratory ADEC certification numbers are AK971-05 (DW), UST-005 (CS) and AK00971 (Micro).

Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS Quality Assurance Program Plan and the National Environmental Laboratory Accreditation Conference.

If you have any questions regarding this report or if we can be of any other assistance, please call your SGS Project Manager at (907) 562-2343.

The following descriptors may be found on your report which will serve to further qualify the data.

PQL	Practical Quantitation Limit (reporting limit).
U	Indicates the analyte was analyzed for but not detected.
F	Indicates value that is greater than or equal to the PQL.
J	The quantitation is an estimation.
ND	Indicates the analyte is not detected.
B	Indicates the analyte is found in a blank associated with the sample.
*	The analyte has exceeded allowable regulatory or control limits.
GT	Greater Than
D	The analyte concentration is the result of a dilution.
LT	Less Than
!	Surrogate out of control limits.
Q	QC parameter out of acceptance range.
M	A matrix effect was present.
JL	The analyte was positively identified, but the quantitation is a low estimation.
E	The analyte result is above the calibrated range.

Note: Soil samples are reported on a dry weight basis unless otherwise specified.



SGS Ref.# 1054603001
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID Waste7
Matrix Soil/Solid
Location/Well ID Waste7

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 14:36
Collected Date/Time 07/18/2005 14:20
Received Date/Time 07/25/2005 17:20
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	63.7 U	63.7	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1221	63.7 U	63.7	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1232	63.7 U	63.7	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1242	63.7 U	63.7	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1248	63.7 U	63.7	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1254	63.7 U	63.7	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1260	5250	637	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	76.8		%	SW8082	A	60-125	07/27/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	78.4		%	SM20 2540G	A			07/26/05	JC



SGS Ref.# 1054603002
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID Waste110
Matrix Soil/Solid
Location/Well ID Waste110

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 14:36
Collected Date/Time 07/18/2005 17:50
Received Date/Time 07/25/2005 17:20
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	53.6 U	53.6	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1221	53.6 U	53.6	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1232	53.6 U	53.6	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1242	53.6 U	53.6	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1248	53.6 U	53.6	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1254	53.6 U	53.6	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1260	2020	536	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Surrogates									
Decachlorobiphenyl <surrogate>	80.3		%	SW8082	A	60-125	07/27/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	92.9		%	SM20 2540G	A			07/26/05	JC



SGS Ref.# 1054603003
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID Waste98
Matrix Soil/Solid
Location/Well ID Waste98

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 14:36
Collected Date/Time 07/18/2005 13:30
Received Date/Time 07/25/2005 17:20
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	56.1 U	56.1	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1221	56.1 U	56.1	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1232	56.1 U	56.1	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1242	56.1 U	56.1	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1248	56.1 U	56.1	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1254	56.1 U	56.1	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1260	11900	561	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	84.3		%	SW8082	A	60-125	07/27/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	88.7		%	SM20 2540G	A			07/26/05	JC



Laboratory Analysis Report

200 W. Potter Drive
Anchorage, AK 99518-1605
Tel: (907) 562-2343
Fax: (907) 561-5301
Web: <http://www.us.sgs.com>

Michelle Turner
Bristol Environmental
2000 W Intl Airport Rd, Ste C1
Anchorage, AK 995021117

Work Order: 1054532
25037 NE Cape 04 036
Client: Bristol Environmental
Report Date: July 28, 2005

Released by:
**Steven
R. Crupi**

Digitally signed by Steven R. Crupi
DN: CN = Steven R. Crupi, C = US, O = SGS Environmental Services, OU = Project Manager
Reason: I am approving this document
Date: 2005.07.28 17:24:54 -0800

Enclosed are the analytical results associated with the above workorder.

As required by the state of Alaska and the USEPA, a formal Quality Assurance/Quality Control Program is maintained by SGS. A copy of our Quality Control Manual that outlines this program is available at your request. The laboratory ADEC certification numbers are AK971-05 (DW), UST-005 (CS) and AK00971 (Micro).

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If you have any questions regarding this report or if we can be of any other assistance, please call your SGS Project Manager at (907) 562-2343.

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F	Indicates value that is greater than or equal to the PQL.
J	The quantitation is an estimation.
ND	Indicates the analyte is not detected.
B	Indicates the analyte is found in a blank associated with the sample.
*	The analyte has exceeded allowable regulatory or control limits.
GT	Greater Than
D	The analyte concentration is the result of a dilution.
LT	Less Than
!	Surrogate out of control limits.
Q	QC parameter out of acceptance range.
M	A matrix effect was present.
JL	The analyte was positively identified, but the quantitation is a low estimation.
E	The analyte result is above the calibrated range.

Note: Soil samples are reported on a dry weight basis unless otherwise specified.

- PRELIMINARY -



SGS Ref.# 1054532001
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL001
Matrix Soil/Solid
Location/Well ID 05NEC31SL001

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/18/2005 10:50
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	565 U	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	565 U	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	565 U	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	565 U	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	565 U	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	565 U	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	5130	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	72.7		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	88.4		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532002
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL008
Matrix Soil/Solid
Location/Well ID 05NEC31SL008

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/18/2005 11:40
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	592 U	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	592 U	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	592 U	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	592 U	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	592 U	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	592 U	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	6950	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	68.3		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	83.4		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532003
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL013
Matrix Soil/Solid
Location/Well ID 05NEC31SL013

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/21/2005 12:10
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	624 U	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	624 U	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	624 U	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	624 U	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	624 U	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	624 U	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	7090	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	77		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
Solids									
Total Solids	78.8		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532004
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL015
Matrix Soil/Solid
Location/Well ID 05NEC31SL015

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/18/2005 11:45
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	563 U	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	563 U	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	563 U	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	563 U	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	563 U	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	563 U	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	8330	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	82.3		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	88.4		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532005
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL016
Matrix Soil/Solid
Location/Well ID 05NEC31SL016

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/18/2005 11:50
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:
8082 - Surrogate is outside of controls due to sample dilution.

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	2770 U	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	2770 U	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	2770 U	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	2770 U	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	2770 U	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	2770 U	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	17700	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	0	!	%	SW8082	A	60-125	07/26/05	07/27/05	WAA
Solids									
Total Solids	89.8		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532006
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFSL062
Matrix Soil/Solid
Location/Well ID 05NECAFSL062

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/18/2005 17:40
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:
8082 - Surrogate is outside of controls due to sample dilution.

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	2700 U	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	2700 U	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	2700 U	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	2700 U	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	2700 U	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	2700 U	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	37100	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	0	!	%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	91.9		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532007
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFSL064
Matrix Soil/Solid
Location/Well ID 05NECAFSL064

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/18/2005 17:50
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	261 U	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	261 U	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	261 U	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	261 U	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	261 U	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	261 U	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	1410	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	93.4		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
Solids									
Total Solids	94.5		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532008
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL003
Matrix Soil/Solid
Location/Well ID 05NEC31SL003

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/18/2005 10:58
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.6 U	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.6 U	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.6 U	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.6 U	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.6 U	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.6 U	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	286	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <sur>	84.9		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	94.3		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532009
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC07SL032
Matrix Soil/Solid
Location/Well ID 05NEC07SL032

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/18/2005 14:25
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	52.9 U	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	52.9 U	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	52.9 U	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	52.9 U	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	52.9 U	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	52.9 U	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	173	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	83.5		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	94.2		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532010
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC07SL038
Matrix Soil/Solid
Location/Well ID 05NEC07SL038

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/18/2005 14:45
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	54.4 U	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	54.4 U	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	54.4 U	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	54.4 U	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	54.4 U	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	54.4 U	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	99.1	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	87.1		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	90.7		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532011
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC07SL042
Matrix Soil/Solid
Location/Well ID 05NEC07SL042

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/18/2005 15:05
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	53.8 U	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	53.8 U	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	53.8 U	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	53.8 U	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	53.8 U	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	53.8 U	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	53.6 J	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	89.2		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	91.6		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532012
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC07SL053
Matrix Soil/Solid
Location/Well ID 05NEC07SL053

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/18/2005 16:00
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	152	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	72.8		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	94.8		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532013
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL081
Matrix Soil/Solid
Location/Well ID 05NEC31SL081

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 7:55
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	73.8		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	97.6		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532014
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL082
Matrix Soil/Solid
Location/Well ID 05NEC31SL082

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 8:00
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	78.6		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
Solids									
Total Solids	97.8		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532015
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL083
Matrix Soil/Solid
Location/Well ID 05NEC31SL083

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 8:00
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	78.2		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	97.8		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532016
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL085
Matrix Soil/Solid
Location/Well ID 05NEC31SL085

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 8:05
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.8 U	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	50.8 U	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	50.8 U	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	50.8 U	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	50.8 U	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	50.8 U	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	228	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surrogate>	78.2		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.2		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532017
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL086
Matrix Soil/Solid
Location/Well ID 05NEC31SL086

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 8:10
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	82.9		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.0		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532018
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL087
Matrix Soil/Solid
Location/Well ID 05NEC31SL087

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 8:15
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	59.1	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	76.7		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	97.7		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532019
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL088
Matrix Soil/Solid
Location/Well ID 05NEC31SL088

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 8:20
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	263	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	79.6		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.3		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532020
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL089
Matrix Soil/Solid
Location/Well ID 05NEC31SL089

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 8:25
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	173	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	72.7		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.5		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532021
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL090
Matrix Soil/Solid
Location/Well ID 05NEC31SL090

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 8:30
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	54.8	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <sur>	90.3		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	97.7		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532022
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL091
Matrix Soil/Solid
Location/Well ID 05NEC31SL091

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 8:35
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	44.5 J	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	96.4		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	96.0		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532023
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL092
Matrix Soil/Solid
Location/Well ID 05NEC31SL092

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 8:40
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	58.4	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	90.9		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	97.0		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532024
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL093
Matrix Soil/Solid
Location/Well ID 05NEC31SL093

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 8:45
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	89.1		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.2		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532025
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL094
Matrix Soil/Solid
Location/Well ID 05NEC31SL094

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 11:05
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	115	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	91.5		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.2		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532026
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL095
Matrix Soil/Solid
Location/Well ID 05NEC31SL095

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 11:05
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.4 U	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	50.4 U	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	50.4 U	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	50.4 U	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	50.4 U	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	50.4 U	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	116	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	89.7		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.2		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532027
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL097
Matrix Soil/Solid
Location/Well ID 05NEC31SL097

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 11:10
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.9 U	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	49.9 U	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	49.9 U	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	49.9 U	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	49.9 U	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	49.9 U	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	96.8	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	95.8		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.6		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532028
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL098
Matrix Soil/Solid
Location/Well ID 05NEC31SL098

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 11:15
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.2 U	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	49.2 U	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	49.2 U	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	49.2 U	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	49.2 U	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	49.2 U	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	149	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	94.3		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.0		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532029
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL099
Matrix Soil/Solid
Location/Well ID 05NEC31SL099

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 11:20
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	114	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	94		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
Solids									
Total Solids	96.9		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532030
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL100
Matrix Soil/Solid
Location/Well ID 05NEC31SL100

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 11:25
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	101	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	97.7		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.6		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532031
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL101
Matrix Soil/Solid
Location/Well ID 05NEC31SL101

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 11:30
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.7 U	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	49.7 U	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	49.7 U	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	49.7 U	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	49.7 U	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	49.7 U	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	606	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	95.2		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	96.0		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532032
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL102
Matrix Soil/Solid
Location/Well ID 05NEC31SL102

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 11:35
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	432	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	94.1		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.6		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532033
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL103
Matrix Soil/Solid
Location/Well ID 05NEC31SL103

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 11:40
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.2 U	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.2 U	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.2 U	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.2 U	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.2 U	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.2 U	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	165	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Surrogates									
Decachlorobiphenyl <surrogate>	98.5		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.9		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532034
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL104
Matrix Soil/Solid
Location/Well ID 05NEC31SL104

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 11:45
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	56.8	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	91.3		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.8		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532035
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL105
Matrix Soil/Solid
Location/Well ID 05NEC31SL105

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 11:50
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.1 U	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.1 U	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.1 U	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.1 U	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.1 U	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.1 U	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	53.9	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	90.6		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.9		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532036
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL106
Matrix Soil/Solid
Location/Well ID 05NEC31SL106

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 11:55
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	50.3 U	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.3 U	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.3 U	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.3 U	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.3 U	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.3 U	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	353	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	90.1		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
Solids									
Total Solids	97.7		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532037
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL107
Matrix Soil/Solid
Location/Well ID 05NEC31SL107

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 11:55
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	520	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	96.3		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.5		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532038
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL109
Matrix Soil/Solid
Location/Well ID 05NEC31SL109

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 12:00
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	1440	255	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	94.8		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.4		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532039
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL110
Matrix Soil/Solid
Location/Well ID 05NEC31SL110

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 12:05
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.7 U	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.7 U	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.7 U	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.7 U	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.7 U	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.7 U	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	324	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	91.9		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.2		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -



SGS Ref.# 1054532040
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL111
Matrix Soil/Solid
Location/Well ID 05NEC31SL111

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 12:10
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	169	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	94.5		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
Solids									
Total Solids	97.3		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532041
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL112
Matrix Soil/Solid
Location/Well ID 05NEC31SL112

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/28/2005 17:13
Collected Date/Time 07/19/2005 12:15
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	83.2		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	96.6		%	SM20 2540G	A			07/25/05	HM

- PRELIMINARY -

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-01

Quote No.: 6970

PAGE 1 OF 1

Contact: Michelle Turner

Phone No: 907-563-0013

Project: 25037 NE Cape

Reports To:
Michelle Turner
BEESC
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1118

No. JARS	Sample Type C= COMP D= discrete	PCB 8082	72-hour TAT	Composite sample name
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1054532



LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
① A	05NEC31SL001	7/18/05	1050	SL	1	D	X	X	--	
②	05NEC31SL008	7/18/05	1140	SL	1	D	X	X	--	
③	05NEC31SL013	7/21/05	1210	SL	1	D	X	X	--	
④	05NEC31SL015	7/18/05	1145	SL	1	D	X	X	--	
⑤	05NEC31SL016	7/18/05	1150	SL	1	D	X	X	--	
⑥	05NECAFSL062	7/18/05	1740	SL	1	D	X	X	--	
⑦	05NECAFSL064	7/18/05	1750	SL	1	D	X	X	--	
⑧	05NEC31SL003	7/18/05	1058	SL	1	D	X	X	--	

RUSH

Collected/Relinquished By: (1) <i>Harry W. Pelt</i>	Date 7/25/05	Time 1140	Received By:	Shipping Carrier:	Temperature C: 70-5.3 C-8.0
Collected/Relinquished By: (2)	Date	Time	Received By:	Shipping Ticket No:	
Collected/Relinquished By: (3)	Date	Time	Received By:	Data Deliverables: USACE data deliverables requested; SEDD and COELT EDDs requested	Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT
Collected/Relinquished By: (4) <i>[Signature]</i>	Date 7/25/05	Time 1140	Received For Laboratory By:	Requested Turnaround Time and Special Instructions: NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-02

Quote No.: 6970

PAGE 1 OF 1

Contact: Michelle Turner

Phone No: 907-563-0013

Project: 25037 NE Cape

Reports To:
Michelle Turner
BEESC
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1118

No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name
	C= COMP D= discrete			

1054532



LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX						Remarks
9	A 05NEC07SL032	7/18/05	1425	SL	1	D	X	X	--	
10	05NEC07SL038	7/18/05	1445	SL	1	D	X	X	--	
11	05NEC07SL042	7/18/05	1505	SL	1	D	X	X	--	
12	05NEC07SL053	7/18/05	1600	SL	1	D	X	X	--	
13	05NEC31SL081	7/19/05	0755	SL	1	D	X	X	--	
14	05NEC07SL082	7/19/05	0800	SL	1	D	X	X	--	
15	05NEC07SL083	7/19/05	0800	SL	1	D	X	X	--	
16	05NEC07SL085	7/19/05	0805	SL	1	D	X	X	--	
17	05NEC07SL086	7/19/05	0810	SL	1	D	X	X	--	
18	05NEC07SL087	7/19/05	0815	SL	1	D	X	X	--	
19	05NEC07SL088	7/19/05	0820	SL	1	D	X	X	--	

RUSH

Collected/Relinquished By: (1) <i>[Signature]</i>	Date 7/25/05	Time 1140	Received By: <i>[Signature]</i>	Shipping Carrier:	Temperature C:
Collected/Relinquished By: (2)	Date	Time	Received By:	Shipping Ticket No:	
Collected/Relinquished By: (3)	Date	Time	Received By:	Data Deliverables: USACE data deliverables requested; SEDD and COELT EDDs requested	Chain of Custody Seal: (Circle) INTACT - BROKEN ABSENT
Collected/Relinquished By: (4) <i>[Signature]</i>	Date 7/25/05	Time 1140	Received For Laboratory By: <i>[Signature]</i>	Requested Turnaround Time and Special Instructions: Composite samples as requested above. Run composite samples under identifiers as requested above. Provide QA/QC samples as requested in "remarks"	
				NOA Michelle Turner - BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-03
Quote No.: 6970

 PAGE 1 OF 1

Contact: Michelle Turner

Phone No: 907-563-0013

Project: 25037 NE Cape

 Reports To:
 Michelle Turner
 BEESC
 2000 W. International Airport Rd., #C-1
 Anchorage, AK 99502-1118

No. JARS	Sample Type C= COMP D= discrete	PCB 8082	72-hour TAT	Composite sample name
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1054532



LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
20 A	05NEC07SL089	7/19/05	0825	SL	1	D	X	X	--	
21	05NEC07SL090	7/19/05	0830	SL	1	D	X	X	--	
22	05NEC07SL091	7/19/05	0835	SL	1	D	X	X	--	
23	05NEC07SL092	7/19/05	0840	SL	1	D	X	X	--	
24	05NEC07SL093	7/19/05	0845	SL	1	D	X	X	--	RUSH
25	05NEC07SL094	7/19/05	1105	SL	1	D	X	X	--	
26	05NEC07SL095	7/19/05	1105	SL	1	D	X	X	--	
27	05NEC07SL097	7/19/05	1110	SL	1	D	X	X	--	
28	05NEC07SL098	7/19/05	1115	SL	1	D	X	X	--	
29	05NEC07SL099	7/19/05	1120	SL	1	D	X	X	--	
30	05NEC07SL100	7/19/05	1125	SL	1	D	X	X	--	
31	05NEC07SL101	7/19/05	1130	SL	1	D	X	X	--	

Collected/Relinquished By: (1)	Date	Time	Received By:	Shipping Carrier:	Temperature C:
	7/25/05	1140		Shipping Ticket No:	
Collected/Relinquished By: (2)	Date	Time	Received By:	Data Deliverables:	Chain of Custody Seal: (Circle)
				USACE data deliverables requested; SEDD and COELT EDDs requested	INTACT BROKEN ABSENT
Collected/Relinquished By: (3)	Date	Time	Received By:	Requested Turnaround Time and Special Instructions:	
				Composite samples as requested above. Run composite samples under identifiers as requested above. Provide QA/QC samples as requested in "remarks"	
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:	NOA Michelle Turner - BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	
	7/25/05	1140			

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-04

Quote No.: 6970

Contact: Michelle Turner

Phone No: 907-563-0013

PAGE 1 OF 1

Project: 25037 NE Cape

Reports To:
Michelle Turner
BEESC
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1118

No. JARS	Sample Type C= COMP D= discrete	PCB 8082	72-hour TAT	Composite sample name
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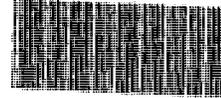
1054532



LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
32 A	05NEC07SL102	7/19/05	1135	SL	1	D	X	X	--	
33	05NEC07SL103	7/19/05	1140	SL	1	D	X	X	--	
34	05NEC07SL104	7/19/05	1145	SL	1	D	X	X	--	
35	05NEC07SL105	7/19/05	1150	SL	1	D	X	X	--	
36	05NEC07SL106	7/19/05	1155	SL	1	D	X	X	--	
37	05NEC07SL107	7/19/05	1155	SL	1	D	X	X	--	
38	05NEC07SL109	7/19/05	1200	SL	1	D	X	X	--	
39	05NEC07SL110	7/19/05	1205	SL	1	D	X	X	--	
40	05NEC07SL111	7/19/05	1210	SL	1	D	X	X	--	
41	05NEC07SL112	7/19/05	1215	SL	1	D	X	X	--	

RUSH

Collected/Relinquished By: (1)	Date	Time	Received By:	Shipping Carrier:	Temperature C:
<i>Larry W. [Signature]</i>	7/25/05	1140	<i>[Signature]</i>		
Collected/Relinquished By: (2)	Date	Time	Received By:	Data Deliverables:	Chain of Custody Seal: (Circle)
				USACE data deliverables requested; SEDD and COELT EDDs requested	INTACT <input type="checkbox"/> BROKEN <input type="checkbox"/> ABSENT <input type="checkbox"/>
Collected/Relinquished By: (3)	Date	Time	Received By:	Requested Turnaround Time and Special Instructions:	
				Composite samples as requested above. Run composite samples under identifiers as requested above. Provide QA/QC samples as requested in "remarks"	
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:	NOA Michelle Turner - BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	
<i>[Signature]</i>	7/25/05	1145	<i>[Signature]</i>		



SAMPLE RECEIPT FORM

SGS WO#:

Yes No NA

- Are samples **RUSH** priority, or w/in 72 hrs. of hold time?
- If yes have you done e-mail notification?
- Are samples within 24 hrs. of hold time or due date?
- If yes, have you spoken with Supervisor?
- Archiving bottles- if req., are they properly marked?
- Are there any problems? PM Notified? _____
- Were samples preserved correctly and pH verified? _____

- If this is for PWS, provide PWSID. _____
- Will courier charges apply? _____
- Method of payment? _____
- Data package required? (Level: 1 / 2 / 3 / 4) _____

Notes:

- Is this a DoD project? (USACE, Navy, AFCEE) SEDS COELT

Due Date: 7-28-05

Received Date: 7-25-05

Received Time: 1140

Is date/time conversion necessary? N

of hours to AK Local Time: _____

Thermometer ID: 5D

Cooler ID	Temp Blank	Cooler Temp
<u>1</u>	<u>5-3 °C</u>	<u>8.0 °C</u>
_____	_____ °C	_____ °C
_____	_____ °C	_____ °C
_____	_____ °C	_____ °C
_____	_____ °C	_____ °C

*Temperature readings include thermometer correction factors

Delivery method (circle all that apply): Client

- Alert Courier / UPS / FedEx / USPS /
- AA Goldstreak / NAC / ERA / PenAir / Carile
- Lynden / SGS / Other: _____

Airbill # _____

- Additional Sample Remarks: (if applicable)
- Extra Sample Volume?
 - Limited Sample Volume?
 - Field preserved for volatiles?
 - Field-filtered for dissolved?
 - Lab-filtered for dissolved?
 - Ref Lab required? _____
 - Foreign Soil? _____

This section must be filled out for DoD projects (USACE, Navy, AFCEE)

- | Yes | No | Is received temperature 4 ± 2°C? | Exceptions: | Samples/Analyses Affected: |
|-------------------------------------|--------------------------|--|----------------|----------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | | <u>C = 8.0</u> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Rad Screen performed? Result: _____ | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Was there an airbill? (Note # above in the right hand column) | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Was cooler sealed with custody seals? # / where: _____ | | |
| <input checked="" type="checkbox"/> | <u>NA</u> | Were seal(s) intact upon arrival? | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Was there a COC with cooler? | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Was COC sealed in plastic bag & taped inside lid of cooler? | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Was the COC filled out properly? | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Did the COC indicate COE / AFCEE / Navy project? | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Did the COC and samples correspond? | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Were all sample packed to prevent breakage? Packing material: <u>BSW</u> | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Were all samples unbroken and clearly labeled? | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Were all samples sealed in separate plastic bags? | | |
| <input checked="" type="checkbox"/> | <u>NA</u> | Were all VOCs free of headspace and/or MeOH preserved? | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Were correct container / sample sizes submitted? | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Is sample condition good? | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Was copy of CoC, SRF, and custody seals given to PM to fax? | | |

This section must be filled if problems are found.

- | Yes | No | Was client notified of problems? |
|---|--------------------------|----------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| Individual contacted: _____ | | |
| Via: Phone / Fax / Email (circle one) _____ | | |
| Date/Time: _____ | | |
| Reason for contact: _____ | | |
| _____ | | |
| _____ | | |
| Change Order Required? _____ | | |
| SGS Contact: _____ | | |

Notes:

Completed by (sign): [Signature] (print): James Johnson

Login proof (check one): waived required performed by: _____

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-02 Corrected
Quote No.: 6970

Contact: Michelle Turner

Phone No: 907-563-0013

 PAGE 1 OF 1

Project: 25037 NE Cape

Reports To:

Michelle Turner

BEESC

2000 W. International Airport Rd., #C-1

Anchorage, AK 99502-1118

No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name
C=	COMP			
D=	discrete			

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
	05NEC07SL032	7/18/05	1425	SL	1	D	X	X	--	
	05NEC07SL038	7/18/05	1445	SL	1	D	X	X	--	
	05NEC07SL042	7/18/05	1505	SL	1	D	X	X	--	
	05NEC07SL053	7/18/05	1600	SL	1	D	X	X	--	
	05NEC31SL081	7/19/05	0755	SL	1	D	X	X	--	
	05NEC31SL082	7/19/05	0800	SL	1	D	X	X	--	
	05NEC31SL083	7/19/05	0800	SL	1	D	X	X	--	
	05NEC31SL085	7/19/05	0805	SL	1	D	X	X	--	
	05NEC31SL086	7/19/05	0810	SL	1	D	X	X	--	
	05NEC31SL087	7/19/05	0815	SL	1	D	X	X	--	
	05NEC31SL088	7/19/05	0820	SL	1	D	X	X	--	
									--	

Collected/Relinquished By: (1)	Date	Time	Received By:	Shipping Carrier:	Temperature C:
				Shipping Ticket No:	
Collected/Relinquished By: (2)	Date	Time	Received By:	Data Deliverables:	Chain of Custody Seal: (Circle)
				USACE data deliverables requested; SEDD and COELT EDDs requested	INTACT BROKEN ABSENT
Collected/Relinquished By: (3)	Date	Time	Received By:	Requested Turnaround Time and Special Instructions:	
				Composite samples as requested above. Run composite samples under identifiers as requested above. Provide QA/QC samples as requested in "remarks"	
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:	NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-03 Corrected

Quote No.: 6970

Contact: Michelle Turner

Phone No: 907-563-0013

Project: 25037 NE Cape

PAGE 1 OF 1

Reports To:

Michelle Turner

BEESC

2000 W. International Airport Rd., #C-1

Anchorage, AK 99502-1118

No. JARS	Sample Type C= COMP D= discrete	PCB 8082	72-hour TAT	Composite sample name	Remarks
----------	---	----------	-------------	-----------------------	---------

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
	05NEC31SL089	7/19/05	0825	SL	1	D	X	X	--	
	05NEC31SL090	7/19/05	0830	SL	1	D	X	X	--	
	05NEC31SL091	7/19/05	0835	SL	1	D	X	X	--	
	05NEC31SL092	7/19/05	0840	SL	1	D	X	X	--	
	05NEC31SL093	7/19/05	0845	SL	1	D	X	X	--	
	05NEC31SL094	7/19/05	1105	SL	1	D	X	X	--	
	05NEC31SL095	7/19/05	1105	SL	1	D	X	X	--	
	05NEC31SL097	7/19/05	1110	SL	1	D	X	X	--	
	05NEC31SL098	7/19/05	1115	SL	1	D	X	X	--	
	05NEC31SL099	7/19/05	1120	SL	1	D	X	X	--	
	05NEC31SL100	7/19/05	1125	SL	1	D	X	X	--	
	05NEC31SL101	7/19/05	1130	SL	1	D	X	X	--	

Collected/Relinquished By: (1)	Date	Time	Received By:	Shipping Carrier:	Temperature C:
				Shipping Ticket No:	
Collected/Relinquished By: (2)	Date	Time	Received By:	Data Deliverables:	Chain of Custody Seal: (Circle)
				USACE data deliverables requested; SEDD and COELT EDDs requested	INTACT BROKEN ABSENT
Collected/Relinquished By: (3)	Date	Time	Received By:	Requested Turnaround Time and Special Instructions:	
				Composite samples as requested above. Run composite samples under identifiers as requested above. Provide QA/QC samples as requested in "remarks"	
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:	NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-04 Corrected

Quote No.: 6970

PAGE 1 OF 1

Contact: Michelle Turner

Phone No: 907-563-0013

Project: 25037 NE Cape

Reports To:

Michelle Turner

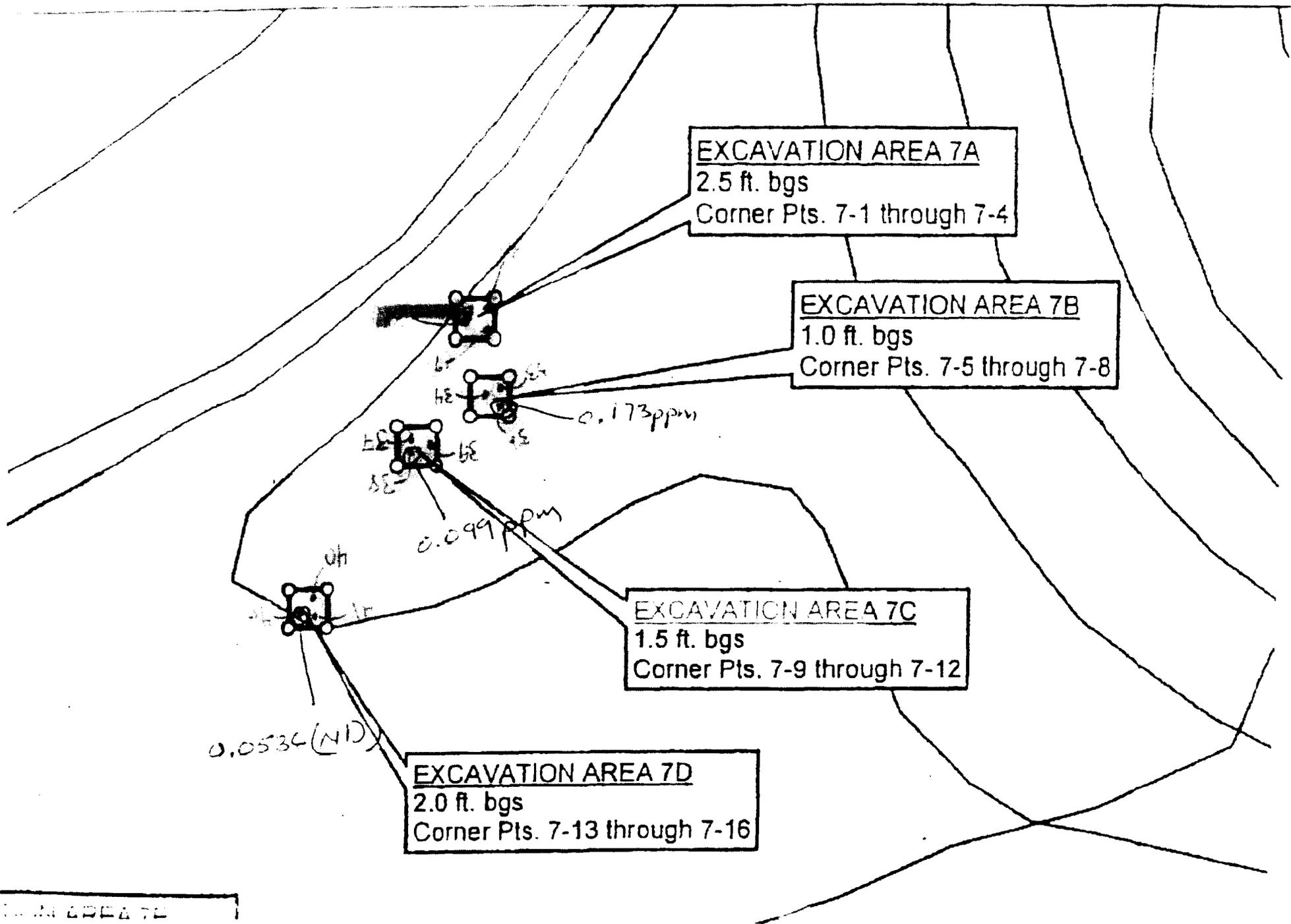
BEESC

2000 W. International Airport Rd., #C-1

Anchorage, AK 99502-1118

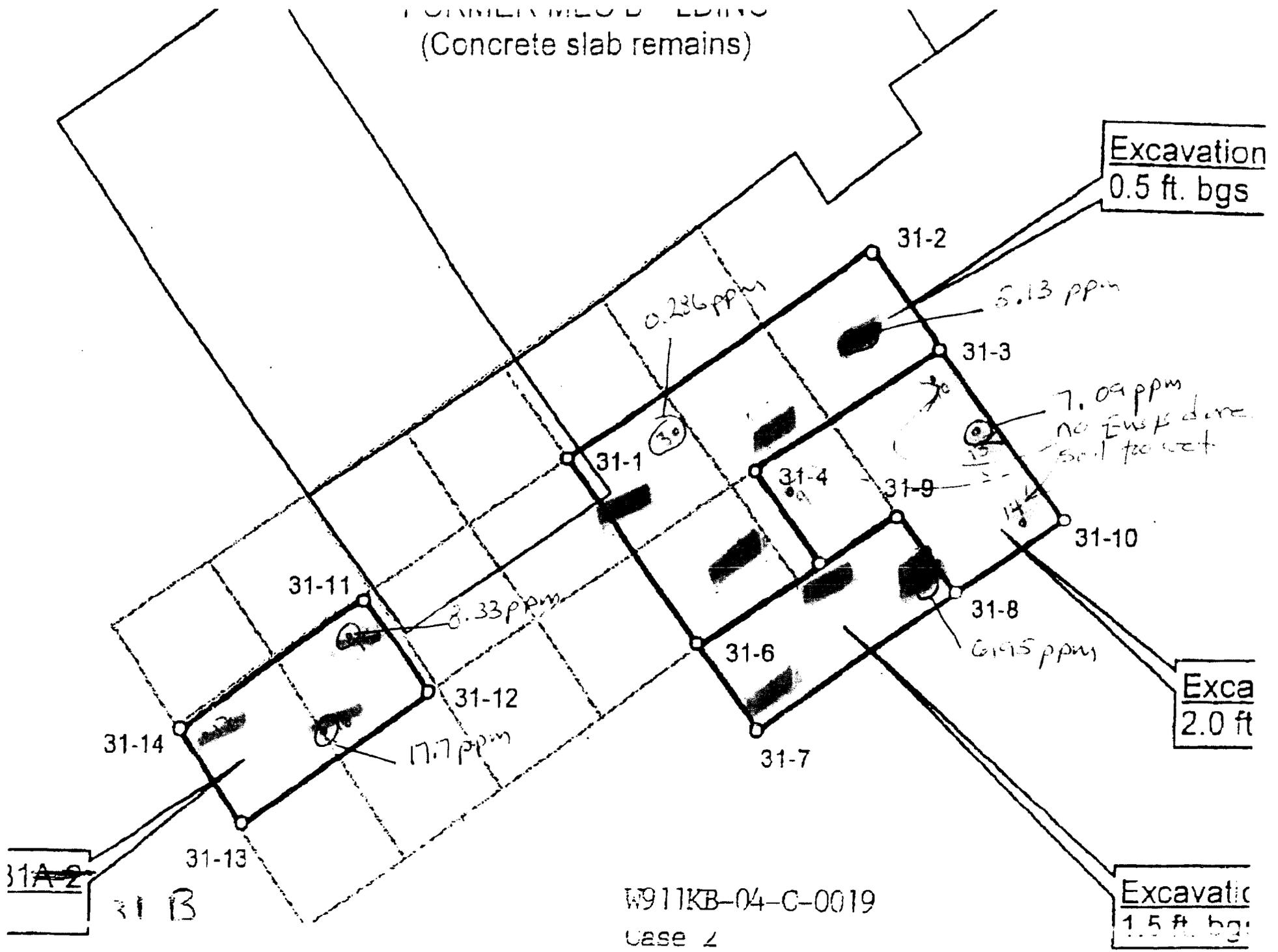
LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type C= COMP D= discrete	PCB 8082	72-hour TAT	Composite sample name	Remarks
	05NEC31SL102	7/19/05	1135	SL	1	D	X	X	--	
	05NEC31SL103	7/19/05	1140	SL	1	D	X	X	--	
	05NEC31SL104	7/19/05	1145	SL	1	D	X	X	--	
	05NEC31SL105	7/19/05	1150	SL	1	D	X	X	--	
	05NEC31SL106	7/19/05	1155	SL	1	D	X	X	--	
	05NEC31SL107	7/19/05	1155	SL	1	D	X	X	--	
	05NEC31SL109	7/19/05	1200	SL	1	D	X	X	--	
	05NEC31SL110	7/19/05	1205	SL	1	D	X	X	--	
	05NEC31SL111	7/19/05	1210	SL	1	D	X	X	--	
	05NEC31SL112	7/19/05	1215	SL	1	D	X	X	--	

Collected/Relinquished By: (1)	Date	Time	Received By:	Shipping Carrier:	Temperature C:
				Shipping Ticket No:	
Collected/Relinquished By: (2)	Date	Time	Received By:	Data Deliverables:	Chain of Custody Seal: (Circle)
				USACE data deliverables requested; SEDD and COELT EDDs requested	INTACT BROKEN ABSENT
Collected/Relinquished By: (3)	Date	Time	Received By:	Requested Turnaround Time and Special Instructions:	
				Composite samples as requested above. Run composite samples under identifiers as requested above. Provide QA/QC samples as requested in "remarks"	
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:	NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	

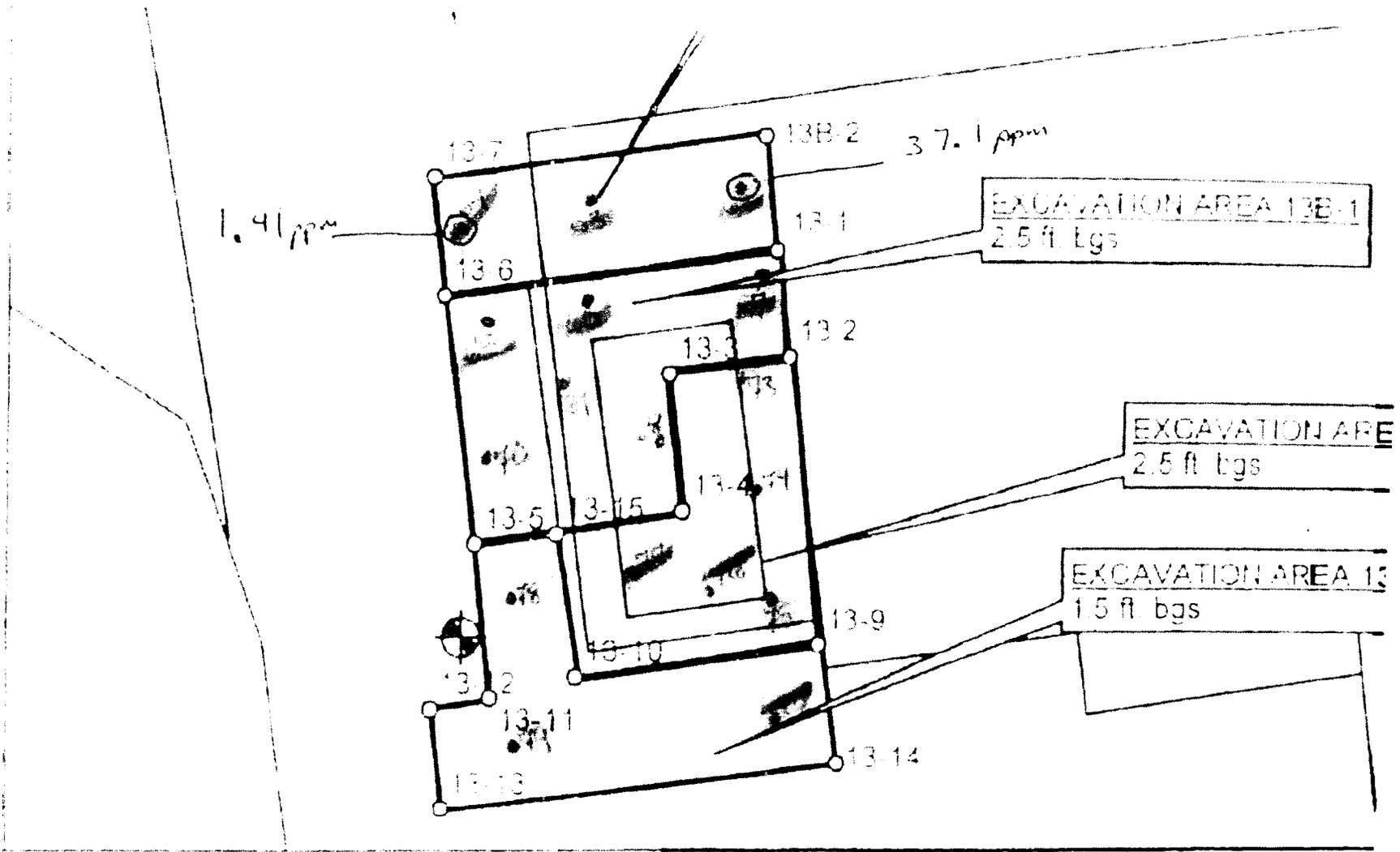


10.11.2017

FORMER MED BLDG
(Concrete slab remains)



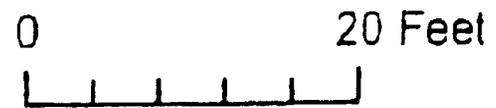
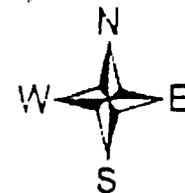
W911KB-04-C-0019
Case 2
Modification 1000

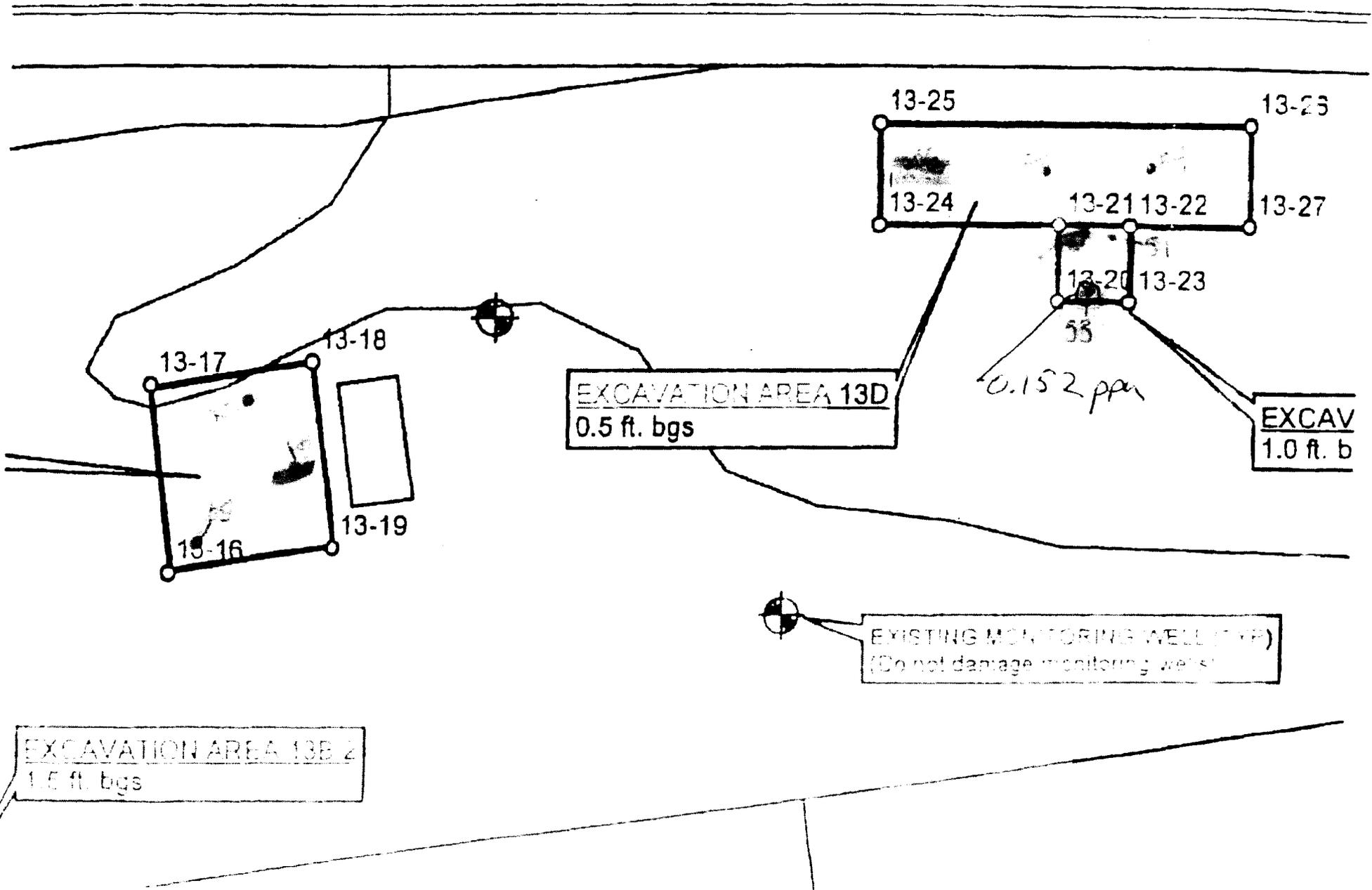


Legend

○ Excavation Corners

▭ Excavation Areas





EXCAVATION AREA 13D
0.5 ft. bgs

EXCAV
1.0 ft. b

EXISTING MONITORING WELL (TYP)
(Do not damage monitoring wells)

EXCAVATION AREA 13B
1.5 ft. bgs

0.152 ppm

13-17

13-18

13-16

13-19

13-25

13-25

13-24

13-21

13-22

13-27

13-20

13-23

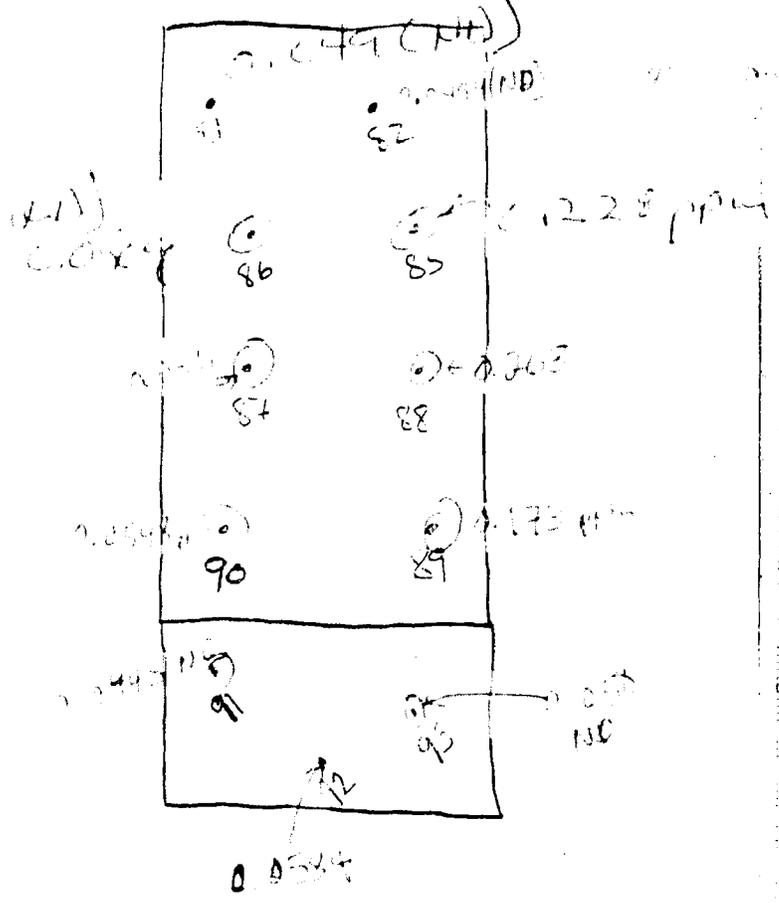
55

51

7/19/05 - Tuesday
 0700 - Safety Mtg.
 0715 - 2nd Sample
 0845 - Tol Con Mtg.

N↑
 NTS

1001 - Room B + G Sample Locations

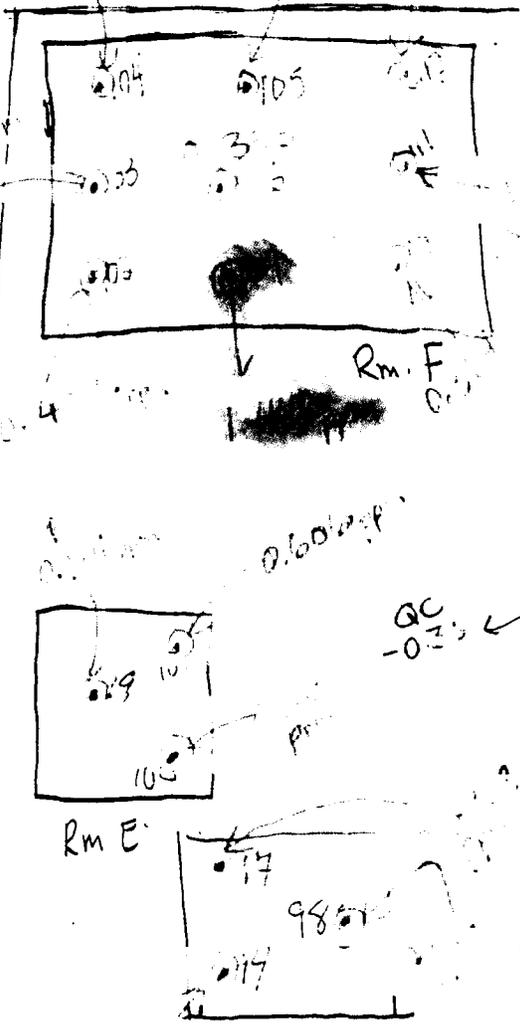


2.106

24
N

Bldg. 1001 - Rooms C, E, F Sampling

NTS



DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 037

Date or Time Period
Sunday July 31, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low:

Temp High:

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory:
 Initial:
 Follow-up:
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC field crew off day.2. Two mechanics worked an 8 day repairing equipment.3. Total personnel: 20.

Manpower On Site

Personnel	Classification	Sunday	Hours	Off Island
BEESC		7-31-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent			
Hank Seipt	CQCSM			
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO			
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman			
Kim Leach	Driver/Operator			
Bill Thorton	Operator			
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic		8	
Troy Whitmore	Oiler/Mechanic		8	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer			
Sam Mokiyyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Sylvia Toolie	Office Staff			
Jacob Olanna	Laborer			
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	6	6
Ford Lube/Fuel Tk	50-201	11		11	1	1		24	73.5	97.5
Ottawa Yard Goat-5 th wheel	50-320		9					9	1	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329		10			3	5	18	78.5	96.5
Kenworth Tractor-5 th wheel	50-330	5	10				5	20	45	65
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351	4	10	5				19	29	48
Marooka MST 2200 Flatbed w/reel	50-352		11	9.5	4			24.5	60	84.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415			8				8	0	8

Equipment Type	BEESC Number	M-25	T-26	W-27	TH-28	F-29	S-30	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426							0	21	21
Cat 980C loader w/bucket & forks	50-501	7	2		6	11	8.5	34.5	87	121.5
Cat 988B loader w/bucket & forks	50-505	1	11		3	3	8	26	72	98
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800				5	5		10	31.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100				5			5	7	12
Cat D8K Winch Cat	51-101	5					4	9	11	20
Hitachi EX300LC Excavator	51-200				10	10		20	21.5	41.5
Hitachi EX120 Excavator	51-204	10		10		4		24	140	164

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	26	27
Activity: CL000804, Scrap Metal Removal	80.642	132.135	85.11% (212.775)
Activity: CL000503, 2-Inch Wire Removal	0%	25%	25%
Activity: CL000508, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000510, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000608, Tram Support Tower #1	0%	50%	50%
Activity: CL000609, Tram Support Tower #2	0%	50%	50%
Activity: CL000617, Tram Support Tower #10	0%	50%	50%
Activity: CL000702, Clean up of Debris Field #2	5%	5%	10%
Activity: CL000603, Tram Tower #3	0%	25%	25%
Activity: CL000603, Tram Tower #4	0%	25%	25%
Activity: CL000603, Tram Tower #5	0%	25%	25%
Activity: CL000603, Tram Tower #6	0%	25%	25%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Two mechanics worked on repair of equipment, an off day for remainder of crew.

Summary of Materials Removed as of Work Month Ending July 30/31, 2005:

Soil (CLINs 14 and 15)

Date Weighed	Tonnage	Location
July 14	30.53	Bldg 1001 MEC (Site 31)
July 15	33.415	Bldg 1001 MEC
July 16	47.035	Bldg 110 (Site 14)
July 18	49.08	Bldg 110 and Bldg 98 (Site 14)
July 21	11.63	Bldg 110 and Site 7 (includes CLIN 15 additional soil excavation at Site 7E and Site 13E)
July 22	16.98	Bldg 110 and Site 7 (includes CLIN 15 additional soil excavation at Site 7A)
Total	188.67	

Concrete (CLINs 10 and 16)

Date Weighed	Tonnage	Location
July 8	62.595	Bldg 1001 MEC
July 10	63.38	Bldg 1001 MEC, Bldg 108 & Bldg 109
July 16	15.10	Bldg 110
July 19	13.97	Bldg 110
July 30	8.07	Bldg 110 and Upper Mountain
Total	163.115	

CLIN 8

Date Weighed	Tonnage	CLIN Activity
July 30	9.05	802
Sub Total	9.05	Beach Debris
July 14	15.841	804 (CAT)
July 16	12.125	804
July 19	22.04	804
July 21	10.77	804 (Boiler)/Asbestos Containing Material
July 25	57.262	804
July 29	14.095	804
July 30	80.642	804
Sub Total	212.775	Scrap Metal AFS Ops Area
July 14	27.76	806
Sub Total	27.76	Cummins Engines
Total CLIN Tonnage	249.585	

CLIN 9

Date Weighed	Tonnage	CLIN Activity
7/21	12.64	911 & 913
Sub Total	12.64	Armored Cable AFS Ops Area
7/29	5.113	909
7/30	2.55	909
Sub Total	7.663	
Total CLIN Tonnage	20.303	

CLIN 9 89.9 ton
- 20.3

69.6 tons

Picked up - but
not in con ops

Comments:

- None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed	Activity	Date Completed	Activity	Date Completed	Activity	Date Completed
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602.	7/29/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

8/1/05
Date

Bollu Gehel
Site Superintendent Signature

8-1-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A

Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

Crew day-off; some maintenance work on equipment accomplished. Catch-up computer work for the QAR. Weather predicted to be favorable for tomorrow for slope work.

QA Safety Inspections/Observations not noted in above comments:

D.A. Mills *AGE/* *02 Aug.*
QAR *'05*

QAR Signature Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 1 1/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 1 1/4" steel cables. Some above and on grd.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000616-6	Line Support Tower #9. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000617-6	Line Support Tower #10. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000618-6	Line Support Tower #11. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 038

Date or Time Period
Monday August 1, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 55-60

AM: Dense fog, calm winds.

PM: Sunny, calm winds.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No.
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Felled and removed Tram Towers #3, #4, #5, #6 and #7 to Lower Tram area.3. Felled Line Support Towers #4, #5, #6, #7, #8, and #9.4. Removed Cables/Wires (2) from Lower to Upper Tram Buildings.5. Total personnel: 20.

Manpower On Site

Personnel	Classification	Monday	Hours	Off Island
BEESC				
Steve Johnson	Project Manager	8-1-05		
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator			
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		0	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
TERRA SURVEYS				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								6	6
Ford Lube/Fuel Tk	50-201	9							73.5	97.5
Ottawa Yard Goat-5 th wheel	50-320								1	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329								78.5	96.5
Kenworth Tractor-5 th wheel	50-330								45	65
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351								29	48
Marooka MST 2200 Flatbed w/reel	50-352								60	84.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								0	8

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501								87	121.5
Cat 988B loader w/bucket & forks	50-505								72	98
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800								31.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	10							7	12
Cat D8K Winch Cat	51-101	10							11	20
Hitachi EX300LC Excavator	51-200								21.5	41.5
Hitachi EX120 Excavator	51-204								140	164

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	27	28
Activity: CL000804, Scrap Metal Removal	80.642	132.135	85.11% (212.775)
Activity: CL000503, 2-Inch Wire Removal	0%	25%	25%
Activity: CL000508, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000510, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000608, Tram Support Tower #1	0%	50%	50%
Activity: CL000609, Tram Support Tower #2	0%	50%	50%
Activity: CL000617, Tram Support Tower #10	0%	50%	50%
Activity: CL000702, Clean up of Debris Field #2	0%	10%	10%
Activity: CL000603, Tram Tower #3	25%	25%	50%
Activity: CL000604, Tram Tower #4	25%	25%	50%
Activity: CL000605, Tram Tower #5	25%	25%	50%
Activity: CL000606, Tram Tower #6	25%	25%	50%
Activity: CL000607, Tram Tower #7		50%	50%
Activity: CL000501, Cable/Wire between L. and U. Mtn Tram Bldg		50%	50%
Activity: CL000502, Cable/Wire between L. and U. Mtn Tram Bldg		50%	50%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Towers and Cable/Wires were pulled from mountain to Lower Tram Building area where they are to cut and placed in connexes for subsequent off island transport.
- All concrete and soil removed to date has been placed in Baker Boxes and are staged at Cargo Beach waiting off island transport.
- Cargo transport manifests completed.
- Jacob Olanna discharged from labor crew for personal reasons. Scheduled to return to Savoonga on next charter flight off island.

Comments:

- None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed	Activity	Date Completed	Activity	Date Completed	Activity	Date Completed
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602.	7/29/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

The first day of August; the 0700 hours morning Safety Tailgate was held under overcast skies and a heavy area fog; Some moisture left over from early morning precipitation. The evening light misting helps inn wetting the road dust and keeping it down. Fog lifted by mid-day for a largely sunny afternoon. Crew was largely assigned to the mtn slope and the Tram towers that were prep'ed in frame cutting Saturday.

As reported, this morning the crew once again walked down the tramline from the Upper Tram area, and Tram towers No. 3 thru 7 were dropped according to plan and several of the support towers either dropped or prep'ed for the next day. As mtn fog lifted about 1100 hours, QAR observed the felled and conjoined Tram towers 3 thru 7 being pulled from the slope by coordinated bulldozers to the mtn base staging area. The towers were staged in the vacated spot where towers 1 & 2 had been cut apart and packaged (QA photos obtained). These frames and some retrieved cables shall be commenced in cutting for packaging, tomorrow.

The QAR also walked and photo'ed the West slope of Site 7. The RFP and Work Plan cited the East slope of this site with an estimated 50-ton retrieval limit, but the QAR noted that substantial exposed debris, inclusive of an airplane fuel tank and other large variety containers, heaters, or boilers, exist on this opposite Western slope. Those photos are to be transmitted to the PDT, separately. It appears to the QAR that without excavation, the 50-ton limit can be easily reached on the East slope alone.

Good job again today by the crew who negotiated the difficult slope. Landing craft is due to the island tomorrow afternoon or evening. Safety observed throughout.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *AL/E/QAR*

QAR Signature

Date

Supervisor's Initials

Date

02 Aug.
05

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anchorage.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above ground supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above and on grd.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate. 3 lines of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000616-6	Line Support Tower #9. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000617-6	Line Support Tower #10. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000618-6	Line Support Tower #11. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris (mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 1/2" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 1/2" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/01/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with steep slopes, unstable rock talus surface
Level D PPE
Heavy equipment operation stressed laborer/operator communication
Fire drill results evaluated, points of improvement noted
General site safety rules reviewed

Clin No: CL000603, 4, 5, 6 and 7-6

Task to be accomplished: Removal of towers 3,4,5,6 and 7.

Observations/Comments: Work commenced with the prep of Tower 7. Prep for all remaining towers was completed on 07302005. The existing cables attached to each tower were used to facilitate the removal process. Communications between the labor crew and operators was controlled by the Site Foreman. The chain of events started with the completion of the prep work on tower 7. As the last leg of the tower was scored to ease removal, the crew noticed an increase of tension in the overhead cables. The crew relocated to a safety area. Within a minute of moving, gravity and weight of the overhead cables brought down tower 7. This caused a chain reaction bringing down towers 6 and 5. At this point towers 3 and 4 remained standing. The tow provided by (2) bull dozers was all that was needed to bring down the remaining towers. All towers were towed to the lower tram area awaiting disassemble. PPE level D was observed and maintained by all.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 039

Date or Time Period
Tuesday August 2, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 55-60

AM: Low to moderate cloud ceiling, calm winds.

PM: Partly cloudy, calm winds.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No.
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and SafetyWorker protection levels this date: Level B Level C Level D Modified Level D Was any work activity conducted within a confined space? Yes No N/A Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A Were approved decontamination procedures used on workers and equipment as required? Yes No N/A Was a Job Safety Meeting held this day? Yes No N/A Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. 2 BEESC personnel (Pederson, and Wheeler) and 1 DOT weigh scale inspector arrive on island by air charter.3. 1 BEESC personnel (Olanna) and 1 DOT weigh scale inspector left island.4. Initiated cutting and loading into connexes of Tram Towers #3, #4, #5, #6, and #7.5. Felled Line Support Towers #3 and #5.6. Prepared for the removal of remaining cables/wires and Line Support Towers #3, #4, #5, #6, #7, #8 and #9.7. Initiated clean up at Debris Field #1 and continued clean up at Debris Field #2 on the Upper Mountain.8. Total personnel: 21.

Manpower On Site

Personnel	Classification	Tuesday	Hours	Off Island
BEESC				
		8-2-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		14	
Hank Seipt	CQCSM		14	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		14	
Larry Pederson	Environmental Sampler		8.5	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		14	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		8.5	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Jacob Olanna	Laborer		0	Today
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
DOT				
Steven Pocock	DOT Weigh Inspector		0.5 Day	Today
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy TrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								6	6
Ford Lube/Fuel Tk	50-201	9	4						73.5	97.5
Ottawa Yard Goat-5 th wheel	50-320								1	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329								78.5	96.5
Kenworth Tractor-5 th wheel	50-330		2						45	65
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351		5						29	48
Marooka MST 2200 Flatbed w/reel	50-352		5.5						60	84.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								0	8

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501								87	121.5
Cat 988B loader w/bucket & forks	50-505		9						72	98
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800								31.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	10							7	12
Cat D8K Winch Cat	51-101	10	2						11	20
Hitachi EX300LC Excavator	51-200		11						21.5	41.5
Hitachi EX120 Excavator	51-204		4						140	164

Materials Received to be Used on or Incorporated into Site

One charter air flight arrived carrying personnel, their work-related possessions, and Ensys chemical (PCB) screening kits.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact? Yes No

Are there any Government-caused delays or potential finding of fact? Yes No

Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	28	29
Activity: CL000804, Scrap Metal Removal	80.642	132.135	85.11% (212.775)
Activity: CL000503, 2-Inch Wire Removal	0%	25%	25%
Activity: CL000508, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000510, Wire Bundle (3 Wires) Removal	0%	25%	25%
Activity: CL000608, Tram Support Tower #1	0%	50%	50%
Activity: CL000609, Tram Support Tower #2	0%	50%	50%
Activity: CL000617, Tram Support Tower #10	0%	50%	50%
Activity: CL000703, Clean up of Debris Field #2	5%	10%	15%
Activity: CL000603, Tram Tower #3	45%	50%	95%
Activity: CL000604, Tram Tower #4	45%	50%	95%
Activity: CL000605, Tram Tower #5	45%	50%	95%
Activity: CL000606, Tram Tower #6	0%	50%	50%
Activity: CL000607, Tram Tower #7	0%	50%	50%
Activity: CL000501, Cable/Wire between L. and U. Mtn Tram Bldg	0%	50%	50%
Activity: CL000502, Cable/Wire between L. and U. Mtn Tram Bldg	0%	50%	50%
Activity: CL000702, Clean up of Debris Field #1			5%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Weigh scale tested and certified by state DOT inspector. Accuracy of scale weighing prior to testing within +/- 20 pounds. No correction factor was required for transport containers weighed to date.
- 2 BEESC personnel arrived on island and 1 BEESC personnel left island.
- 1 DOT weigh inspector on island for approximately 1.5 hour inspecting and certifying BEESC weigh scale.
- Loaded 31 containers (7 Baker Boxes of PCB-impacted soil, 7 Baker Boxes of PCB-impacted concrete, and 17 connexes of scrap metal) onto a barge for transport to a designated disposal facilities.
- Completed CLIN Activities CL000603, CL000604, and CL000605.

Comments:

- None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

8/3/05
Date

Rollin Schubert
Site Superintendent Signature

8-3-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Standard concerns iterated at the 0700 hours Safety Tailgate. Morning fog burned off, then the bowl fogged-up again in the early afternoon. Work at the Upper Tram area proceeded as described both at the debris areas and the support towers prep'. By day-end, the support towers and affiliated cables are reportedly almost ready to be pulled down the mtn slope, tomorrow Wednesday, 03 August. As reported; today's activity completes CLIN's 603 thru 605 (Tram Towers 3 thru 5). Another good day by the crew on the slopes.

ADOT Weights & Measures rep' confirmed the truck scale today. The Tram Towers pulled from the slope yesterday, were continued in demo' and packaging today with the large excavator using hydraulic shears at the mtn base staging area. QAR also wrapped-up the review for signatures of the 31 needed Non-Haz' Manifests in PCB-impacted soil and separated concrete; also steel debris waste. QAR reviewed an NPA-15 draft for the next Pay Estimate No. 003. Barge arrived at 1930 hours and QAR observed the commencement of the loading of 31 steel Baker boxes & connexes. More QA photos obtained.

The tele-conference typically held on Tuesdays (today) is to be held tomorrow Wednesday, 03 August at 0900 hours. Delay is due to the coincidental travel plan for members of the PDT to visit Gambell for a mtg today. They shall dial-in to the tele-conference tomorrow from Gambell.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *ALB*
QAR

QAR Signature

03 Aug.
05

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grd supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above and on grd.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000616-6	Line Support Tower #9. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000617-6	Line Support Tower #10. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000618-6	Line Support Tower #11. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris (mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/02/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with steep slopes, unstable, damp rock talus surface
Level D PPE
Heavy equipment operation, three point entry and exit form machinery
Spill prevention response---in the event of a spill 1) evacuate the area and contact Site Supervisor, 2) follow emergency response plan (determined source and, if safely possible, stem flow) including transport of any victims to emergency center, 3) contact USACE for any regulatory reporting.
General site safety rules reviewed

Clin No: CL000702-7

Task to be accomplished: Removal of miscellaneous materials from debris field #1

Observations/Comments: Debris field #1 is located on the north slope of the upper mountain area. The approximate range of the debris field extends from the former location of tower 7 – tower 5. Observed the collections of wood, construction debris, cables and materials associated with the removal of the tram towers. Ground personnel collected and consolidated materials for the excavator. The excavator placed the consolidated debris in the Morooka which transported the materials down the mountain. The Morooka proceeded to the scale where debris weight was verified and documented. Materials were then staged pending containerization for off island transport. Prescribed PPE level was D



Northland Services

MARINE TRANSPORTATION

202883

P.O. BOX 24527 • SEATTLE, WA 98124
(206) 763-3000 (800) 426-3113 FAX: (206) 767-5579

STRAIGHT BILL OF LADING – SHORT FORM

ORIGINAL – NOT NEGOTIABLE

BILL OF LADING INSTRUCTIONS AS GIVEN BY SHIPPER OR HIS REPRESENTATIVE

DATE 11/15/2008	BOOKING NO.	VESSEL AND VOYAGE NO. CANTON	NSI CONTROL NOL.
PORT OF LOADING Seattle, WA	PORT OF DISCHARGE Anchorage, AK	DESTINATION Anchorage, AK	BEYOND CARRIER
CONSIGNEE Northland Services	SHIPPER Boreal Environmental	COLLECT <input type="checkbox"/> PREPAID <input type="checkbox"/> OTHER <input type="checkbox"/> Please Specify	
BILL TO: Please show complete address - include zip Boreal Environmental 11500 Anchorage, AK 99508			
TELEPHONE (206) 763-3000	TELEPHONE (907) 503-0013		

INCOMING CARRIER _____ INCOMING CARRIER'S ADVANCE CHARGES: \$ _____

CONTAINER OR P.F.	NO. OF PIECES	KIND OF PACKAGE	COMMODITY DESCRIPTION	GROSS WEIGHT
ONE 383507	1	Drum	Scrap Metal	3230
ONE 383508	1	Drum	Scrap Metal	4150
ONE 383509	1	Drum	Scrap Metal	2920
ONE 383510	1	Drum	Scrap Metal	2780
ONE 383511	1	Drum	Scrap Metal	3040
ONE 383512	1	Drum	Scrap Metal	3130
ONE 383513	1	Drum	Scrap Metal	2480
ONE 383514	1	Drum	Scrap Metal	2060
ONE 383515	1	Drum	Scrap Metal	2010
ONE 383516	1	Drum	Scrap Metal	1750
ONE 383517	1	Drum	Scrap Metal	2750
ONE 383518	1	Drum	Scrap Metal	2670
ONE 383519	1	Drum	Wire (copper)	2300

In accepting this bill of lading the shipper agrees that the custody and carriage of the goods identified shall be subject to the terms and conditions of this bill of lading and carrier's tariff or applicable contract of affreightment, which shall govern the relations, whatsoever they may be, between the carrier and the shipper, owner and/or consignee of the goods, in every contingency and whensoever occurring.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

SHIPPER: _____ DATE: _____ BY: _____

It is declared that the packing of the container has been carried out in accordance with the provisions of 49 CFR 17 _____).

SHIPPER: _____ DATE: _____ BY: _____

NSI RECEIVING STAMP

Date: _____

Received By: _____

Quantity: _____

Equipment Number: _____

Where rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. THE AGREED OR DECLARED VALUE OF THE PROPERTY IS HEREBY SPECIFICALLY STATED BY THE SHIPPER TO BE NOT EXCEEDING \$ _____ PER _____.

WHITE – Original CANARY – Wharf Copy PINK – Memo Copy GOLDENROD – Memo Copy

P.O. BOX 24527 • SEATTLE, WA 98124
 (206) 763-3000 (800) 426-3113 FAX: (206) 767-5579

STRAIGHT BILL OF LADING – SHORT FORM
 ORIGINAL – NOT NEGOTIABLE

BILL OF LADING INSTRUCTIONS AS GIVEN BY SHIPPER OR HIS REPRESENTATIVE

DATE	BOOKING NO.	VESSEL AND VOYAGE NO.	NSI CONTROL NOL.
PORT OF LOADING	PORT OF DISCHARGE	DESTINATION	BEYOND CARRIER
CONSIGNEE		SHIPPER	COLLECT <input type="checkbox"/> PREPAID <input type="checkbox"/> OTHER <input type="checkbox"/> Please Specify
			BILL TO: Please show complete address - include zip
TELEPHONE		TELEPHONE	

INCOMING CARRIER _____ INCOMING CARRIER'S ADVANCE CHARGES: \$ _____

CONTAINER OR P.F.	NO. OF PIECES	KIND OF PACKAGE	COMMODITY DESCRIPTION	GROSS WEIGHT
	1	Case	Over to Set	
	1	Case	Computer Set	
	1	Case	Scrap Metal	
	1	Case	Scrap Metal	

In accepting this bill of lading the shipper agrees that the custody and carriage of the goods identified shall be subject to the terms and conditions of this bill of lading and carrier's tariff or applicable contract of affreightment, which shall govern the relations, whatsoever they may be, between the carrier and the shipper, owner and/or consignee of the goods, in every contingency and whensoever occurring.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

SHIPPER: _____ DATE: _____ BY: _____

It is declared that the packing of the container has been carried out in accordance with the provisions of 49 CFR 171.15(c).

SHIPPER: _____ DATE: _____ BY: _____

NSI RECEIVING STAMP

Date: _____

Received By: _____

Quantity: _____

Equipment Number: _____

Where rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. THE AGREED OR DECLARED VALUE OF THE PROPERTY IS HEREBY SPECIFICALLY STATED BY THE SHIPPER TO BE NOT EXCEEDING \$ _____ PER _____.

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE003		2. Page 1 of 3	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental			
4. Generator's Phone (907) 353-7850							
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		D. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812				10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
				F. Facility's Phone 541-454-2030			
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT				No. 01	Type CM	30,440	P
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300. Conex # PNWS 8005							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
<i>USACE / QAR ON BEHALF OF USACE/PDR</i>							
Printed/Typed Name <i>STEVE A. "SAM" MILLS</i>				Signature <i>S.A. Mills</i>		Date Month Day Year <i>8 10 05</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name <i>James P. Cunningham</i>				Signature <i>[Signature]</i>		Date Month Day Year <i>8 10 05</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name				Signature		Date Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name				Signature		Date Month Day Year	

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE011		2. Page 1 of 3					
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066											
4. Generator's Phone (907) 353-7850				c/o Bristol Environmental							
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113					
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113					
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812				10. US EPA ID Number ORD 987 173 457		E. State Facility's ID					
				F. Facility's Phone 541-454-2030							
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	14. Unit Wt./Vol.				
				No.		Type					
				a.		Material not regulated by DOT		01	CM	16,140	P
				b.							
				c.							
d.											
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC				H. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300. Conex # PNWS 8093											
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.											
Printed/Typed Name STEVE A. "SAM" MILLS				Signature S.A. Mills		Date 8 10 05					
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature James P. Cunningham		Date 8 10 05					
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date					
19. Discrepancy Indication Space											
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.											
Printed/Typed Name				Signature		Date					
						Month Day Year					

NON-HAZARDOUS WASTE GENERATOR

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE018	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental	
4. Generator's Phone (907) 353-7850				A. State Transporter's ID	
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR		10. US EPA ID Number ORD 987 173 457		D. Transporter 2 Phone 800-426-3113	
				E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT			No. Type		
			01 CM	33,960	P
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl AKOXXXXXXXXXXXX BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMPREC at 800-424-9300. Baker box # PNWS 8130					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name STEVE A. "SAM" MILLS		Signature S. A. MILLS		Date 8/10/05	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature James P. Cunningham		Date 8/12/05	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name		Signature		Date	

NON-HAZARDOUS WASTE GENERATOR



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE021		2. Page 1 of 2X 3			
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental					
4. Generator's Phone (907) 353-7850									
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113			
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113			
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR				10. US EPA ID Number ORD 987 173 457		E. State Facility's ID			
				F. Facility's Phone 541-454-2030					
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	14. Unit Wt./Vol.		
				No.		Type			
				a.					
				Material not regulated by DOT		01 CM		23,260	P
				b.					
c.									
d.									
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC				H. Handling Codes for Wastes Listed Above					
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl XXXXXXXXXXXXXXXXXXXX BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMPREC at 800-424-9300. Baker box # PNWS 8120									
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.									
Printed/Typed Name STEVE A. "SAM" MILLS				Signature <i>S.A. Mills</i>		Date Month Day Year 8 10 105			
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name <i>James P. Cunningham</i>				Signature <i>[Signature]</i>		Date Month Day Year 8 12 05			
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature		Date Month Day Year			
19. Discrepancy Indication Space									
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.									
Printed/Typed Name				Signature		Date Month Day Year			

NON-HAZARDOUS WASTE GENERATOR



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE013		2. Page 1 of 3	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental			
4. Generator's Phone (907) 353-7850							
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR				10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
				F. Facility's Phone 541-454-2030			
11. WASTE DESCRIPTION a. Material not regulated by DOT b. c. d.				12. Containers		13. Total Quantity	14. Unit Wt./Vol.
				No.	Type	33,800	P
				01	CM		
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl XXXXXXXXXXXXXXXXXX BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. XXXXXX PNWS 8121 Baker box							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations. <div style="text-align: center; font-size: 1.2em; font-weight: bold;">USACOE/QAR ON BEHALF OF USACOE/</div>							
Printed/Typed Name STEVE A. "SAM" MILLS				Signature S.A. Mills		Date 8/10/05	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name James P. Cunningham				Signature [Signature]		Date 6/22/05	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name				Signature		Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name				Signature		Date	

NON-HAZARDOUS WASTE GENERATOR

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE008		2. Page 1 of 3	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental			
4. Generator's Phone (907) 353-7850							
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 987 173 457		E. State Facility's ID		F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	14. Unit Wt./Vol.
a. <input checked="" type="checkbox"/> Material not regulated by DOT				01 CM		30,190	P
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300. Conex# PNWS 8141							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name STEVE A. "SAM" MILLS				Signature <i>S.A. MILLS</i>		Date 8/10/05	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>James P. Cunningham</i>		Date 8/02/05	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name				Signature		Date	

NON-HAZARDOUS WASTE GENERATOR



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE019		2. Page 1 of 2 3					
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental							
4. Generator's Phone (907) 353-7850											
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113					
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113					
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR		10. US EPA ID Number ORD 987 173 457		E. State Facility's ID		F. Facility's Phone 541-454-2030					
11. WASTE DESCRIPTION a. Material not regulated by DOT b. c. d.				12. Containers		13. Total Quantity		14. Unit Wt./Vol.			
				No.		Type					
				01		CM		33,190		P	
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC				H. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl XXXXXXXXXXXXXXXXXXXX BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. Baker Box # PNWS 8081											
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.											
Printed/Typed Name STEVEN A. "SAM" MILLS				Signature S.A. MILLS		Date 8/10/05		Date Month Day Year			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name James P. Cunningham				Signature [Signature]		Date 8/15/05		Date Month Day Year			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Date		Date Month Day Year			
19. Discrepancy Indication Space											
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.											
Printed/Typed Name				Signature		Date		Date Month Day Year			

NON-HAZARDOUS WASTE GENERATOR

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE012	2. Page 1 of XX 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066					
4. Generator's Phone (907) 353-7850				c/o Bristol Environmental	
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR 9 812		10. US EPA ID Number ORD 987 173 457		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
				E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a.			No.	Type	
X Material Not Regulated by DOT			01	CM	33,030 P
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of XXXXXX date 07/16/05. Profile # 2320VC			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl XXXXXXXXXXXXXXXXXXXX BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. XXXXXXXX PNWS 8127 Baker box					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name USACE/OAR ON BEHALF OF USACE/ROD STEVE A. "SAM" MILLS		Signature S.A. MILLS		Date 8/10/05	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name James P. Cunningham		Signature J.P.C.		Date 8/10/05	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name		Signature		Date	

NON-HAZARDOUS WASTE

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NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE010		2. Page 1 of 3					
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental							
4. Generator's Phone (907) 353-7850											
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113					
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113					
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 987 173 457		E. State Facility's ID		F. Facility's Phone 541-454-2030					
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity		14. Unit Wt./Vol.			
				a.		No. Type					
				Material not regulated by DOT		01 CM		27,940		P	
				b.							
				c.							
d.											
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC				H. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300. Conex# PNWS 8084											
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.											
Printed/Typed Name STEVE A. "SAM" MILLS				Signature <i>S.A. Mills</i>		Date 8/10/05					
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>James P. Cunningham</i>		Date 8/10/05					
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date					
19. Discrepancy Indication Space											
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.											
Printed/Typed Name				Signature		Date					

NON-HAZARDOUS WASTE GENERATOR

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE002		2. Page 1 of 3	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066							
4. Generator's Phone (907) 353-7850				c/o Bristol Environmental			
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812				10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
				F. Facility's Phone 541-454-2030			
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity	14. Unit Wt./Vol.	
			No.	Type			
a. Material not regulated by DOT			01	CM	31,820	P	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300. Conex # PNWS 8077							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
LIBACOE / QAR ON BEHALF OF LIBACOE / ROD				Date			
Printed/Typed Name STEVE A. "SAM" MILLS		Signature S.A. Mills		Month 8		Day Year 10/05	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name James P. Cunningham		Signature [Signature]		Month 8		Day Year 02/05	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name		Signature		Month		Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name				Signature		Date	
						Month Day Year	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

FACILITY



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE022 NE022	2. Page 1 of 2 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066			c/o Bristol Environmental	
4. Generator's Phone (907) 353-7850				
5. Transporter 1 Company Name NORTHLAND SERVICES	6. US EPA ID Number WAD 981 773 005	A. State Transporter's ID		
		B. Transporter 1 Phone 800-426-3113		
7. Transporter 2 Company Name NORTHLAND SERVICES	8. US EPA ID Number WAD 981 773 005	C. State Transporter's ID		
		D. Transporter 2 Phone 800-426-3113		
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR		10. US EPA ID Number ORD 987 173 457	E. State Facility's ID	
		F. Facility's Phone 541-454-2030		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT		No. 01 Type CM	29,470	P
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl XXXXX WAINWRIGHT CAPE BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. Baker box# PNWS 8024				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name STEVE A. "SAM" MILLS		Signature <i>S.A. Mills</i>		Date Month Day Year 8 01 05
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name <i>James P. Cunningham</i>		Signature <i>James P. Cunningham</i>		Date Month Day Year 8 02 05
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Date Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name		Signature		Date Month Day Year

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

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NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AK0 000 228 395		Manifest Document No. NE004		2. Page 1 of 3					
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental							
4. Generator's Phone (907) 353-7850											
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID							
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113							
				C. State Transporter's ID							
				D. Transporter 2 Phone 800-426-3113							
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 987 173 457		E. State Facility's ID							
				F. Facility's Phone 541-454-2030							
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity					
				No.		Type		Unit			
								Wt./Vol.			
				a.							
				b.							
c.											
d.											
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile # 2321VC				H. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300. Conex# PNWS 8006											
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations. USACE/ OAR ON BEHALF OF USACE/POD											
Printed/Typed Name STEVE A. "SAM" MILLS				Signature <i>S.A. Mills</i>		Date Month Day Year 8 10 05					
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>James P. Cunningham</i>		Date Month Day Year 8 02 05					
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date					
Printed/Typed Name				Signature		Date					
19. Discrepancy Indication Space											
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.											
Printed/Typed Name				Signature		Date					
						Month Day Year					

NON-HAZARDOUS WASTE GENERATOR



DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 040

Date or Time Period
Wednesday August 3, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 50-55

Temp High: 55-60

AM: Moderate cloud ceiling, calm winds.

PM: Partly cloudy, calm winds.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No.
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Completed cutting and removal of Tram Towers #6 and #7.3. Removed all remaining cables and wires from Tram system.4. Initiated spooling and cutting removed cables and wires.5. Removed Line Support Towers #3, #4, #5, #6, #7, #8 and #9.6. Continued clean up of Debris Fields #1 and #2 on the Upper Mountain.7. Completed laying out concrete sample location grids at Buildings 108 and 109.8. Total personnel: 21.

Manpower On Site

Personnel	Classification	Wednesday	Hours	Off Island
BEESC		8-3-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
DOT				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								6	6
Ford Lube/Fuel Tk	50-201	9	4	4					73.5	97.5
Ottawa Yard Goat-5 th wheel	50-320								1	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329								78.5	96.5
Kenworth Tractor-5 th wheel	50-330		2						45	65
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351		5	2					29	48
Marooka MST 2200 Flatbed w/reel	50-352		5.5	10					60	84.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								0	8

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501								87	121.5
Cat 988B loader w/bucket & forks	50-505		9						72	98
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800								31.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	10		7					7	12
Cat D8K Winch Cat	51-101	10	2	10					11	20
Hitachi EX300LC Excavator	51-200		11	8					21.5	41.5
Hitachi EX120 Excavator	51-204		4	10					140	164

Materials Received to be Used on or Incorporated into Site

One Bobcat loader arrived by barge.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No
-

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	29	30
Activity: CL000804, Scrap Metal Removal	80.642	132.135	85.11% (212.775)
Activity: CL000501, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	0%	50%	50%
Activity: CL000502, , Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	0%	50%	50%
Activity: CL000503, Removal of 2" Diameter Armored Wire between L. and U. Mtn Tram Bldg	25%	25%	50%
Activity: CL000504, Removal of 2.25" Diameter Armored Wire between L. and U. Mtn Tram Bldg			50%
Activity: CL000505, Removal of 0.5" Diameter Steel Cable between L. and U. Mtn Tram Bldg			50%
Activity: CL000506, Removal of 1.25" Diameter Steel Support Cable between L. and U. Mtn Tram Bldg			50%
Activity: CL000507, Removal of 0.75" Diameter Black Wire between L. and U. Mtn Tram Bldg			50%
Activity: CL000508, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	25%	25%	50%
Activity: CL000509, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg			50%
Activity: CL000510, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg between L. and U. Mtn Tram Bldg	25%	25%	50%
Activity: CL000511, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg			50%
Activity: CL000512, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg			50%
Activity: CL000513, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg			50%
Activity: CL000514, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg			50%
Activity: CL000515, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg			50%
Activity: CL000516, Removal of 0.5" Diameter Black Wire between L. and U. Mtn Tram Bldg			50%
Activity: CL000517, Removal of #14 Black Wire between L. and U. Mtn Tram Bldg			50%
Activity: CL000518, Coiled 1" Diameter Black Wire near Tram Tower #1			50%
Activity: CL000608, Line Support Tower #1	0%	50%	50%

Activity: CL000609, Line Support Tower #2	0%	50%	50%
Activity: CL000610, Line Support Tower #3			50%
Activity: CL000611, Line Support Tower #4			50%
Activity: CL000612, Line Support Tower #5			50%
Activity: CL000613, Line Support Tower #6			50%
Activity: CL000614, Line Support Tower #7			50%
Activity: CL000615, Line Support Tower #8			50%
Activity: CL000616, Line Support Tower #9			50%
Activity: CL000617, Line Support Tower #10	0%	50%	50%
Activity: CL000702, Clean up of Debris Field #1		5%	5%
Activity: CL000703, Clean up of Debris Field #2	5%	15%	20%
Activity: CL000606, Tram Tower #6	45%	50%	95%
Activity: CL000607, Tram Tower #7	45%	50%	95%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- All tram towers, line support towers, wires, and cables have been removed between the former lower and upper tram buildings.
- Completed CLIN Activities CL000606 and CL000607.

Comments:

- None
-

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijt
CQCSM Signature

8/4/05
Date

Rollie Godel
Site Superintendent Signature

8-4-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Standard issues iterated at the 0700 hours Safety Tailgate. Crew enjoyed good working weather under largely overcast skies and light breezes. Although not mentioned in the Contractor's Daily summary, PM Carey Cossaboom called into the 0900 hours Weekly Tele-conference from Gambell (Delayed since yesterday, Tuesday). Agenda produced by the Contractor completely covered.

Work proceeded as reported. Debris pick-up on-going at mtn-top obscured by fog – poor for photos. Remainder of Tram towers packaged at Lower Tram slope staging area with large excavator/hydraulic shears. QA photos obtained at the cable-cutting process at lower slope; cables are laid-out; Support towers are cut from the cables and lined out separately; Cables are cut to desired lengths with metal-cutting saws; Spooled and metal-banded using the outfitted Marooka. Nice methodical work. Safety observed throughout. Regional Native rep's due onto the site tomorrow Thursday, 04 August, weather permitting, roughly noontime.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills ALGE / QAR

QAR Signature

Date

Supervisor's Initials

Date

04 AUG. 05

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above and on grnd.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000616-6	Line Support Tower #9. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000617-6	Line Support Tower #10. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000618-6	Line Support Tower #11. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/03/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with steep slopes, unstable, damp rock talus surface
Level D PPE
Heavy equipment operation, three point entry and exit from machinery
Emergency response---evacuation notification is three blasts with air horn, evacuation placard posted on all unit doors denotes camp evacuation routes, common meeting area west of camp between buildings and airport runway, camp service personnel responsible for seeing that all personnel out of the camp buildings.
General site safety rules reviewed

Clin No:

Task to be accomplished: Removal of remaining communications support towers and cables associated with tram towers, communications and other support functions.

Observations/Comments: Final preparation of communications support towers was completed on 08022005. A wire rope sling was constructed and attached to the support cables. The sling was connected to the tow vehicle (bull dozer). The tow was initiated approximately 300' southwest of the former lower tram building. A safety observer was stationed approximately 200' above the tow start point and adjacent to the intended line of pull. The safety observer verified the tow was free of obstructions, undue tension and account for communications support towers. The area surrounding the former tram tower #2 locations was a concern. (2) Concrete tower footings were positioned directly in the path of communications support towers attached to the tow cables. After removal of the down hill footing, cables were redirected, reattached and the tow commenced. Completion of the tow was achieved when the ends of the cables reached beyond the foundation of the lower tram building. Level of PPE prescribed for days activities was level D.

WEEKLY MEETING

AUGUST 3, 2005

09:00-09:30

NE Cape: R. Goebel, H. Seipt, T. Peterson, and S. Mills

BEESC Anchorage: S. Johnson, C. Croley, and P. Curl

USACE: P. Schneider, C. Cossaboom and L. Geist

BEESC AGENDA

1. Progress for the Week

A. R. Goebel

Removal of Tram Towers---all tied together and removed at one time

Barge--- 31 containers (approximately 50 tons) removed on 8/2

DOT certification of weigh scale---test indicated no correction needed to previously weighed material

Upper Mountain debris pick up---to be completed as weather permits

Estimate field work to be finished sometime between 8/19-26

B. T. Petersen

Review of health and safety issues related to Upper Mountain work

C. P. Curl

Waste transport---all waste shipped classified as non-hazardous, waste tracking forms will be completed

B. S. Johnson

ACM/Boil Issue---BEESC to handle with no additional cost increase to USACE.

PCB-impacted soil---Ensys screening and analytical laboratory confirmation indicates PCB-impacted soil remains at Sites 7, 13, 14, and 31. 14 tons still to be removed as per contract. Likely site to remove remaining soil are Site 13C, 13D, and at soil sample site 109 that was located beneath the Room F concrete slab at Site 31.

Subject of possibility of exchanging unused Field Overhead costs for additional material removal was proposed. USACE stated transaction possible and likely material would be debris as opposed to additional PCB-impacted soil removal.

2. Week's Upcoming Work

A. Off-island removal of up to 20 containers anticipated for August 4.

B. Upper Mountain debris removal.

C. Removal and disposal of line support towers, tram cables, and tram wires.

D. Concrete sampling

E. St. Lawrence Island Visitors ---scheduled for Thursday depending on weather conditions

4. Invoicing

A. S. Johnson stated mentioned question on latest Progress Billing Invoices, but were addressed with USACE representative prior to beginning conference call.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 041

Date or Time Period
Thursday August 4, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 55-60

AM: Cloudy, light precipitation, windy (sustained 15-20 MPH with higher gusts). PM: Cloudy, light to moderate precipitation, high winds (sustained +20 MPH with gusts in excess of 40 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No.
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

- Worker protection levels this date: Level B Level C Level D Modified Level D
- Was any work activity conducted within a confined space? Yes No N/A
- Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A
- Were approved decontamination procedures used on workers and equipment as required? Yes No N/A
- Was a Job Safety Meeting held this day? Yes No N/A
- Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A
- Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Level C PPE utilized by 2 personnel performing concrete sampling. Respiratory fit test completed for both personnel prior to beginning of sampling.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none"> 1. BEESC shift work started at 7:00 hrs. 2. Completed concrete slab sampling at Building 108. 3. Initiated concrete slab sampling at Building 109. 4. Continued cutting Tram system wires and cables that were removed between the former Lower and Upper Tram buildings. 5. Continued clean up of Debris Fields #1 and #2 on the Upper Mountain. 6. Unloaded a Bobcat loader from an arriving barge. 7. Loaded 20 soil (5), concrete (4), and scrap steel (9) filled connexes onto a second barge arriving barge for off-island disposal. 8. Field operations terminated one hour early due to adverse weather conditions (high winds) that created a safety hazard (wind blown material) to personnel. 9. Total personnel: 21.

Manpower On Site

Personnel	Classification	Thursday	Hours	Off Island
BEESC				
Steve Johnson	Project Manager	8-4-05		
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		10	
Hank Seipt	CQCSM		10	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		10	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		10	
Kim Leach	Driver/Operator		10	
Bill Thorton	Operator		10	
John Wheeler	Operator		10	
Olaf Matson	Driver		10	
Rick Beasley	Mechanic		10	
Troy Whitmore	Oiler/Mechanic		10	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		10	
Sam Mokiyuk	Laborer		10	
Truman Kava	Laborer		10	
Paul Rookok	Laborer		10	
Sylvia Toolie	Office Staff		10	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
DOT				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200				2				6	6
Ford Lube/Fuel Tk	50-201	9	4	4	7				73.5	97.5
Ottawa Yard Goat-5 th wheel	50-320								1	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329								78.5	96.5
Kenworth Tractor-5 th wheel	50-330		2						45	65
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351		5	2					29	48
Marooka MST 2200 Flatbed w/reel	50-352		5.5	10	9				60	84.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								0	8

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501				10				87	121.5
Cat 988B loader w/bucket & forks	50-505		9		3				72	98
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800								31.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	10		7					7	12
Cat D8K Winch Cat	51-101	10	2	10					11	20
Hitachi EX300LC Excavator	51-200		11	8	4				21.5	41.5
Hitachi EX120 Excavator	51-204		4	10	9				140	164
BobCat					9					

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact? Yes No

Are there any Government-caused delays or potential finding of fact? Yes No

Are there any unforeseeable or weather-related delays? Yes No

Operations shut down one hour early due to adverse weather (high winds) conditions.

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	30	31
Activity: CL000804, Scrap Metal Removal	80.642	132.135	85.11% (212.775)
Activity: CL000501, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	0%	50%	50%
Activity: CL000502, , Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	0%	50%	50%
Activity: CL000503, Removal of 2" Diameter Armored Wire between L. and U. Mtn Tram Bldg	25%	25%	50%
Activity: CL000504, Removal of 2.25" Diameter Armored Wire between L. and U. Mtn Tram Bldg	10%	50%	60%
Activity: CL000505, Removal of 0.5" Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	50%	60%
Activity: CL000506, Removal of 1.25" Diameter Steel Support Cable between L. and U. Mtn Tram Bldg	10%	50%	60%
Activity: CL000507, Removal of 0.75" Diameter Black Wire between L. and U. Mtn Tram Bldg	10%	50%	60%
Activity: CL000508, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	25%	25%	50%
Activity: CL000509, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	50%	60%
Activity: CL000510, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg between L. and U. Mtn Tram Bldg	25%	50%	50%
Activity: CL000511, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	50%	60%
Activity: CL000512, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	10%	50%	60%
Activity: CL000513, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	50%	60%
Activity: CL000514, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	50%	60%
Activity: CL000515, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	50%	60%
Activity: CL000516, Removal of 0.5" Diameter Black Wire between L. and U. Mtn Tram Bldg	10%	50%	60%
Activity: CL000517, Removal of #14 Black Wire between L. and U. Mtn Tram Bldg	10%	50%	60%
Activity: CL000518, Coiled 1" Diameter Black Wire near Tram Tower #1	10%	50%	60%
Activity: CL000608, Line Support Tower #1	0%	50%	50%

Activity: CL000609, Line Support Tower #2	0%	50%	50%
Activity: CL000610, Line Support Tower #3	0%	50%	50%
Activity: CL000611, Line Support Tower #4	0%	50%	50%
Activity: CL000612, Line Support Tower #5	0%	50%	50%
Activity: CL000613, Line Support Tower #6	0%	50%	50%
Activity: CL000614, Line Support Tower #7	0%	50%	50%
Activity: CL000615, Line Support Tower #8	0%	50%	50%
Activity: CL000616, Line Support Tower #9	0%	50%	50%
Activity: CL000617, Line Support Tower #10	0%	50%	50%
Activity: CL000702, Clean up of Debris Field #1	5%	5%	10%
Activity: CL000703, Clean up of Debris Field #2	5%	20%	25%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Concrete sampling completed utilizing a roto-hammer and steel bit to generate concrete powder that is to be analyzed for PCBs. High winds, as experienced today, significantly slowed sample collection.
- The Bobcat loader that arrived today is to be utilized to load coiled tram cables and wires into connexes.
- Loaded 18 containers (5 Baker Boxes of PCB-impacted soil, 4 Baker Boxes of PCB-impacted concrete, 8 connexes of scrap metal, and one flat of scrap metal) onto a barge for transport to designated disposal facilities.

Comments:

- None
-

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijt
CQCSM Signature

8/5/05
Date

[Signature]
Site Superintendent Signature

8-5-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 1 1/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 1 1/4" steel cables. Some above and on grnd.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000616-6	Line Support Tower #9. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000617-6	Line Support Tower #10. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	
CL000618-6	Line Support Tower #11. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/04/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with steep slopes, unstable, damp rock talus surface
Level D PPE Laborers and Level C PPE for concrete sampling crew
Heavy equipment operation---three point entry and exit form machinery
Respirators Limitations---not to be used when oxygen <19% or IDLH condition exist
General site safety rules reviewed

Worksite ID/Clin No: C10001602-16

SS/Lead and No. of workers: Larry Pederson and Hank Seipt.

Task to be accomplished: Collect concrete samples, (possible PCB contaminated) from pad of former bldg 108.

Observations/Comments: The medical history questionnaire (Appendix A/B) of the Site Specific Health and Safety Plan was required to be completed by Mr. Seipt prior to field activity. Mr. Pederson completed the questionnaires earlier in the field season. Additionally a qualitative fit test utilizing irritant smoke (Stannic Chloride) was administered to both members of the sampling team. An electric drill with ½ bit was used to extract a minimum of 50 grams of concrete powder from 8 separate locations. Drill bits were decontaminated using Alconox and distilled water after each use to prevent the possibility of cross contamination. PPE utilized during the collection of samples was Level C with nitrile chemical resistant gloves. The chemical resistant suit wasn't worn due to wind conditions and threshold level of the concrete to be sampled.

SAFETY OBSERVATION REPORT (SOR)

Date: 8-24-05 Time: 8:20 AM

Person Submitting This Report: L.F. LUNA DENALI

Observation: CHOP SAW CUTTING INTO WIND,
WITH WIND BLOWING IN EXCESS

Action Taken:

Immediate Corrective Action: Cut with wind to back

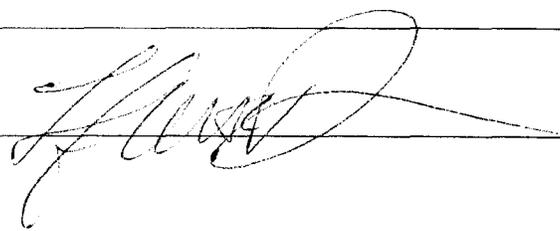
Action to Prevent Recurrence: SAFETY MEETING WITH CREW

Indirect Cause: _____

Corrective Action: _____

Commitment? _____

Further Action or Help Needed? _____

Signature: 

SAFETY OBSERVATION REPORT (SOR)

Date: August 4 Time: 3:00 PM

Person Submitting This Report: H. SEPT

Observation: High winds/wind blown debris
wind picking up and blowing debris
across site

Action Taken: Notified site & site supervisor

Immediate Corrective Action: work terminated early (1 hour)

Action to Prevent Recurrence: monitor wind with gauge

Indirect Cause: Deterioration of weather conditions in field

Corrective Action: obtain updated weather forecasts/monitor conditions

Commitment? Strong flying debris a potential cause of
a serious injury.

Further Action or Help Needed? No. the presence of wind
a constant factor that has been dealt
with in an adequate fashion by BEGSC's
site supervisor.

Signature: H. M. Sept



P.O. BOX 24527 • SEATTLE, WA 98124
(206) 763-3000 (800) 426-3113 FAX: (206) 767-5579

STRAIGHT BILL OF LADING – SHORT FORM
ORIGINAL – NOT NEGOTIABLE

BILL OF LADING INSTRUCTIONS AS GIVEN BY SHIPPER OR HIS REPRESENTATIVE

DATE 3/14	BOOKING NO.	VESSEL AND VOYAGE NO. Morning 3/11/15	NSI CONTROL NOL.
PORT OF LOADING SEA	PORT OF DISCHARGE NONE	DESTINATION SEA	BEYOND CARRIER
CONSIGNEE Bristol Environmental	SHIPPER Bristol Environmental	COLLECT <input type="checkbox"/> PREPAID <input type="checkbox"/> OTHER <input type="checkbox"/> Please Specify	
Frederick 115	2000 W. 1st, Airport Rd, #E-1	BILL TO: Please show complete address - include zip SAME	
100 W. Marginal Way	Meridian, AK 99502	Bristol Environmental	
Seattle, WA		2000 W. 1st, Airport Rd, #E-1	
TELEPHONE	TELEPHONE 907-503-0013	Meridian, AK 99502	

INCOMING CARRIER _____ INCOMING CARRIER'S ADVANCE CHARGES: \$ _____

CONTAINER OR P.F.	NO. OF PIECES	KIND OF PACKAGE	COMMODITY DESCRIPTION	GROSS WEIGHT
2757	1	Connex	Scrap Metal	45,840
NSIU 299233	1	Connex	Scrap Metal	29,280
EISU 507849	1	Connex	Scrap Metal	30,240
AK1106	1	Connex	Scrap Metal	27,760
CHLU 215699	1	Connex	Scrap Metal	25,840
CAIU 618714	1	Connex	Scrap Metal	26,400
HRU 558333	1	Connex	Scrap Metal	28,000
EISU 303047	1	Connex	Scrap Metal	27,000
TRU 567555	1	Flat Bot	D-8' Cat (Scrap Metal)	35,980

In accepting this bill of lading the shipper agrees that the custody and carriage of the goods identified shall be subject to the terms and conditions of this bill of lading and carrier's tariff or applicable contract of affreightment, which shall govern the relations, whatsoever they may be, between the carrier and the shipper, owner and/or consignee of the goods, in every contingency and whensoever occurring.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

SHIPPER: [Signature] DATE: [Date] BY: _____

It is declared that the packing of the container has been carried out in accordance with the provisions of 49 CFR 177.27(c).

SHIPPER: _____ DATE: _____ BY: _____

NSI RECEIVING STAMP

Date: 3/11/15

Received By: [Signature]

Quantity: _____

Equipment Number: _____

Where rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. THE AGREED OR DECLARED VALUE OF THE PROPERTY IS HEREBY SPECIFICALLY STATED BY THE SHIPPER TO BE NOT EXCEEDING \$ _____ PER _____.

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE023		2. Page 1 of 2 3	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental			
4. Generator's Phone (907) 353-7850							
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR				10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
				F. Facility's Phone 541-454-2030			
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	14. Unit WL/Vol.
				No. Type			
a. Material not regulated by DOT				01 CM		31,590	P
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information <input checked="" type="checkbox"/> Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl XXXXXXXXXXXXXXXXXXXX BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. Baker box # PNWS 8071							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name <i>ACOE / GAR ON BEHALF OF USACE / FOD</i> STEVE A. "SAM" MILLS				Signature <i>S. A. Mills</i>		Date 8 01 05	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>Steve Glasman</i>		Date 8 7 05	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date	
19. Discrepancy Indication Space				Signature		Date	
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				Signature		Date	
Printed/Typed Name				Signature		Date	

NON-HAZARDOUS WASTE GENERATOR



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE006		2. Page 1 of 3	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental			
4. Generator's Phone (907) 353-7850							
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812				10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
				F. Facility's Phone 541-454-2030			
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity		14. Unit Wt./Vol.
a. Material not regulated by DOT			No. Type 01 CM		32,880		P
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300. <p style="text-align: right;">Conex# PNWS 8133</p>							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
USACE / QAR ON BEHALF OF USACE / ROD							
Printed/Typed Name STEVE A. "SAM" MILLS		Signature <i>S.A. Mills</i>		Date 8 10 05			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name <i>Steve Glasner</i>		Signature <i>Steve Glasner</i>		Date 8 11 05			
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name		Signature		Date			
19. Discrepancy Indication Space							
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name		Signature		Date			

NON-HAZARDOUS WASTE GENERATOR

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE015	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental	
4. Generator's Phone (907) 353-7850					
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR		10. US EPA ID Number ORD 987 173 457		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
				E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
			No.	Type	Unit Wt./Vol.
a. Material not regulated by DOT			01	CM	32,600
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl AKO 000 228 395 BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. Baker box #PNWS 8064					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name STEVE A. "SAM" MILLS				Signature S.A. MILLS	
				Date 8 10 105	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Steve Glasma			Signature Steve Glasma		Date 8 14 105
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name			Signature		Date
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name				Signature	
				Date	

NON-HAZARDOUS WASTE GENERATOR

NON-HAZARDOUS WASTE MANIFEST

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NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE020		2. Page 1 of 3	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental			
4. Generator's Phone (907) 353-7850							
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR				10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
				F. Facility's Phone 541-454-2030			
11. WASTE DESCRIPTION a. Material not regulated by DOT b. c. d.				12. Containers		13. Total Quantity	14. Unit Wt./Vol.
				No.	Type		
				01	CM	32,370	P
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl Annex of new text BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. Baker box # PNWS 8131							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name STEVE A. "SAM" MILLS				Signature S. A. Mills		Date 8/10/05	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature Steve Glasman		Date 8/14/05	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name				Signature		Date	

NON-HAZARDOUS WASTE GENERATOR



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE017		2. Page 1 of 3	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental			
4. Generator's Phone (907) 353-7850							
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR				10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
				F. Facility's Phone 541-454-2030			
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	14. Unit Wt./Vol.
				No. Type			
a. Material not regulated by DOT				01 CM		30,540	P
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl AKO 000 228 395 BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. Baker box # PNWS 8042							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name STEVE A "SAM" MILLS				Signature S.A. MILLS		Date 8/10/05	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name Steve Glasman				Signature Steve Glasman		Date 8/4/05	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name				Signature		Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name				Signature		Date	

NON-HAZARDOUS WASTE GENERATOR

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE016		2. Page 1 of 2 3	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066							
4. Generator's Phone (907) 353-7850				c/o Bristol Environmental			
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR				10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
						F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	14. Unit Wt./Vol.
				No. Type			
a. Material not regulated by DOT				01 CM		33,190	P
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl XXXXXXXXXXXXXXXXXXXX BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. Baker box # PNWS 8041							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name STEVE A. "SAM" MILLS				Signature <i>S. A. Mills</i>		Date 8 10 05	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>Steve Glasman</i>		Date 8 14 05	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name				Signature		Date	

NON-HAZARDOUS WASTE GENERATOR



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE007		2. Page 1 of 3	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental			
4. Generator's Phone (907) 353-7850							
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812				10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
11. WASTE DESCRIPTION a. Material not regulated by DOT				12. Containers No. Type		13. Total Quantity	
				01 CM		31,730	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300. Conex# PNWS 8113							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
USACE/OE/QAR ON BEHALF OF USACE/OE/QAR						Date	
Printed/Typed Name STEVE A. "SAM" MILLS		Signature S. A. Mills				Month Day Year 8 01 05	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name Steve Glasman		Signature Steve Glasman				Month Day Year 8 4 05	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name		Signature				Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name				Signature		Date Month Day Year	

NON-HAZARDOUS WASTE GENERATOR

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 042

Date or Time Period
Friday August 5, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 55-60

AM/PM: Cloudy, light to moderate precipitation, high winds (sustained +20 MPH with gusts in excess of 40 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

PCB screen testing of concrete slab samples and one soil sample collected at Building 108 and Building 109.

Type of Test	Method/Matrix	Quantity of Samples	Total
PCB Ensys Screen	Concrete/Soil	18	18

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Only soil (1) and concrete samples were collected.

Health and SafetyWorker protection levels this date: Level B Level C Level D Modified Level D Was any work activity conducted within a confined space? Yes No N/A Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A Were approved decontamination procedures used on workers and equipment as required? Yes No N/A Was a Job Safety Meeting held this day? Yes No N/A Were there any "Lost Time" accidents this day? (if YES, attach copy of completed accident report) Yes No N/A Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Level C PPE utilized by 2 personnel performing concrete sampling.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Continued concrete slab sampling at Building 109.3. Initiate concrete slab sample Ensys screening analyses.4. Continued cutting Tram system wires and cables that were removed between the former Lower and Upper Tram buildings.5. Continued clean up of Debris Fields #1 and #2 on the Upper Mountain.6. Completed removal of all Line Support Towers (#1-#10).7. Total personnel: 21.

Manpower On Site

Personnel	Classification	Friday	Hours	Off Island
BEESC				
Steve Johnson	Project Manager	8-5-05		
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
DOT				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6/ S-7	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200				2				6	6
Ford Lube/Fuel Tk	50-201	9	4	4	7	10			73.5	97.5
Ottawa Yard Goat-5 th wheel	50-320								1	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329								78.5	96.5
Kenworth Tractor-5 th wheel	50-330		2						45	65
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351		5	2	8				29	48
Marooka MST 2200 Flatbed w/reel	50-352		5.5	10	9	4			60	84.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								0	8

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6/ S-7	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501				10	10			87	121.5
Cat 988B loader w/bucket & forks	50-505		9		3	1			72	98
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800								31.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	10		7					7	12
Cat D8K Winch Cat	51-101	10	2	10					11	20
Hitachi EX300LC Excavator	51-200		11	8	4	10			21.5	41.5
Hitachi EX120 Excavator	51-204		4	10	9				140	164
BobCat					9	10				

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	31	32
Activity: CL000804, Scrap Metal Removal	80.642	132.135	85.11% (212.775)
Activity: CL000501, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000502, , Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000503, Removal of 2" Diameter Armored Wire between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000504, Removal of 2.25" Diameter Armored Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000505, Removal of 0.5" Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000506, Removal of 1.25" Diameter Steel Support Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000507, Removal of 0.75" Diameter Black Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000508, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000509, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000510, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000511, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000512, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000513, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000514, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000515, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000516, Removal of 0.5" Diameter Black Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000517, Removal of #14 Black Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000518, Coiled 1" Diameter Black Wire near Tram Tower #1	10%	60%	70%
Activity: CL000608, Line Support Tower #1	45%	50%	95%

Activity: CL000609, Line Support Tower #2	45%	50%	95%
Activity: CL000610, Line Support Tower #3	45%	50%	95%
Activity: CL000611, Line Support Tower #4	45%	50%	95%
Activity: CL000612, Line Support Tower #5	45%	50%	95%
Activity: CL000613, Line Support Tower #6	45%	50%	95%
Activity: CL000614, Line Support Tower #7	45%	50%	95%
Activity: CL000615, Line Support Tower #8	45%	50%	95%
Activity: CL000616, Line Support Tower #9	45%	50%	95%
Activity: CL000617, Line Support Tower #10	45%	50%	95%
Activity: CL000702, Clean up of Debris Field #1	20%	10%	30%
Activity: CL000703, Clean up of Debris Field #2	20%	25%	45%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- High winds, as experienced again today, significantly slowed concrete sample collection.
- Completed CLIN Activities CL000608, CL000609, CL000610, CL000611, CL000612, CL000613, CL000614, CL000615, CL000616, and CL000617.

Comments:

- None
-

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijt
CQCSM Signature

8/7/05
Date

Robin Goebel
Site Superintendent Signature

8-7-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grd supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above and on grd.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris (mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000' ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

SAFETY OBSERVATION REPORT (SOR)

Date: 8/5/05 Time: 10:15

Person Submitting This Report: H. SEPT

Observation: LARGE NUMBER OF FOXES (MATURE AND YOUNG OFFSPRING) IN AFS OPS AREA

& THEIR POTENTIAL CONTACT WITH FIELD PERSONNEL

Action Taken: REVIEW OF AFS PLAN WITH PERSONNEL - POINT OUT FOXES POTENTIAL AS RABIES CARRIER

Immediate Corrective Action: INFORMED ALL PERSONNEL WORKING IN AREA OF THE PRESENCE OF FOXES

Action to Prevent Recurrence: LIMIT PERSONNEL ACCESS IN AFS OPS WITH DRUGS MAY POSSIBLY EXIST

Indirect Cause: CONTACT GENERALLY CHANCE ENCOUNTERS BY CURIOUSITY OR PRESENCE OF EATABLE MATERIAL

Corrective Action: RAISED AWARENESS OF PERSONNEL TO PRESENCE OF FOXES & POSSIBLE CONNECTION WITH FOOD

Commitment? FOOD TAKEN TO SITE LIMITED BY PERSONNEL AND FOXES DISCOURAGED TO WORK AROUND WORK AREAS

Further Action or Help Needed? NOPE, FOXES APPEAR TO

STAY IN AFS OPS AREA. NO OR HAVE

BEEN OBSERVED IN CAMP AREA.

Signature: H. M. Sept

Date: 08/05/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with steep slopes, unstable, damp rock talus surface
Level D PPE Laborers and Level C PPE for concrete sampling crew
Heavy equipment operation---laborer/operator eye contact to communicate presence and proposed laborer's action
Wind awareness---park into the wind to avoid vehicle doors flying open, be aware of wind direction and speed when opening doors to offices, dining hall, and living spaces
General site safety rules reviewed

Worksite ID/Clin No: CL000804-8

SS/Lead and No. of workers: L. MacDonald and (1) operator

Task to be accomplished: Removal and containerization of metal scrap from the debris staging area near AFS Ops.

Observations/Comments: Observed excavator operations w/hydraulic shear attachment within the footprint of the metals debris area. Metal debris within the area had been previously segregated into like materials. The shear attachment was used to reduce the size of the material, to maximize space and accommodate the greatest possible payload. By reducing the size and shape of the materials being loaded less wear and tare was placed on the container minimizing the potential for punctures. During normal conditions an individual wearing fall protection would secure the doors of the container. Winds at the time were 25-35 mph with gusts to 42 mph. With no immediate need to close the doors of the container, it was decided to wait for more favorable conditions. PPE for this task was Level D.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 043

Date or Time Period
Saturday August 6, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM/PM: Low clouds, stormy, moderate precipitation, high winds (sustained at 20-30 MPH with gusts in excess of 50 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory:
 Initial:
 Follow-up:
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

No sampling. Screen testing of concrete samples from Building 109.

Type of Test	Method/Matrix	Quantity of Samples	Total
PCB Ensys Screen	Concrete	24	42

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Only PCB concrete samples were collected.

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

No field work performed today due to adverse weather conditions.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none"> 1. BEESC shift work started at 7:00 hrs. 2. Weather conditions deemed unsafe for field crew operations. Crew in camp, no field work completed today. 3. Continued concrete slab sample Ensys screening analyses. 4. Total personnel: 21.

Manpower On Site

Personnel	Classification	Saturday	Hours	Off Island
BEESC				
Steve Johnson	Project Manager	8-6-05		
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		0	
Hank Seipt	CQCSM		0	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		0	
Larry Pederson	Environmental Sampler		6.5	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		0	
Kim Leach	Driver/Operator		0	
Bill Thorton	Operator		0	
John Wheeler	Operator		0	
Olaf Matson	Driver		0	
Rick Beasley	Mechanic		0	
Troy Whitmore	Oiler/Mechanic		0	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		0	
Sam Mokiyuk	Laborer		0	
Truman Kava	Laborer		0	
Paul Rookok	Laborer		0	
Sylvia Toolie	Office Staff		0	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
DOT				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200				2				6	6
Ford Lube/Fuel Tk	50-201	9	4	4	7	10			73.5	97.5
Ottawa Yard Goat-5 th wheel	50-320								1	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329								78.5	96.5
Kenworth Tractor-5 th wheel	50-330		2						45	65
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351		5	2					29	48
Marooka MST 2200 Flatbed w/reel	50-352		5.5	10	9	4			60	84.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								0	8

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501				10	10			87	121.5
Cat 988B loader w/bucket & forks	50-505		9		3	1			72	98
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800								31.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	10		7					7	12
Cat D8K Winch Cat	51-101	10	2	10					11	20
Hitachi EX300LC Excavator	51-200		11	8	4	10			21.5	41.5
Hitachi EX120 Excavator	51-204		4	10	9				140	164
BobCat					9	10				

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Field work cancelled today due to adverse weather conditions.

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	32	33
CLIN 8	48.053	212.775	260.828 Tons
CLIN 9	2.55	17.753	20.303 Tons
CLIN 14 & 15		188.67	188.67 Tons
Activity: CL000501, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000502, , Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000503, Removal of 2" Diameter Armored Wire between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000504, Removal of 2.25" Diameter Armored Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000505, Removal of 0.5" Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000506, Removal of 1.25" Diameter Steel Support Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000507, Removal of 0.75" Diameter Black Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000508, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000509, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000510, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000511, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000512, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000513, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000514, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000515, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000516, Removal of 0.5" Diameter Black Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000517, Removal of #14 Black Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000518, Coiled 1" Diameter Black Wire near Tram Tower #1	10%	60%	70%

Activity: CL000702, Clean up of Debris Field #1	20%	10%	30%
Activity: CL000703, Clean up of Debris Field #2	20%	25%	45%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Adverse weather conditions (high winds and moderate precipitation) resulted in cancellation of work operations for the day.

Summary of Materials Removed and Weighed as of August 6, 2005:

CLINs 14 and 15 (Soil Removal)

Date Weighed	Tonnage	Location
July 14	30.53	Bldg 1001 MEC (Site 31)
July 15	33.415	Bldg 1001 MEC
July 16	47.035	Bldg 110 (Site 14)
July 18	49.08	Bldg 110 and Bldg 98 (Site 14)
July 21	11.63	Bldg 110 and Site 7 (includes CLIN 15 additional soil excavation at Site 7E and Site 13E)
July 22	16.98	Bldg 110 and Site 7 (includes CLIN 15 additional soil excavation at Site 7A)
Total	188.67	200 tons in scope of work

CLINs 10 and 16 (Concrete Removal)

Date Weighed	Tonnage	Location
July 8	62.595	Bldg 1001 MEC
July 10	63.38	Bldg 1001 MEC, Bldg 108 & Bldg 109
July 16	15.10	Bldg 110
July 19	13.97	Bldg 110
July 30	8.07	
Total	163.115	Lump Sum/Square Foot Removed

CLIN 8

Date Weighed	Tonnage	CLIN Activity
July 30	9.053	802
Sub Total	9.053	Cargo Beach Debris
July 14	15.841	804 (CAT)
July 16	12.125	804
July 19	22.04	804
July 21	10.77	804 (Boiler)/Asbestos Containing Material
July 25	57.262	804
July 29	14.095	804
July 30	80.642	804
August 4	10.385	804
Sub Total	224.015	Scrap Metal AFS Ops Area
July 14	27.76	806
Sub Total	27.76	Cummins Engines
Total CLIN Tonnage	260.828	

CLIN 9

Date Weighed	Tonnage	CLIN Activity
7/21	12.64	911 & 913
Sub Total	12.64	Armored Cable AFS Ops Area
7/29	5.113	909
Sub Total	5.113	Debris from Landfill face AFS Ops Area
Total CLIN Tonnage	17.753	

Comments:

- None
-

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

The low pressure weather system initially described in the Thursday, 04 August Daily Report No. 41, intensified with intermittent precipitation through Friday evening and today. Contractor wind meter is capable of measure to 50 knots; Wind gusts of the last 48 hours have max'ed this meter out. No field work possible this day. Crew was confined to quarters and shall take this day "off"; Sampler conducted EnSys screening of previously obtained concrete samples. Should winds lay-down tomorrow Sunday, crew shall re-mobilize to the field.

Although not listed in the summaries, the steel pole line , initially described to be pole line "C" in the plan, was accomplished 2 weeks ago but is not posted as extra work accomplished in this Report.

QA Safety Inspections/Observations not noted in above comments:

B. A. Mills *ALOE*
QAR

QAR Signature

Date

Supervisor's Initials

Date

08 Aug. '05

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above and on grnd.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 044

Date or Time Period
Sunday August 7, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 50-55

Temp High: 60-65

AM: Low clouds, light precipitation, moderate winds (sustained at 10-20 MPH). Mid AM/PM: Partly cloudy to sunny, light winds.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Screen testing of concrete samples from Building 109, and soil samples (one each) from Site 13C, Site 13D, and sample 109 at Room F of Building 1001 MEC.

Type of Test	Method/Matrix	Quantity of Samples	Project Total
PCB Ensys Screen	Concrete/Soil	54	96

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Samples analyzed on August 4 (18), 5 (24), and 7 (54). Paperwork prepared and samples packed for shipment on August 8.

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples
PCB	EPA 8082	18, 24, & 54	96

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Only PCB concrete samples were collected.

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D
Was any work activity conducted within a confined space? Yes No N/A
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A
Were approved decontamination procedures used on workers and equipment as required? Yes No N/A
Was a Job Safety Meeting held this day? Yes No N/A
Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A
Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Level C PPE utilized by 2 personnel performing concrete sampling.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Completed concrete sampling of the slab at Building 109.3. Completed concrete slab sample Ensys screening analyses.4. Completed removal of Pole Group C.5. Completed removal of thermo-anchors northwest of AFS Ops.6. Continued clean up of Debris Fields #1 and #2 on the Upper Mountain.7. Excavated additional soil (approximately 12 tons) at Site 13C, Site 13D, and at one point below the concrete slab at Room F of Building 1001 MEC.8. Continued removal of collected debris stockpiled at the lower tank area at AFS Ops.9. Total personnel: 21.

Manpower On Site

Personnel	Classification	Sunday	Hours	Off Island
BEESC		8-7-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		18	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
DOT				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy TrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200				2			2	6	8
Ford Lube/Fuel Tk	50-201	9	4	4	7	10	6	40	97.5	137.5
Ottawa Yard Goat-5 th wheel	50-320							0	10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329							0	96.5	96.5
Kenworth Tractor-5 th wheel	50-330		2					2	65	67
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351		5	2			9	16	48	64
Marooka MST 2200 Flatbed w/reel	50-352		5.5	10	9	4	10	38.5	84.5	123
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415							0	8	8

Equipment Type	BEESC Number	M-1	T-2	W-3	TH-4	F-5	S-6	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426							0	21	21
Cat 980C loader w/bucket & forks	50-501				10	10	3	23	121.5	144.5
Cat 988B loader w/bucket & forks	50-505		9		3	1	3	16	98	114
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800							0	41.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	10		7			2	19	12	31
Cat D8K Winch Cat	51-101	10	2	10				22	20	42
Hitachi EX300LC Excavator	51-200		11	8	4	10	4	37	41.5	78.5
Hitachi EX120 Excavator	51-204		4	10	9		11	34	164	198
BobCat					9	10		19	0	19

Materials Received to be Used on or Incorporated into Site

Miscellaneous vehicle and equipment parts arrived by air charter.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	33	34
CLIN 8	48.053	212.775	260.828 Tons
CLIN 9	2.55	17.753	20.303 Tons
CLIN 14 & 15		188.67	188.67 Tons
Activity: CL000501, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000502, , Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000503, Removal of 2" Diameter Armored Wire between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000504, Removal of 2.25" Diameter Armored Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000505, Removal of 0.5" Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000506, Removal of 1.25" Diameter Steel Support Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000507, Removal of 0.75" Diameter Black Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000508, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000509, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000510, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000511, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000512, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000513, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000514, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000515, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000516, Removal of 0.5" Diameter Black Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000517, Removal of #14 Black Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000518, Coiled 1" Diameter Black Wire near Tram Tower #1	10%	60%	70%

Activity: CL000702, Clean up of Debris Field #1	10%	30%	30%
Activity: CL000703, Clean up of Debris Field #2	10%	45%	55%
Activity: CL000905, Pole Group C			95%
Activity: CL000901, Thermo-Anchor			95%
Activity: CL001501, Excavate Additional PCB-Contaminated Soil			95%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Completed CLIN Activities CL000901, CL000905 and CL001501.

Summary of Materials Removed and Weighed as of August 6, 2005:

CLIN 8

Date Weighed	Tonnage	CLIN Activity
July 30	9.053	802
Sub Total	9.053	Cargo Beach Debris
July 14	15.841	804 (CAT)
July 16	12.125	804
July 19	22.04	804
July 21	10.77	804 (Boiler)/Asbestos Containing Material
July 25	57.262	804
July 29	14.095	804
July 30	80.642	804
August 4	10.385	804
Sub Total	224.015	Scrap Metal AFS Ops Area
July 14	27.76	806
Sub Total	27.76	Cummins Engines
Total CLIN Tonnage	260.828	

CLIN 9

Date Weighed	Tonnage	CLIN Activity
7/21	12.64	911 & 913
Sub Total	12.64	Armored Cable AFS Ops Area
7/29	5.113	909
Sub Total	5.113	Debris from Landfill face AFS Ops Area
Total CLIN Tonnage	17.753	

CLINs 10 and 16 (Concrete Removal)

Date Weighed	Tonnage	Location
July 8	62.595	Bldg 1001 MEC
July 10	63.38	Bldg 1001 MEC, Bldg 108 & Bldg 109
July 16	15.10	Bldg 110
July 19	13.97	Bldg 110
July 30	8.07	
Total	163.115	Lump Sum/Square Foot Removed

CLINs 14 and 15 (Soil Removal)

Date Weighed	Tonnage	Location
July 14	30.53	Bldg 1001 MEC (Site 31)
July 15	33.415	Bldg 1001 MEC
July 16	47.035	Bldg 110 (Site 14)
July 18	49.08	Bldg 110 and Bldg 98 (Site 14)
July 21	11.63	Bldg 110 and Site 7 (includes CLIN 15 additional soil excavation at Site 7E and Site 13E)
July 22	16.98	Bldg 110 and Site 7 (includes CLIN 15 additional soil excavation at Site 7A)
Total	188.67	200 tons in scope of work

Comments:

- None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05						

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijt
CQCSM Signature

8/8/05
Date

Rollie Fabel
Site Superintendent Signature

8-8-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

High winds have laid down for the first time in 3 days; Crew worked today due to the inclement weather causing the day – “off” yesterday Sunday, 07 August. After the 0700 hours Safety Tailgate Mtg, work accomplished today as reported under familiar overcast skies within light-to-moderate winds. More cables and debris , cut-up, spooled, gathered, and/ or packaged about both the Upper and Lower Mtn zones; additional PCB soils excavated at 3 points at Site 13 (Bldg 1001 MEC), and concrete samples obtained at Bldg 109.

EnSys screening results of all recently-obtained concrete and soils samples reveal a negative field test response for 5 PPM level of PCB's. This is good as it “cleans-up” these soil pits and slabs. More QA photos obtained. CLIN's 901, 905 and 1501 for the Poleline “C” and thermo-anchors completion, and the extra PCB-contaminated soil excavations accomplished.

Weekly Tele-Conference slated for tomorrow Mon., 08 Aug., at 0900 hours (Moved-up from the typical Tuesday Mtg day due to ACoE PM schedule commitments). Weather reports reveal another Low-pressure front with substantial winds, headed North through the Bering Sea to arrive later tonight.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *ALOE* *QAR*

QAR Signature

Date

Supervisor's Initials

Date

09 Aug, '05

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above and on grnd.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris (mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/07/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with steep slopes, unstable, damp rock talus surface
Level D PPE Laborers and Level C PPE for concrete sampling crew
Heavy equipment operation---importance of communication, radius of swing arc on track hoe
Wind velocity---no specified limits in SSHP, but will be monitored on the Upper Mountain to determine the feasibility of working (safely)
General site safety rules reviewed

Worksite ID/Clin No: CL001601-16

SS/Lead and No. of workers: L. Pederson and Hank Seipt

Task to be accomplished: Collect (possible PCB contaminated) concrete samples from the foundation of former bldg 109.

Observations/Comments: Arrived at the site of the pad 109 where the collection of samples was in progress. Each sample required a minimum of 50 grams of concrete powder. Utilizing an electric drill, 31 separate locations were sampled. As many as 11 pilot holes were required to achieve the 50 gram minimum. Bits were decontaminated using Alconox and distilled water after each use to prevent the possibility of cross contamination. PPE utilized during the collection of samples was Level C with nitrile chemical resistant gloves. The chemical resistant suit wasn't worn due to wind conditions and threshold level of the concrete to be sampled.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 045

Date or Time Period
Monday August 8, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 55-60

Temp High: 60-65

AM/PM: Sunny, high winds (sustained at +/- 25 MPH with gusts in excess of 40 MPH) . .

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory:
 Initial:
 Follow-up:
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Screen testing completed on 8/7.

Type of Test	Method/Matrix	Quantity of Samples	Project Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Samples analyzed on August 4 (18), 5 (24), and 7 (54). Paperwork prepared and samples packed for shipment on August 8. To be shipped on next air charter flight.

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples
PCB	EPA 8082	18, 24, & 54	96

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Only PCB concrete samples were collected.

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Field work cancelled for the day due to adverse weather conditions that created a safety hazard to field personnel.

Call out time and training completed in camp.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Field activities cancelled due to adverse weather conditions.3. Completed mountaineering training for Debris Field #1 work on the Upper Mountain.4. Completed preparations for sample shipment to analytical laboratory.5. Total personnel: 21.

Manpower On Site

Personnel	Classification	Monday	Hours	Off Island
BEESC				
Steve Johnson	Project Manager	8-8-05		
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		4	
Hank Seipt	CQCSM		4	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		4	
Larry Pederson	Environmental Sampler		4	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		4	
Kim Leach	Driver/Operator		4	
Bill Thorton	Operator		4	
John Wheeler	Operator		4	
Olaf Matson	Driver		4	
Rick Beasley	Mechanic		4	
Troy Whitmore	Oiler/Mechanic		4	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		4	
Sam Mokiyuk	Laborer		4	
Truman Kava	Laborer		4	
Paul Rookok	Laborer		4	
Sylvia Toolie	Office Staff		4	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
DOT				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-8	T-9	W-10	TH-11	F-12	S-13	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy TrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							2	6	8
Ford Lube/Fuel Tk	50-201							40	97.5	137.5
Ottawa Yard Goat-5 th wheel	50-320							0	10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329							0	96.5	96.5
Kenworth Tractor-5 th wheel	50-330							2	65	67
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351							16	48	64
Marooka MST 2200 Flatbed w/reel	50-352							38.5	84.5	123
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415							0	8	8

Equipment Type	BEESC Number	M-9	T-9	W-103	TH-11	F-12	S-13	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426							0	21	21
Cat 980C loader w/bucket & forks	50-501							23	121.5	144.5
Cat 988B loader w/bucket & forks	50-505							16	98	114
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800							0	41.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100							19	12	31
Cat D8K Winch Cat	51-101							22	20	42
Hitachi EX300LC Excavator	51-200							37	41.5	78.5
Hitachi EX120 Excavator	51-204							34	164	198
BobCat								19	0	19

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Sustained high winds caused cancellation of field activities.

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	34	35
CLIN 8	48.053	212.775	260.828 Tons
CLIN 9	2.55	17.753	20.303 Tons
CLIN 14 & 15		188.67	188.67 Tons
Activity: CL000501, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000502, , Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000503, Removal of 2" Diameter Armored Wire between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000504, Removal of 2.25" Diameter Armored Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000505, Removal of 0.5" Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000506, Removal of 1.25" Diameter Steel Support Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000507, Removal of 0.75" Diameter Black Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000508, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000509, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000510, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg between L. and U. Mtn Tram Bldg	20%	50%	70%
Activity: CL000511, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000512, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000513, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000514, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000515, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000516, Removal of 0.5" Diameter Black Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000517, Removal of #14 Black Wire between L. and U. Mtn Tram Bldg	10%	60%	70%
Activity: CL000518, Coiled 1" Diameter Black Wire near Tram Tower #1	10%	60%	70%

Activity: CL000702, Clean up of Debris Field #1	10%	30%	40%
Activity: CL000703, Clean up of Debris Field #2	10%	45%	55%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- No field work completed due to adverse weather conditions.

Comments:

- None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05						

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seguit
CQCSM Signature

8/9/05
Date

Rollie Stadel
Site Superintendent Signature

8-9-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

The 0700 hours morning Safety Tailgate Mtg conducted under adverse conditions similar to the prior Saturday. Strong winds in evidence through the prior evening that increased in severity through the day – the result of a large low pressure system serving the Bering Sea from the South. Moutaineering & harness class conducted by the SSHO for those nominated crew members in the morning in anticipation of the eventual mountain slope hand-pick debris recovery work. More work in PCB sampling analysis conducted. Winds serve to interrupt the tele-link on many occasions.

Although not mentioned in this report, the Weekly Tele-Conference, moved from Tuesday to this day by ACoE PM Carey Cossaboom, was attempted at 0900 hours but apparent weather difficulties made the tele-link impossible. In alternative attempt, the BEESC Supt and QAR completed a sat-phone link temporarily from different locations along the access road from the Supt pickup truck. The minimum in update info was transmitted before that link was permanently interrupted also.

No field work today – winds became steady and max'ed out the camp wind meter (in excess of) 50 knots. It is hoped winds shall lay down for the anticipated regional Gambell/ Savoonga rep's visitors tour slated for tomorrow Tuesday, at 1230 hours.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *ALB*
QAR

QAR Signature

10 Aug. 2005

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above and on grnd.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 046

Date or Time Period
Tuesday August 9, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM/PM: Partly cloudy to sunny, high winds (sustained at +/- 25 MPH with gusts in excess of 35 MPH), moderate to heavy precipitation in PM.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Project Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Weighed soil excavated on 8/7.3. Continued cutting, removing and loading (into connexes) cables and wire from the Tram system.4. Continued loading scrap steel into connexes at the lower tank area.5. Total personnel: 21.

Manpower On Site

Personnel	Classification	Tuesday	Hours	Off Island
BEESC		8-9-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
DOT				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-8	T-9	W-10	TH-11	F-12	S-13	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								6	8
Ford Lube/Fuel Tk	50-201		7						97.5	137.5
Ottawa Yard Goat-5 th wheel	50-320								10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329								96.5	96.5
Kenworth Tractor-5 th wheel	50-330								65	67
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351								48	64
Marooka MST 2200 Flatbed w/reel	50-352		11						84.5	123
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								8	8

Equipment Type	BEESC Number	M-8	T-9	W-10	TH-11	F-12	S-13	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501		11						121.5	144.5
Cat 988B loader w/bucket & forks	50-505		1						98	114
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800		4						41.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100								12	31
Cat D8K Winch Cat	51-101								20	42
Hitachi EX300LC Excavator	51-200		10						41.5	78.5
Hitachi EX120 Excavator	51-204		10						164	198
BobCat									0	19

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Today's sustained winds and stormy conditions prevented work on the Upper Mountain and slowed field work.

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	35	36
CLIN 8	48.053	212.775	260.828 Tons
CLIN 9	2.55	17.753	20.303 Tons
CLIN 14 & 15	15.3	188.67	203.97
Activity: CL000501, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000502, , Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000503, Removal of 2" Diameter Armored Wire between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000504, Removal of 2.25" Diameter Armored Wire between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000505, Removal of 0.5" Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000506, Removal of 1.25" Diameter Steel Support Cable between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000507, Removal of 0.75" Diameter Black Wire between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000508, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000509, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000510, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000511, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000512, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000513, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000514, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000515, Removal of 0.5' Diameter Steel Cable between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000516, Removal of 0.5" Diameter Black Wire between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000517, Removal of #14 Black Wire between L. and U. Mtn Tram Bldg	20%	70%	90%
Activity: CL000518, Coiled 1" Diameter Black Wire near Tram Tower #1	20%	70%	90%

Activity: CL000702, Clean up of Debris Field #1	10%	30%	40%
Activity: CL000703, Clean up of Debris Field #2	10%	45%	55%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Sustained winds and stormy weather restricted work to the lower mountain area.

Comments:

- None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05						

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Hyun. Sejit
CQCSM Signature

8/10/05
Date

Rollin Gehel
Site Superintendent Signature

8-10-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Safety Tailgate held at 0700 hours under familiar overcast conditions, wet grounds, and increased winds. The predicted new storm front arrived last night bringing continued winds with rain through the prior evening and today. Crews once again outfitted for rain.

Tele-links for phone and computer went down about 0900 hours this morning and were out all day and evening for portions of the camp. Crews were oriented towards debris collection, cables cutting and packaging/ weighing today. Crews were able to withstand the wind with proper stances and buddy system handling procedures; lots of cable cut-up today. The regional rep's Gambell/ Savoonga visitors tour, re-scheduled for today at 1230 hours, was once again cancelled due to the weather. It shall be re-scheduled at a date TBD.

More QA photos obtained .

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *ACE/GAR*

QAR Signature

11 AUG. '05
Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	
CL000502-5	Two 11/4" steel cables. Some above and on grnd.	NE Cape	BEESC	
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long, ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 047

Date or Time Period
Wednesday August 10, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM: Partly cloudy to cloudy, windy (10-20 MPH), light precipitation. PM: Partly cloudy, sun breaks, light winds, no precipitation.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Project Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A
 Have samples been properly labeled and packaged? Yes No N/A
 Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A
 Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Completed cutting, removing and loading (into connexes) cables and wire from the Tram system.3. Continued loading scrap steel into connexes at the lower tank area.4. Removed and disposed of concrete utilidor foundation pedestals.5. Removed coiled 1" wire that was located near Tram Tower #1.6. Total personnel: 21.

Manpower On Site

Personnel	Classification	Wednesday	Hours	Off Island
BEESC		8-10-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Ken Steel	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
DOT				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-8	T-9	W-10	TH-11	F-12	S-13	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								6	8
Ford Lube/Fuel Tk	50-201		7	7					97.5	137.5
Ottawa Yard Goat-5 th wheel	50-320								10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329								96.5	96.5
Kenworth Tractor-5 th wheel	50-330								65	67
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351			6					48	64
Marooka MST 2200 Flatbed w/reel	50-352		11						84.5	123
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								8	8

Equipment Type	BEESC Number	M-8	T-9	W-10	TH-11	F-12	S-13	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501		11	11					121.5	144.5
Cat 988B loader w/bucket & forks	50-505		1	1					98	114
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800		4	3					41.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100								12	31
Cat D8K Winch Cat	51-101								20	42
Hitachi EX300LC Excavator	51-200		10	10					41.5	78.5
Hitachi EX120 Excavator	51-204		10	10					164	198
BobCat									0	19

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact? Yes No

Are there any Government-caused delays or potential finding of fact? Yes No

Are there any unforeseeable or weather-related delays? Yes No

Today's sustained winds and stormy conditions prevented work on the Upper Mountain and slowed field work.

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	36	37
CLIN 8			260.828 Tons
CLIN 9			20.303 Tons
CLIN 14 & 15			203.97
Activity: CL000501, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000502, , Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000503, Removal of 2" Diameter Armored Wire between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000504, Removal of 2.25" Diameter Armored Wire between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000505, Removal of 0.5" Diameter Steel Cable between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000506, Removal of 1.25" Diameter Steel Support Cable between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000507, Removal of 0.75" Diameter Black Wire between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000508, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000509, Removal of 0.5" Diameter Steel Cable between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000510, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000511, Removal of 0.5" Diameter Steel Cable between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000512, Removal of Wire Bundle (3 Wires) between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000513, Removal of 0.5" Diameter Steel Cable between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000514, Removal of 1.25" Diameter Steel Cable between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000515, Removal of 0.5" Diameter Steel Cable between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000516, Removal of 0.5" Diameter Black Wire between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000517, Removal of #14 Black Wire between L. and U. Mtn Tram Bldg	5%	90%	95%
Activity: CL000518, Coiled 1" Diameter Black Wire near Tram Tower #1	5%	90%	95%

Activity: CL000702, Clean up of Debris Field #1	10%	30%	40%
Activity: CL000703, Clean up of Debris Field #2	10%	45%	55%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Note: CLIN Activity CL000618 was completed on 7/25/05. It was erroneously listed in the Project Summary to Date on August 3 and August 4.
- Completed CLIN Activities CL000501 through CL000518 and CL000915

Comments:

- None

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Siefert
CQCSM Signature

8/11/05
Date

Rollie Gabel
Site Superintendent Signature

8-11-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

The 0700 hours Tailgate Mtg was held under familiar overcast skies with intermittent morning showers and decreasing wind gusts that let-up by afternoon. Work continued on the AFS Ops areas cantonment as reported in cable cutting, spooling, packaging, and debris steel cutting, packaging and weighing. Crew observed to continue to be following standard safety recommendations.

No visitors today. No QA photos today as we are in a redundant work mode represented well in example in prior photos.

QA Safety Inspections/Observations not noted in above comments:

S.A. Miller ACE/QAR

QAR Signature

12 Aug, '05

Date

Supervisor's Initials

Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 11/4" steel cables. Some above and on grnd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris (mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	100% (8/10/05)
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/10/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with wet surfaces and windy conditions
Level D PPE Laborers
High winds---if possible in a high wind environment, park into the wind to prevent car door damage, limit overhead loft work, expect reduced visibility especially if wind is in conjunction with precipitation, use rain gear, and remember to keep hydrated.
General site safety rules reviewed

Worksite ID/Clin No: CL000501-518

SS/Lead and No. of workers: L. MacDonald and (7) additional laborers/operators.

Task to be accomplished: Collect, cut and stow cables associated with tram/support towers.

Observations/Comments: This report is a continuation of the safety log of 08092005. Equipment used during the completion of this task: ATV's, (2) Morooka tracked vehicles, front end loader and excavator. The reminding pre-cut sections of cable from previous day's activities were stowed in a cargo container. A few lengths of cable did required coiling utilizing the Morooka with cable spooling attachment. Sections of cable (approximately 10-50 feet), pieces of cable and general debris were collected by the labor crew on All Terrain Vehicles (ATV's). All personnel maintained the proper level of PPE for the assigned task, level D.

SAFETY OBSERVATION REPORT (SOR)

Date: 8/10/05 Time: 7:00

Person Submitting This Report: Bill THORNTON/RECORDED BY H. SEPT

Observation: LABORERS STRADDLING CABLE DURING CUTTING OPERATION/COILING IF MOROOKA REQUESTED

DIRECTION DURING COILING CABLE, THE CABLE COULD RISE AS A RESULT OF TENSION AND CAUSE A GROUND INJURY

Action Taken: MEETING WITH LABORERS SET TO TALK OVER SUBJECT

Immediate Corrective Action: STRADDLING OF CABLE/WIRE NO ALLOWED DURING SPOOLING/WIRE COILING OPERATIONS

Action to Prevent Recurrence: TRAINING OF CREW

Indirect Cause: LACK OF KNOWLEDGE/AWARENESS BY CREW MEMBERS

Corrective Action: NO STRADDLING OF CABLES/LINES ALLOWED

Commitment? STRONG HIGH POTENTIAL FOR SIGNIFICANT INJURY

Further Action or Help Needed? NO — OTHER THAN TO

OBSERVE CREW MEMBERS WHILE WORKING

TO AVOID COMPLIANCE

Signature: H. M. Sept

SAFETY OBSERVATION REPORT (SOR)

Date: August 10, 2005 Time: 7:00

Person Submitting This Report: Bill Tiberton / Recorded By H. Seyt

Observation: MOTOR DISENGAGEMENT SHOULD BE IMPLEMENTED WHEN MOROOKA SPOOLING OPERATION IS OCCURRING (DROPPING ROLLED SPOOL)

Action Taken: MOROOKA SPOOLING CREW GATHERED & PROBLEM ADDRESSED

Immediate Corrective Action: MEETING WITH CREW

Action to Prevent Recurrence: DISENGAGE / IDLE DOWN MOROOKA MOTOR

Indirect Cause: CREW INATTENTION

Corrective Action: CREW TRAINED TO MAKE SURE MOROOKA ENGINE DISENGAGE / IDLE DOWN WHEN SPOOL TO BE DROPPED

Commitment? STRONG. POTENTIAL HAZARD THAT COULD CAUSE A SERIOUS INJURY

Further Action or Help Needed? NO. INFORMATION ABOUT THE PROBLEM AND WAYS TO RECTIFY IT DISCUSSED TO MOROOKA CREW.

Signature: H. M. Seyt

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 048

Date or Time Period
Thursday August 11, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 50-55

Temp High: 50-55

AM: Partly cloudy, sun breaks, calm winds.

PM: Partly cloudy, sun breaks, light winds, no precipitation.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Project Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Site orientation completed by SSHO with the new PA (Atkinson).

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. 1 Fairweather personnel (Atkinson) arrived and 1 Fairweather personnel (Steel) departed island.3. Removed residual debris along the former Tram Line between Site 32 and the Upper Mountain.4. Removed the Water Line on the hillside between Site 32 and the Upper Mountain.5. Removed westerly trending armored cable trending located in the vicinity of Building 98.6. Continued plasma cutting of scrap metal.7. Continued loading of scrap metal into connexes.8. Total personnel: 21.

Manpower On Site

Personnel	Classification	Thursday	Hours	Off Island
BEESC		8-11-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Tim Atkinson	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
DOT				
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-8	T-9	W-10	TH-11	F-12	S-13	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								6	8
Ford Lube/Fuel Tk	50-201		7	7	4				97.5	137.5
Ottawa Yard Goat-5 th wheel	50-320								10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329				7				96.5	96.5
Kenworth Tractor-5 th wheel	50-330								65	67
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351			6	3				48	64
Marooka MST 2200 Flatbed w/reel	50-352		11						84.5	123
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								8	8

Equipment Type	BEESC Number	M-8	T-9	W-10	TH-11	F-12	S-13	Week's Total	Prior Weeks	Total
RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501		11	11	11				121.5	144.5
Cat 988B loader w/bucket & forks	50-505		1	1	5				98	114
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800		4	3					41.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100								12	31
Cat D8K Winch Cat	51-101				10				20	42
Hitachi EX300LC Excavator	51-200		10	10	3				41.5	78.5
Hitachi EX120 Excavator	51-204		10	10	6				164	198
BobCat									0	19

Materials Received to be Used on or Incorporated into Site

Miscellaneous small parts arrived via air charter.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	37	38
CLIN 8			260.828 Tons
CLIN 9			20.303 Tons
CLIN 14 & 15			203.97
Activity: CL000910, Armored Cable			95%
Activity: CL000619, Water Line			95%
Activity: CL000702, Clean up of Debris Field #1	10%	30%	40%
Activity: CL000703, Clean up of Debris Field #2	10%	45%	55%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Completed CLIN Activities CL000910 and CL000619.
- Fairweather replaced PA Steel with PA Atkinson.

Comments:

- None
-

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05
CL000910	8/11/05	CL000619	8/11/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

8/12/05
Date

Rollie Laabel
Site Superintendent Signature

8-12-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature _____
Date

Site Superintendent Signature _____
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A
Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

The morning Safety Tailgate Mtg was held at 0700 hours under overcast skies that persisted with light gusty winds through the day. Some broken clouds for sunshine at mid-day, but fog persisted on the mtn-top. Crews were applied to the lower mtn slope to pull the water line off of the mtn; some hand-picked debris also removed from the mtn slope; also a lengthy cable situated in the tundra West of Bldg 98. More debris steel cut-up, packaged, weighed and transported to the staging area.

The Clin's No. 619 and 910 for the water line and the armored cable West of Bldg 98 checked off as complete in recovery. Cutting and packaging underway. Although not mentioned in this report, regional visitors from the island towns of Gambell and Savoonga were anticipating a possible visit today, but weather was not conducive to a mid-day flight. Another attempt slated for tomorrow Friday, 12 August.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills ^{ACE} / QAR

QAR Signature 13 Aug. Date Supervisor's Initials Date

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 11/4" steel cables. Some above and on grnd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	95% (8/11/05)
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris (mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	95% (8/11/05)
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	100% (8/10/05)
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/11/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with wet surfaces and windy conditions
Level D PPE Laborers
Upper Mountain travel---be aware of possible road deterioration, i.e., washouts, rock slides, debris on the road, etc.
Upper Mountain work---rappel equipment use
Harness use---must be utilized when closing uplifted connexes.
General site safety rules reviewed

Worksite ID/Clin No: CL000619-6

SS/Lead and No. of workers: L. MacDonald and (2) additional laborers/operators.

Task to be accomplished: Remove, package and transport water pipe from upper mountain area.

Observations/Comments: Retrieval of the water pipe required the use of a bull dozer and an ATV. The bull dozer and ATV set out from the lower tram area to a point in the wash approximating the former location of tower 3. At this point the operator of the ATV started an ascent on foot towards an end of the water pipe. After rigging, the water pipe was ready to be towed. Prior to the commencement of the tow the additional hazard of falling rocks was briefed. The operator of the ATV descended the mountain and remained in a safe area adjacent to the line of pull. After the completion of the tow the water pipe was staged awaiting cutting and packaging for shipment off island. (3) Additional trips up the mountain were made to collect sections of pipe and water pipe associated hardware. PPE D was the prescribed level of personnel protective clothing for this task. All personnel were in the required PPE.

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Cut up and placed in a connex the Water Line removed from the hillside between Site 32 and the Upper Mountain.3. Initiated removed of debris at the Site 7 landfill.4. Continued plasma cutting of scrap metal. <i>Supplied</i>5. Continued loading of scrap metal into connexes.6. Total personnel: 21.

Manpower On Site

Personnel	Classification	Friday	Hours	Off Island
BEESC				
Steve Johnson	Project Manager	8-12-05		
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Tim Atkinson	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-8	T-9	W-10	TH-11	F-12	S-13	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								6	8
Ford Lube/Fuel Tk	50-201		7	7	4	8			97.5	137.5
Ottawa Yard Goat-5 th wheel	50-320								10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329				7	2			96.5	96.5
Kenworth Tractor-5 th wheel	50-330								65	67
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351			6	3				48	64
Marooka MST 2200 Flatbed w/reel	50-352		11			7			84.5	123
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								8	8

Equipment Type	BEESC Number	M-8	T-9	W-10	TH-11	F-12	S-13	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501		11	11	11	11			121.5	144.5
Cat 988B loader w/bucket & forks	50-505		1	1	5				98	114
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800		4	3		3			41.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher Wheeler 4	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher Wheeler 4	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher Wheeler 4	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100								12	31
Cat D8K Winch Cat	51-101				10				20	42
Hitachi EX300LC Excavator	51-200		10	10	3	9			41.5	78.5
Hitachi EX120 Excavator	51-204		10	10	6	10			164	198
BobCat									0	19

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	38	39
Activity: CL000807, Debris Removal at Site 7	20%	0	20%
Activity: CL000702, Clean up of Debris Field #1	10%	30%	40%
Activity: CL000703, Clean up of Debris Field #2	10%	45%	55%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- None

Comments:

- None

Summary of Tonnage Weighed by CLIN as of 8/12/05 for Pay Units Denominated in Tons

CLIN 5 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000501-CL000518	Tram System Cable & Wire	105	101.895
TOTAL TONNAGE		105	101.895

CLIN 7 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000701	Drums	3	4.07
CL000702	Debris Field #1	20	6.35
CL000703	Debris Field #2	20	15.38
CL000704	Borrow Loading Area	2	3.57
TOTAL TONNAGE		45	29.37

CLIN 8 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000801	Welder	1	
CL000802	Cargo Beach Debris	30	22.26
CL000803	Cargo Beach Road Debris	5	18.3
CL000804	Tank Areas	280	281.54
CL000805	Chevy Blazer	3	
CL000806	Cummins Engines	36	27.55
CL000807	Site 7 Landfill	50	2.99
TOTAL		405	352.64

CLIN 9 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000901	Thermo Anchor	1	0.1
CL000902	Steel Tanks	6	1.08
CL000903	Pole Group A	3	1.86
CL000904	Pole Group B	1	0.47
CL000905	Pole Group C	2	3.48
CL000906	Pole Line 5	0.5	0.57
CL000907	Pole Group D	10	5
CL000908	Marston Matting	15	17
CL000909	Metallic Debris	100	49.29
CL000910	Armored Cable/Wire	10	3.33
CL000911	Armored Cable/Wire	25	27.4
CL000912	Armored Cable/Wire	1.5	1.6
CL000913	Antenna	1	1.69
CL000914	Antenna	1	2.3
CL000915	Concrete Foundations	1	9.84
TOTAL TONNAGE		178	125.01

CLIN 14 & 15 ACTIVITIES	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL001401	PCB Contaminated Soil	100	100
CL001501	Additional PCB Contaminated Soil	100	105.16
TOTAL TONNAGE		200	205.16

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05
CL000910	8/11/05	CL000619	8/11/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

The 0700 hours Safety Tailgate Mtg was held under familiar overcast skies with light breezes and a heavy fog on the mountain each of which persisted throughout the day. Crews were applied again to the cutting up and packaging of the staged mountain steel pipe water line, and the staged steel tanks and other debris. Also, the QAR observed the commencement of the exploration of the East side of Site 7. Some mountain access road improvement was discussed for possible mtn-top access & work this weekend.

Conditions remained foggy at mid-day and reportedly at Gambell; also there is reportedly a large forest fire in the Galena vicinity that is creating interruptive smoke conditions throughout the NorthCentral region. Fairbanks is reportedly inundated in heavy smoke; one Nome-based air carrier reportedly returned to Nome shortly after becoming airborne in the Norton Sound vicinity. There is no obvious evidence of smoke at the NE Cape. Reportedly the forest fires, as well as many reportedly medical evacuations from remote towns, have preoccupied the vicinity air carriers. The planned regional visitors visit/ tour is once again cancelled probably 'til sometime next week.

QA photos obtained.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ALC/E/QAR*

QAR Signature

Date

Supervisor's Initials

Date

14 Aug, '05

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 11/4" steel cables. Some above and on grnd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	95% (8/11/05)
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris (mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	95% (8/11/05)
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	100% (8/10/05)
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/12/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with wet surfaces and windy conditions
Level D PPE Laborers
Upper Mountain work---for rappel operations verify condition of equipment to ensure all is in proper working order, check anchoring system, and check line brake.
General site safety rules reviewed

Worksite ID/Clin No: CL000619-6

SS/Lead and No. of workers: L. MacDonald and (7) additional laborers/operators.

Task to be accomplished: Cut and package water pipe from upper mountain area.

Observations/Comments: The crew, assembled, briefed and commenced work at the site of the staged water pipe location. The excavator w/hydraulic shear attachment was utilized to cut the water pipe into sections. The crew collected the sections for placement in a cargo container. After stowage of the last section the container proceeded to the scale. The container was weighed, staged awaiting additional material and follow on transport off island. All personnel maintained the proper level of PPE for the duration of the assigned task, PPE level D.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 050

Date or Time Period
Saturday August 13, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 50-55

Temp High: 55-60

AM/PM: Partly cloudy, high overcast, calm winds, partly cloudy to /foggy conditions on the Upper Mountain.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Project Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Mountaineering procedures initiated to facilitate clean up of Debris Field #1 on the Upper Mountain. SSSH Petersen providing personnel field training for operation.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Continued removal of debris from Debris Field #1 on the Upper Mountain.3. Consolidated dispersed debris into numerous small stockpiles for subsequent removal along the perimeter of the Site 7 landfill.4. Emptied and removed one 55-gallon drum of suspected oil encountered at the Site 7 landfill.5. Total personnel: 21.

Manpower On Site

Personnel	Classification	Saturday	Hours	Off Island
BEESC				
		8-13-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiuyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Tim Atkinson	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-8	T-9	W-10	TH-11	F-12	S-13	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								6	8
Ford Lube/Fuel Tk	50-201		7	7	4	8	1		97.5	137.5
Ottawa Yard Goat-5 th wheel	50-320								10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329				7	2	2		96.5	96.5
Kenworth Tractor-5 th wheel	50-330								65	67
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351			6	3		8		48	64
Marooka MST 2200 Flatbed w/reel	50-352		11			7	7.5		84.5	123
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								8	8

Equipment Type	BEESC Number	M-8	T-9	W-10	TH-11	F-12	S-13	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501		11	11	11	11	4		121.5	144.5
Cat 988B loader w/bucket & forks	50-505		1	1	5				98	114
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800		4	3		3			41.5	41.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher Wheeler 4	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher Wheeler 4	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher Wheeler 4	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100						8		12	31
Cat D8K Winch Cat	51-101				10				20	42
Hitachi EX300LC Excavator	51-200		10	10	3	9	20		41.5	78.5
Hitachi EX120 Excavator	51-204		10	10	6	10	10		164	198
BobCat									0	19

Materials Received to be Used on or Incorporated into Site

Miscellaneous vehicle/equipment parts arrived by air charter.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	39	40
Activity: CL000807, Debris Removal at Site 7	5%	20%	25%
Activity: CL000702, Clean up of Debris Field #1	10%	40%	50%
Activity: CL000703, Clean up of Debris Field #2	0%	55%	55%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- An apparently oil-filled drum was encountered during the debris consolidation activities at Site 7. The liquid in the drum will be field-screened for the presence of PCBs.

Comments:

- None

Summary of Tonnage Weighed by CLIN as of 8/12/05 for Pay Units Denominated in Tons

CLIN 5 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000501-CL000518	Tram System Cable & Wire	105	101.895
TOTAL TONNAGE		105	101.895

CLIN 7 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000701	Drums	3	4.07
CL000702	Debris Field #1	20	10.21
CL000703	Debris Field #2	20	15.38
CL000704	Borrow Loading Area	2	3.57
TOTAL TONNAGE		45	33.23

CLIN 8 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000801	Welder	1	0
CL000802	Cargo Beach Debris	30	22.26
CL000803	Cargo Beach Road Debris	5	18.3
CL000804	Tank Areas	280	287.4
CL000805	Chevy Blazer	3	0
CL000806	Cummins Engines	36	27.55
CL000807	Site 7 Landfill	50	13.73
TOTAL		405	369.24

CLIN 9 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000901	Thermo Anchor	1	0.1
CL000902	Steel Tanks	6	1.08
CL000903	Pole Group A	3	1.86
CL000904	Pole Group B	1	0.47
CL000905	Pole Group C	2	3.48
CL000906	Pole Line 5	0.5	0.57
CL000907	Pole Group D	10	5
CL000908	Marston Matting	15	17
CL000909	Metallic Debris	100	49.29
CL000910	Armored Cable/Wire	10	3.33
CL000911	Armored Cable/Wire	25	27.4
CL000912	Armored Cable/Wire	1.5	1.6
CL000913	Antenna	1	1.69
CL000914	Antenna	1	2.3
CL000915	Concrete Foundations	1	9.84
TOTAL TONNAGE		178	125.01

CLIN 14 & 15 ACTIVITIES	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL001401	PCB Contaminated Soil	100	100
CL001501	Additional PCB Contaminated Soil	100	105.16
TOTAL TONNAGE		200	205.16

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05
CL000910	8/11/05	CL000619	8/11/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

8/14/05
Date

[Signature]
Site Superintendent Signature

8-14-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

The 0700 hours Safety Tailgate Mtg was held under familiar overcast skies, light wind conditions and a heavy fog on the mountain, but the mtg pronounces that some minor mountain access road repair shall be accomplished, after which most of the crew shall be sent to the mtn-top. . There was an early morning shower which has dampened the vicinity grounds so the rocks were slippery.

As per the approved Safety Plan, a procedural review in harnessing and hazards analysis had already been accomplished for the crew on the weather day - last Saturday. Today, a quick safety briefing was given atop the mtn at Site 34 for the belay/ rappel crew before the slope work commenced. QAR monitored progress in this debris recovery action which occurred despite a rolling fog and mist. Lots of debris recovered off the steep slope from the mtn top belay lines which supported two capable independent rappellers.

Improvised custom polyethelene sleds with heavy duty polyethylene (HDPE) sled runners were used to transport debris from the slope to the mtn-top. SSHO Toby Petersen was on-hand to direct the activity (Due to his 20 year US Navy /EOD response tenure, Mr. Petersen is heavily accomplished in belay/ rapple harnessing, lining, and knots). The rapelers were tied off topside at the D-8 dozer. When loaded with debris by the rapelers, the ATV's, and a Marooka was used to winch the custom sleds up the slope.

The QAR also investigated progress at both the East & West sides of the Site 7 landfill. Lots of heavy debris brought to the Site 7 staging area where cutting continued. On the West slope, more exposed heavy debris was isolated to piles as priority debris. The QAR inspected a rusting oil-filled 55 gallon drum that was partially lodged within the West slope berm and was slightly torn by the excavator. The drum is observed to be generally intact with the exception of the portion that was exposed to the elements. Visual inspection reveals this oil to look like a simple motor oil. The Ktr shall pump this product into a disposal drum, shall mix some of the oil with a parcel of soil for sampling, and shall perform an EnSyt test on it to determine the presence of PCB's.

Whether a waste oil-or-not; if the oil is void of the presence of PCB's, then our procedure is simplified. If void of PCB's, the oil may be considered to be a simple motor oil. It may be taken to the on-site oil burner, and burned off as a means to disposal. If this oil possesses some content of PCB's, it is

probably an electrical transformer cooling oil. If this is a case, the PDT should be aware of the following point as concerns our current contract:

Currently, the Contractor may be able to handle a drum or two of a PCB-contaminated oil but no more; and possibly current funding would be able to accommodate the potential discovery. It should be noted the contract currently possesses no provision for the discovery, collection and transport of PCB-liquids. Should several drums of PCB-oil be discovered as Site 7 is cleaned-up, Ktr simply does not possess the recovery and transport empty drums on-site to handle these volumes. PDT would have to arrive at a solution to this issue especially if these drums are slightly torn and therefore these contents exposed by the excavator as this one was.

Both the mtn-top crews and the small crew at Site 7 did an outstanding job today. QA photos obtained. QAR is informed the weather forecast looks good for tomorrow Sunday, 14 August – the standard “off”-day of the 7 day week. The “off”-day is therefore cancelled; QAR is informed the crew shall work tomorrow at Sites 7 and mtn-top Sites 33 & 34, also, as will the QAR.

QA Safety Inspections/Observations not noted in above comments:

BA Mills *ABE/QAR*

QAR Signature

Date

Supervisor's Initials

Date

15 Aug. '05

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 11/4" steel cables. Some above and on grnd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	95% (8/11/05)
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris (mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	95% (8/11/05)
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	100% (8/10/05)
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/13/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with wet surfaces and windy conditions
Level D PPE Laborers
Upper Mountain rappel work---Level D PPE with the addition of shin guards
Upper Mountain debris removal work---watch for sharp objects and handle in a safe manner to avoid cuts or abrasions, also watch for wood with imbedded nails to avoid puncture wounds when handling debris or walking over the site
General site safety rules reviewed

Worksite ID/Clin No: CL000702-7

SS/Lead and No. of workers: L. MacDonald and (7) additional personnel.

Task to be accomplished: Remove, package and transport debris from North facing slope of the upper mountain facilities, Debris field #1.

Observations/Comments: The removal of debris from the north facing slope required the use of rappelling equipment in order to maintain stationary positioning and provide enhanced fall protection due to the steep slope/grade. A bull dozer was utilized as a dead man for the purpose of anchoring the rappel lines. (2) Anchors per individual station were used. Each roper was equipped with an ascender which allowed hands free movement to collect debris and assisted topside personnel during ascent. A sled was configured so that collected debris could be ferried up the mountain. All personnel associated with the debris collection process stated above were trained on the use, care, inspection, stowage and emergency procedures of rappel operations and hardware on 08082005. Level D PPE with the addition of rappel equipment was prescribed and followed. Due to constant drizzle, fog and haze eye protection wasn't utilized.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 051

Date or Time Period
Sunday August 14, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 60-65

AM: Thick ground fog, calm winds, but Upper Mountain high overcast. PM: Partly cloudy to sunny, calm to light winds, thick smoke.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Excavation Site 31C was deepened approximately 1 foot, resampled (3), and screened the three samples for PCBs.

Type of Test	Method/Matrix	Quantity of Samples	Total
Enslys	Soil		3

Have Data Quality Objectives been achieved? Yes No N/A

Enslys standard sample preparation with QC test limits for validation of screen samples.

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Mountaineering procedures continuing on clean up of Debris Field #1 on the Upper Mountain. SSHO Petersen overseeing operation.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none"> 1. BEESC shift work started at 10:30 hrs. 2. Continued removal of debris from Debris Field #1 on the Upper Mountain. 3. Overexcavated Site 31C, collected additional samples, and screened the samples for PCBs. 4. Cut, removed, and loaded debris from Site 7. 5. Total personnel: 21.

Manpower On Site

Personnel	Classification	Sunday	Hours	Off Island
BEESC		8-14-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Tim Atkinson	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-8	T-9	W-10	TH-11	F-12	S-13/ S-14	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	8	8
Ford Lube/Fuel Tk	50-201		7	7	4	8	1/1	28	137.5	165.5
Ottawa Yard Goat-5 th wheel	50-320							0	10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329				7	2	2	11	96.5	107.5
Kenworth Tractor-5 th wheel	50-330							0	67	67
Marooka Track Truck MST 1500	50-350									
Marooka MST 2200 Dump Bed	50-351			6	3		8/8	25	64	89
Marooka MST 2200 Flatbed w/reel	50-352		11			7	7.5/7	32.5	123	155.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415							0	8	8

Equipment Type	BEESC Number	M-8	T-9	W-10	TH-11	F-12	S-13/ S-14	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426							0	21	21
Cat 980C loader w/bucket & forks	50-501		11	11	11	11	4	48	144.5	192.5
Cat 988B loader w/bucket & forks	50-505		1	1	5			7	114	121
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800		4	3		3		10	41.5	51.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100						8	8	31	39
Cat D8K Winch Cat	51-101				10			10	42	52
Hitachi EX300LC Excavator	51-200		10	10	3	9	10/2	44	78.5	122.5
Hitachi EX120 Excavator	51-204		10	10	6	10	10	46	198	244
BobCat								0	19	19

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	40	41
Activity: CL000807, Debris Removal at Site 7	0%	25%	25%
Activity: CL000702, Clean up of Debris Field #1	10%	40%	50%
Activity: CL000703, Clean up of Debris Field #2	0%	55%	55%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Deepened excavation at Site 31C and resampled pit (3 samples). Ensys screen results indicated all three pit bottom samples had concentrations of PCB greater than 0.5 ppm.

Comments:

- None

Summary of Tonnage Weighed by CLIN as of 8/12/05 for Pay Units Denominated in Tons

CLIN 5 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000501-CL000518	Tram System Cable & Wire	105	101.895
TOTAL TONNAGE		105	101.895

CLIN 7 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000701	Drums	3	4.07
CL000702	Debris Field #1	20	12.01
CL000703	Debris Field #2	20	15.38
CL000704	Borrow Loading Area	2	3.57
TOTAL TONNAGE		45	35.03

CLIN 8 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000801	Welder	1	0
CL000802	Cargo Beach Debris	30	22.26
CL000803	Cargo Beach Road Debris	5	18.3
CL000804	Tank Areas	280	287.4
CL000805	Chevy Blazer	3	0
CL000806	Cummins Engines	36	27.55
CL000807	Site 7 Landfill	50	13.73
TOTAL		405	369.24

CLIN 9 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000901	Thermo Anchor	1	0.1
CL000902	Steel Tanks	6	1.08
CL000903	Pole Group A	3	1.86
CL000904	Pole Group B	1	0.47
CL000905	Pole Group C	2	3.48
CL000906	Pole Line 5	0.5	0.57
CL000907	Pole Group D	10	5
CL000908	Marston Matting	15	17
CL000909	Metallic Debris	100	49.29
CL000910	Armored Cable/Wire	10	3.33
CL000911	Armored Cable/Wire	25	27.4
CL000912	Armored Cable/Wire	1.5	1.6
CL000913	Antenna	1	1.69
CL000914	Antenna	1	2.3
CL000915	Concrete Foundations	1	9.84
TOTAL TONNAGE		178	125.01

CLIN 14 & 15 ACTIVITIES	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL001401	PCB Contaminated Soil	100	100
CL001501	Additional PCB Contaminated Soil	100	105.16
TOTAL TONNAGE		200	205.16

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05
CL000910	8/11/05	CL000619	8/11/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seigt
CQCSM Signature

8/15/05
Date

Rollen [Signature]
Site Superintendent Signature

8-15-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

It is Sunday, the previously nominated "off" day for the general crew. Between 0700 and 0800 hours, there is a familiar heavy fog on the mtn under overcast conditions that is later discerned to be complicated by mainland forest fire smoke from the East. The winds are low however, and as predicted, the weather forecast is for improved conditions so the crew was slated to put in an 11 hour day today.

The field crews were activated and the fog continually lifted through the day. As reported, the crews were applied all day to the furthered excavation of the Site 7 landfill, the furthered-excavation of the Site 31 "C" (old Septic tank leach pit), and the continued slope debris retrievals at upper mtn Site 34. As reported, the old septic leach pit area EnSys results bore out that all samples revealed a presence of PCB's in excess of 0.5 PPM. The contaminated soils have been removed and isolated for transport. More excavation shall be required here to see if this spot "cleans-up".

Due to the life safety issue involved in the belay/ rapple upper slope work, the QAR was activated in monitoring the process. Although worsening weather conditions did not develop, this change possibility is always potentially available in rapid occurrence. The mtn slope work commenced in conditions of fog, but these conditions improved and cleared at the upper mtn by late morning, and then completely in the lower valley in the afternoon.

Many QA photos obtained today. The QA photos obtained during yesterday's effort, defined the obscured and adverse conditions the crew worked under. The many QA photos obtained today, better define the slopes in clarity for debris identification.

QA Safety Inspections/Observations not noted in above comments:

B.A. Milk *ACE/GAR*

QAR Signature

Date

Supervisor's Initials

Date

16 Aug. '05

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 11/4" steel cables. Some above and on grnd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	95% (8/11/05)
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris (mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	95% (8/11/05)
CL000911-9	Eight strands of 1 ½" armored cable. ±1000' ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	100% (8/10/05)
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/14/2005

Safety Meeting: 10:30 AM

Topics: Slips, trips and falls associated with wet surfaces and windy conditions
Level D PPE Laborers---rappel crew also wearing shin guards
Upper Mountain rappel work---rappel crew to be aware of falling rocks and location of sled at all times
Upper Mountain rappel work---support crew to use care not loosen rocks at top of mountain that may roll on to rappel crew, ensure rappel crew is at a location aside of the sled when it is hauled to the top of the mountain
Rappel equipment (ropes and hardware) has been inspected and is in good working order
General site safety rules reviewed

Worksite ID/Clin No: CL000702-7

SS/Lead and No. of workers: L. MacDonald and (7) additional personnel.

Task to be accomplished: Remove, package and transport debris from North facing slope of the upper mountain facilities, Debris field #1.

Observations/Comments: This report is a continuation of the previous day's activities. All rappelling hardware was inspected prior to operations. To maintain continuity, the same individuals from 08132005 conducted rappelling ops. The Morooka with cable spooling attachment was utilized to haul up the sled during debris collection. Level D PPE and rappel associated equipment was observed during the collection process.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 052

Date or Time Period
Monday August 15, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 55-60

AM: Thick smoke, calm winds.
 Upper Mountain).

PM: Partly cloudy, smoke haze, sun breaks, calm winds (windier on

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: Yes. Pole Group C review.
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Excavation Site 31C was deepened approximately 2 feet, resampled (3), and the three samples screened for PCBs. One sample and one duplicated sample were collected for analytical testing to confirm screening results.

Type of Test	Method/Matrix	Quantity of Samples	Total for Site 31C
Ensys	Soil	3	6

Have Data Quality Objectives been achieved?

Yes No N/A

Ensys standard sample preparation with QC test limits for validation of screen samples.

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples
PCB	EPA 8082	1	1

Have QA and QC samples been collected in the specified quantity?

Yes No N/A

Have samples been properly labeled and packaged?

Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No N/A

Only soil samples were collected and the only analytes tested for are PCBs.

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D
Was any work activity conducted within a confined space? Yes No N/A
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A
Were approved decontamination procedures used on workers and equipment as required? Yes No N/A
Was a Job Safety Meeting held this day? Yes No N/A
Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A
Was hazardous waste/materials released into the environment? Yes No N/A
Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Mountaineering procedures continuing on clean up of Debris Field #1 on the Upper Mountain. SSHO Petersen overseeing operation. Mountaineering work completed today.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Continued removal of debris from Debris Field #1 and Debris Field #2 on the Upper Mountain.3. Overexcavated Site 31C again, collected additional samples, and screened the samples for PCBs.4. Continued cutting, removing, and loading debris into connexes at Site 7.5. Total personnel: 21.

Manpower On Site

Personnel	Classification	Monday	Hours	Off Island
BEESC				
		8-15-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		11	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Tim Atkinson	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								8	8
Ford Lube/Fuel Tk	50-201	4							137.5	165.5
Ottawa Yard Goat-5 th wheel	50-320								10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329								96.5	107.5
Kenworth Tractor-5 th wheel	50-330								67	67
Marooka Track Truck MST 1500	50-350	2								
Marooka MST 2200 Dump Bed	50-351	11							64	89
Marooka MST 2200 Flatbed w/reel	50-352	10							123	155.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								8	8

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501								144.5	192.5
Cat 988B loader w/bucket & forks	50-505	3							114	121
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800								41.5	51.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100								31	39
Cat D8K Winch Cat	51-101								42	52
Hitachi EX300LC Excavator	51-200	8							78.5	122.5
Hitachi EX120 Excavator	51-204	10							198	244
BobCat									19	19

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	41	42
Activity: CL000805, Chevy Blazer Removal			95%
Activity: CL000807, Debris Removal at Site 7	5%	25%	30%
Activity: CL000702, Clean up of Debris Field #1	40%	50%	90%
Activity: CL000703, Clean up of Debris Field #2	5%	55%	60%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Completed CLIN Activity CL000805.
- Ensurs screen soil testing indicated PCB concentrations were below 0.5 ppm at a depth of approximately 4 feet below the ground surface at Site 31C. One sample and one duplicate sample were collected for analytical testing to confirm screening results.

Comments:

- None

Summary of Tonnage Weighed by CLIN as of 8/12/05 for Pay Units Denominated in Tons

CLIN 5 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000501-CL000518	Tram System Cable & Wire	105	101.895
TOTAL TONNAGE		105	101.895

CLIN 7 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000701	Drums	3	4.07
CL000702	Debris Field #1	20	21.58
CL000703	Debris Field #2	20	15.38
CL000704	Borrow Loading Area	2	3.57
TOTAL TONNAGE		45	44.6

CLIN 8 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000801	Welder	1	0
CL000802	Cargo Beach Debris	30	22.26
CL000803	Cargo Beach Road Debris	5	18.3
CL000804	Tank Areas	280	323.61
CL000805	Chevy Blazer	3	2.12
CL000806	Cummins Engines	36	27.55
CL000807	Site 7 Landfill	50	23.05
TOTAL		405	416.89

CLIN 9 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000901	Thermo Anchor	1	0.1
CL000902	Steel Tanks	6	1.08
CL000903	Pole Group A	3	1.86
CL000904	Pole Group B	1	0.47
CL000905	Pole Group C	2	3.48
CL000906	Pole Line 5	0.5	0.57
CL000907	Pole Group D	10	5
CL000908	Marston Matting	15	17
CL000909	Metallic Debris	100	49.29
CL000910	Armored Cable/Wire	10	3.33
CL000911	Armored Cable/Wire	25	27.4
CL000912	Armored Cable/Wire	1.5	1.6
CL000913	Antenna	1	1.69
CL000914	Antenna	1	2.3
CL000915	Concrete Foundations	1	9.84
TOTAL TONNAGE		178	125.01

CLIN 14 & 15 ACTIVITIES	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL001401	PCB Contaminated Soil	100	100
CL001501	Additional PCB Contaminated Soil	100	105.16
TOTAL TONNAGE		200	205.16

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05
CL000910	8/11/05	CL000619	8/11/05	CL000805	8/15/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijt
CQCSM Signature

8/16/05
Date

Rollin Seibel
Site Superintendent Signature

8-16-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

The 0700 hours Safety Tailgate Mtg was held under hazy skies due to the continuing forest fires smoke coming from the mainland. Clearing at vicinity lower altitudes occurred through the day but the high haze remained. Standard issues iterated for the crew.

As reported, the samplers were applied to the soils over-excavation at Site 31 "C" (the septic leach pit site) for PCB's for an additional 2 feet in depth. This hole finally cleaned up at about 4 feet in depth for PCB's with this soils removal. Crews also applied at Site East slopes, as well as the mtn top Sites No. 33 & 34 for additional debris collection. QA photos obtained .

The Weekly tele-conference is scheduled for tomorrow Tues., 16 Aug., at 0900 hours. The regional Gambell and Savoonga-based visitors are also scheduled for arrival tomorrow at 1230 hours, weather-dependent.

QA Safety Inspections/Observations not noted in above comments:

B.A. Mills *ACE/GAR*

QAR Signature

Date

Supervisor's Initials

Date

17 Aug., '05

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 11/4" steel cables. Some above and on grd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	95% (8/11/05)
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris (mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	95% (8/15/05)
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	95% (8/11/05)
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	100% (8/10/05)
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/15/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with wet surfaces, uneven surfaces, and windy conditions
Level D PPE Laborers plus shin guards for personnel involved in rappel work
Upper Mountain rappel work hazards---falling rocks, unstable ground/loose rocks, lines under tension
General site safety rules reviewed

Worksite ID/Clin No: CL000702-7

SS/Lead and No. of workers: L. MacDonald and (8) additional personnel.

Task to be accomplished: Remove, package and transport debris from North facing slope of the upper mountain facilities, Debris field #1.

Observations/Comments: This report (3rd) is of collection process, debris removal on the north faced slope of the upper mountain area. Rappel equipment inspected prior to use. Personnel assigned this task on 08132005 remain the same. Only (1) rappel station was operational during the hours of 0745-1115. Do to other commitments Troy Whitmore was unavailable until then. The collection of debris concluded at approximately 1430. All debris was transported via Morooka to the scale, weighed and staged for either burning or off island transport.

FOLLOW-UP PHASE CHECKLIST

Contract No.: W911KB-04-C-0019

Date: August 15, 2005

Definable Feature: Pole Group C

Government Representative Notified 0 Hours in Advance

CLLIN Activities:

CLIN 11---CL0011105 and CL001106

I. Personnel Present:

Name	Position	Company/Government
H.Scrypt	CQCSM	BEESC

II. Identify full compliance with procedures identified at preparatory, including plans, specifications, and submittals.

Walked the Pole Group C line from the camp site (former airport terminal) to the end of pole group C in order to gauge the status of removal of the poles and associated debris.

III. Completed Work

Ensure work is complete and in compliance with contract requirements. If not, what action is taken? Yes. All poles had been removed along the line as well as coiled black wire, thermo anchors, and long sections of wires/cables exposed on the ground surface. Variable lengths of isolated wood were noted along the line, but otherwise, all other materials had been removed.

IV. Resolve any differences.

Record Drawings Updated: N/A

Date

Corrective Action Log Updated: None required. The remaining wood is isolated pieces of dimensional lumber, none of which consists of multiple sections together in any one locale. The observed lumber was generally weathered to state of high deterioration.

Date

V. Check Safety.

Review job conditions using EM-385-1-1 and job hazard analysis.

Job Hazard/Safety Program Reviewed for Effectiveness:

August 15, 2005

Date

Comments: No safety incidents occurred during the CLIN activities.


Quality Control Representative

Quality Assurance Representative

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 053

Date or Time Period
Tuesday August 16, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM/PM: Thick smoke/fog, calm winds.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: Yes. Final Clean Up and Seeding DFW.
 Initial: No
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total for Site 31C

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D
Was any work activity conducted within a confined space? Yes No N/A
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A
Were approved decontamination procedures used on workers and equipment as required? Yes No N/A
Was a Job Safety Meeting held this day? Yes No N/A
Were there any "Lost Time" accidents this day? (if YES, attach copy of completed accident report) Yes No N/A
Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

A combination of thick fog and smoke reduced visibility on the Upper Mountain to distances that were deemed unsafe to work in. Clean up operations were terminated for the day and the field crew members moved to work areas on the Lower Mountain.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Continued removal of debris from Debris Field #1 and Debris Field #2 on the Upper Mountain until approximately mid-day. At that time, foggy/smokey weather conditions reduced visibility for field personnel to unsafe working distances.3. Initiated surficial debris clean up in the AFS Ops area.4. Continued cutting, removing, and loading debris into connexes at Site 7.5. Total personnel: 21.

Manpower On Site

Personnel	Classification	Tuesday	Hours	Off Island
BEESC		8-16-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Tim Atkinson	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								8	8
Ford Lube/Fuel Tk	50-201	4	8						137.5	165.5
Ottawa Yard Goat-5 th wheel	50-320								10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329		6						96.5	107.5
Kenworth Tractor-5 th wheel	50-330								67	67
Marooka Track Truck MST 1500	50-350	2	10							
Marooka MST 2200 Dump Bed	50-351	10	10						64	89
Marooka MST 2200 Flatbed w/reel	50-352	10	7						123	155.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								8	8

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501								144.5	192.5
Cat 988B loader w/bucket & forks	50-505	3	1						114	121
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800		2						41.5	51.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100		4						31	39
Cat D8K Winch Cat	51-101								42	52
Hitachi EX300LC Excavator	51-200	8	6						78.5	122.5
Hitachi EX120 Excavator	51-204	10	10						198	244
BobCat									19	19

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact? Yes No

Are there any Government-caused delays or potential finding of fact? Yes No

Are there any unforeseeable or weather-related delays? Yes No

A combination of thick fog and smoke resulted in termination of activities on the Upper Mountain and lowered worker's efficiency in the Lower Mountain area.

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	42	43
Activity: CL001104, Surficial Debris Clean Up			50%
Activity: CL000807, Debris Removal at Site 7	5%	35%	40%
Activity: CL000702, Clean up of Debris Field #1	2%	90%	92%
Activity: CL000703, Clean up of Debris Field #2	10%	60%	70%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- The weekly BEESC/USACE teleconference meeting was conducted at 09:00.

Comments:

- None.

Summary of Tonnage Weighed by CLIN as of 8/12/05 for Pay Units Denominated in Tons

CLIN 5 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000501-CL000518	Tram System Cable & Wire	105	101.895
TOTAL TONNAGE		105	101.895

CLIN 7 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000701	Drums	3	4.07
CL000702	Debris Field #1	20	24.38
CL000703	Debris Field #2	20	15.38
CL000704	Borrow Loading Area	2	3.57
TOTAL TONNAGE		45	47.4

CLIN 8 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000801	Welder	1	0.90*
CL000802	Cargo Beach Debris	30	21.89*
CL000803	Cargo Beach Road Debris	5	20.91*
CL000804	Tank Areas	280	318.96*
CL000805	Chevy Blazer	3	2.12
CL000806	Cummins Engines	36	27.76*
CL000807	Site 7 Landfill	50	74.71

* Revised Tonnage

TOTAL

405

467.25

CLIN 9 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000901	Thermo Anchor	1	0.1
CL000902	Steel Tanks	6	1.08
CL000903	Pole Group A	3	1.86
CL000904	Pole Group B	1	0.47
CL000905	Pole Group C	2	3.48
CL000906	Pole Line 5	0.5	0.57
CL000907	Pole Group D	10	5
CL000908	Marston Matting	15	17
CL000909	Metallic Debris	100	54.74
CL000910	Armored Cable/Wire	10	3.33
CL000911	Armored Cable/Wire	25	27.4
CL000912	Armored Cable/Wire	1.5	1.6
CL000913	Antenna	1	1.69
CL000914	Antenna	1	2.3
CL000915	Concrete Foundations	1	9.84

TOTAL TONNAGE

178

130.46

CLIN 14 & 15 ACTIVITIES	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL001401	PCB Contaminated Soil	100	100
CL001501	Additional PCB Contaminated Soil	100	105.16

TOTAL TONNAGE

200

205.16

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05
CL000910	8/11/05	CL000619	8/11/05	CL000805	8/15/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijt
CQCSM Signature

8/17/05
Date

Roller Backof
Site Superintendent Signature

8-17-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature Date

Site Superintendent Signature Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A

Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

The 0700 hours Safety Tailgate Mtg was held under a familiar overcast condition that continues to be complicated by forest fire smoke. The lack of wind to move this smoke away coupled with an inbound low pressure system from the South served to gravitate what was a rising, thinning break-up of fog to a thick, lowland, obscured condition for the remainder of the day and the evening.

The scheduled 0900 hours tele-conference conveyed project updates and prospective future dates for project tonnages and completion. Preparatory Planning mtg held at 0945 hours for the Grading and seeding element of the contract. Procedural applications discussed for the nominated areas, to be commenced sometime this weekend and early next week. Site Supt Goebel expects the project to wrap in field work around Tues. or Wed., 23 or 24 August, weather dependent. Although not mentioned in this report, the slated 1230 hours arrival of the local regional Gambell and Savoonga rep's visit for a site tour was cancelled again due to weather – Gambell and Savoonga was reportedly already socked-in with fog in the morning, and this site developed the non-negotiable heavy condition also just after the noon hour.

As reported, more debris taken off the mtn top in the morning until the adverse atmospheric conditions halted that effort. That crew came off the mtn at lunch and for the afternoon shift proceeded to the AFS Ops area perimeter and Site 7 again for more debris collections there. Prior Bldg 98 PCB soils explorations revealed the evidence of PCB's. The samplers shall be applied to those pits again tomorrow Wed., 17 August.

The oil drum discovered containing at Site 7 West was apparently pumped off to an empty transport drum yesterday afternoon. That drum is still situated at the Site 7 West slope location; it shall be transferred to the staging area for subsequent testing tomorrow Wed., 17 August – weather and flights dependent. It was determined today that this probably non-spec' oil (probable waste oil) shall be Chlor-'n-Test and EnSys sample tested for PCB's and heavy (toxic) metals (Should this drum have tested clean for PCB's, the original suggestion to burn it here, is cancelled. BEESC PM Steve Johnson is due to fly-in tomorrow and it is reportedly he shall bring with him a Chlor-'n-Test kit for his crew). This transport drum shall therefore be better identified before it is labeled.

The BEESC PM Steve Johnson forwarded a CLIN's overages & underages unsolicited proposal of prices letter today; the Ktr is reminded that the ACoE is interested in debris first, PCB soils second. With the recent mod' addition of additional tonnage for debris and/ or soils, Site Supt Goebel believes there to be about 85 tons left to spare for the contract. Most of the large or heavy objects have been collected and weighed already; most of the remaining debris is light-machine or hand-pick debris. The

old Chevrolet Blazer has been staged; 22 tons of suspect PCB-contaminated soil obtained today from the Bldg 98 pits. Site 7 East & West requires additional debris pick-up.

The obscured ambient conditions cancelled any opportunity for QA photos this day, but many photos were transmitted to the PDT today by the QAR from operations the day prior. From what I could see, safety observed throughout.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills ALE/GAR

QAR Signature	Date	Supervisor's Initials	Date
	18 Aug. '05		

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 11/4" steel cables. Some above and on grnd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	95% (8/11/05)
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	95% (8/15/05)
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	95% (8/11/05)
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/16/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with uneven surfaces and loose footing
Level D PPE Laborers
Heavy equipment operation---operators to have three points of physical contact when entering and exiting machinery/equipment.
Vertical work---the use of fall protection devices required above heights above 6 feet
Heavy lifting---center the load with legs during debris removal
Upper Mountain---use extreme care while traversing the CAT road to the Upper Mountain
General site safety rules reviewed

Worksite ID/Clin No: CL000807-8

SS/Lead and No. of workers: L. MacDonald and (3) additional personnel.

Task to be accomplished: Remove, package and transport debris from East side of Cargo Beach Road embankment east of Site 7 Landfill.

Observations/Comments: Current activity at Site 7 landfill involves the use of heavy equipment for debris collection. Work within this footprint has taken place over the course of the last few days. Consolidated debris areas were observed along the landfill. Wooden materials removed for the site were staged separately to allow for on island disposal by burning. An excavator was utilized to place the staged material into a waiting Morooka. The excavator with shear cutting attachment was placing materials into a vertical cargo container. All debris collected (with the exception of wood) will be weighed and staged in cargo containers for off island disposal. The prescribed level of PPE required for this task was D.

PREPARATORY INSPECTION CHECKLIST

CONTRACT NO: W911-KB-04-C-0019

DATE: 8/16/05

PROJECT: White Alice Tram and Debris Removal

DEFINABLE FEATURE OF WORK: Final Cleanup and Seeding

GOVERNMENT REPRESENTATIVE NOTIFIED 48 HOURS IN ADVANCE (QAR off island).

I. Persons Required To Attend

Name	Position	Company/Government
Henry Seipt	CQCSM	BEESC
Rollie Goebel	Site Supervisor	BEESC
Mac McDonald	Crew Foreman	BEESC
Toby Petersen	SSHO	BEESC
Sam Mills	QAR	USACE

II. Contractor/Subcontractors Involved With Activity

1. Yes. Insurance current & on hand?
2. No construction subcontractors used in field Insurance current & on hand?
3. _____ Insurance current & on hand?

III. Submittal Review

Have all transmittals been submitted and approved? Yes. All project plans have been submitted to the USACE and have been approved.

What items are delinquent or awaiting comments/approval?

1. No items are delinquent or awaiting comments/approval.
All equipment and personnel to complete the scope of work are present on Saint Lawrence Island.
Testing of equipment has been completed on island prior to its utilization on site work.
No field or analytical testing are required in this DFW.
2. _____

What items require re-submittal and why? _____

1. None.
2. _____
3. _____
4. _____

PREPARATORY INSPECTION CHECKLIST

V. List of Specific Construction Tolerances/Testing

- 1. None. No sort of tolerance specification or testing is associated with the DFW. However, some debris will require size reduction to enable loading of the material into sea-going containers.
- 2. A visual inspection will be completed by BEESC and USACE personnel to determine if final clean up conforms to requirements in the scope of work.
- 3. _____

Are all reference publications/manufacturer's recommendations on hand and reviewed? _____ N/A

VI. Material/Equipment Review

- Are all materials as submitted? _____ Yes
- Do materials comply with Buy America Act? _____ N/A
- Is equipment required? _____ Yes
- Have equipment checklists been provided? Provided in daily report. _____ Yes

VII. Safety/Job Hazard Analysis

- Was Hazard Analysis submitted for review prior to prep? In submitted Work and Demo Plan _____ Yes
- Are there additions for JHA and were they incorporated? _____ No
- Are Material Safety Data Sheets on hand and reviewed? In binder in Site Supervisor's office. _____ Yes
- Does Resident Office have copies of 1566 and insurance? _____ Yes
- Have items in Site Safety Health Plan been reviewed? _____ Yes
- Is there a confined space? _____ No

VIII. Any Additional Concerns

- Are there permits required for work? _____ No
- Is notification for outage required? _____ No
- What is time frame for any notifications? _____ N/A
- What NAS Numbers are covered/used with this work? _____
- Did CQC cover all elements on their checklists? _____ Yes
- Has prep been completed successfully? _____ Yes

H. M. Sest
Quality Control Representative

Quality Assurance Representative

2.4 TASK-SPECIFIC ACTIVITIES

The Scope of Work requires that a variety of tasks and activities be accomplished for each of the work sites. Those tasks and activities include the following:

- **Barge Loading and Unloading.** Excavated soil and demolition debris will be packaged at the site in Conexes. Workers will remain at a safe distance during the loading of these Conexes and will not stand under the loader or adjacent to the Conex being loaded.
- **Concrete Pad Testing and Removal.** Concrete transformer pads are suspected of containing PCBs from spills. PCB-contaminated concrete will be mechanically removed to a depth of approximately 0.25 inch. Appropriate worker protection will be required for this activity in accordance with the activity hazard analysis (AHA) (Appendix A).
- **PCB Soil Removal and Disposal.** A limited amount of stained soil will be removed and excavated during operations. The soil will be taken to a lined stockpile area where it will be tested to determine disposal options in accordance with the EPP.
- **Cat Trail Repair.** The Cat Trail to the Upper Mountain is completely washed out in one location and is in generally poor condition in many other sections. The trail must be repaired to access the Upper Mountain with construction equipment, and significant repair work is necessary. Because the Cat Trail is very steep and exceeds the EM 385-1-1, Section 21.1.07b, maximum allowable grade of 10 percent, a waiver request was submitted to the USACE to use the trail with the existing grades and has been approved.
- **Debris Removal and Staging.** Many of the sites at the NE Cape facility have miscellaneous debris ranging in size from very small to large items, such as old D-8 tractors. This debris will be collected manually and by using heavy equipment. Most of the debris can be reached from existing roads; in some cases, it will be collected after road improvement is completed. In instances where equipment is required for debris removal in the tundra, low-ground-pressure equipment will be used. The debris will be hauled to one or more staging areas, as directed by the WDP. Debris will be wetted and covered as necessary before hauling to prevent visible emissions. Debris will be placed in appropriate storage containers and staged at the Conex Storage Area shown on Figure 11.
- **Water Collector Decommissioning.** Wells at the site will be decommissioned in accordance with Alaska Department of Environmental Conservation procedures and the WDP.
- **Tower Demolition.** Demolition of the tram system will involve special requirements described in the WDP. These include specialized use of fall protection and use of heavy equipment and/or vehicles on grades in excess of 10 percent, which is normally prohibited by the USACE's EM 385-1-1. Because of the extreme slopes of the natural terrain, which cannot be engineered to conform to the 10 percent slope rule, a waiver

1 request that details provisions for safe work activity during tower demolition has been
2 submitted via BEESC Letter 23036-012 to the USACE and approved.

3 ■ **Grass Seeding Operations.** Revegetation of various areas disturbed during project
4 activities will be required. Seeding will be required only in areas where work
5 operations disturb previously undisturbed areas and must be accomplished between
6 spring breakup and July 15 or after August 20. Seeding and fertilization will be
7 performed with the use of manual broadcast-type spreaders.

1

Table 4-6 Area Requiring Seeding

Site/Location	Approximate Area (acres)	Figure
Metallic debris area northwest of AFS Ops Area	1	3
Cargo Beach debris area	1	3
Cargo Beach Road Landfill (Site 7)	5	3
AFS Ops Area	15	3 and 9
Receiver Building Area (Site 24)	1	3
Direction Finder Area (Site 25)	1	3
White Alice Communications Site (Site 31)	4	3, 7, and 8
Lower Tram Building (Site 32)	1	3 and 6

2 Approximately 29 acres will require seeding. The Site Superintendent and the USACE QAR
 3 will walk the sites listed in Table 4-6 and stake the areas in need of seeding to establish the
 4 perimeters. The staked areas will be surveyed and the acreage of each area will be established
 5 using AutoCAD. The survey information, the AutoCAD file, and the acreage calculations
 6 will be submitted to the USACE Contracting Officer for confirmation by the USACE.

7 Native grass and plant seed adapted to the St. Lawrence Island environment will be spread in
 8 accordance with the manufacturer's instructions. The seed mixture will be proportioned by
 9 weight as follows:

Common Name	Mixture % by Weight	% Pure Live Seed
"Tundra" Glaucous Bluegrass	30	70
Norcost Bering Hairgrass	30	70
"Arctared" Red Fescue	40	70

10 Seed will be applied at a uniform rate of 30 pounds per acre. Fertilizer will be applied at a
 11 rate of 550 pounds per acre and will have a nitrogen-phosphorus-potassium ratio of 20 percent
 12 nitrogen, 20 percent phosphorus, and 10 percent potassium. Grass seed and fertilizer
 13 application will be limited to after breakup to July 15 or after August 20 up to the presence of
 14 no more than 2 inches of crustless snow.

4.3.9 Final Debris Cleanup

A final surface debris cleanup will be performed in the building demolition and debris cleanup areas to remove remaining pieces of metal, wood, transite siding, and other debris. ACM items having a long axis equal to or greater than 1 inch will be removed. Non-ACM items having a long axis equal to or greater than 3 inches will be removed. Where partially buried debris is encountered, it will either be removed completely or cut off at the ground surface. A work crew hand-picking the debris will perform the final debris cleanup. The final debris cleanup will be conducted in the areas shown on Figures 6, 8, 9, and, the areas identified in Table 4-5. A total of approximately 34 acres will be cleaned. The Site Superintendent and the USACE QAR will walk the sites listed in Table 4-5 and stake the areas in need of final cleaning to establish the perimeters. The staked areas will be surveyed and the acreage of each area will be established using AutoCAD. The survey information, the AutoCAD file, and the acreage calculations will be submitted to the USACE Contracting Officer for confirmation by the USACE.

Table 4-5 Areas Requiring Final Surface Debris Cleanup

Site/Location	Approximate Area (acres)	Figure
Metallic debris area northwest of AFS Ops Area	1	3
Cargo Beach debris area	1	3
Cargo Beach Road Landfill (Site 7)	5	3
AFS Ops Area	20	3 and 9
Receiver Building Area (Site 24)	1	3
Direction Finder Area (Site 25)	1	3
White Alice Communications Site (Site 31)	4	3, 7, and 8
Lower Tram Building (Site 32)	1	3 and 6

4.3.10 Seeding

Seeding will be accomplished at the locations identified in Table 4-6 after all removal and final cleanup are complete. Before commencing work, BEESC will coordinate seeding activities with the USACE QAR.

DFW SPECIFIC HAZARDS

- 1 ■ Equip one person per field area with a firearm. Individuals assigned firearms will
2 keep the weapon under safe control at all times. After working hours, all firearms will
3 be locked and secured by the SS.

4 **4.3.2 Foxes**

5 Rabid cross foxes may also be encountered at the NE Cape site. Extreme caution should be
6 exercised to avoid any work activities in close proximity to a cross fox. Work in areas that
7 cross foxes may inhabit should always be performed in pairs.

8 **4.4 TASK-SPECIFIC HAZARDS**

9 The following sections describe in greater detail the hazards associated with each specific
10 task. Appendix A contains AHA tables, completed in accordance with the USACE's EM
11 385-1-1, identifying the activity, potential hazards, controls and inspections, training, PPE,
12 and monitoring required for each task.

13 **4.4.1 Nonhazardous Debris Removal and Staging**

14 Nonhazardous debris removal and staging will be performed in accordance with the WDP.
15 One of the hazards involved with this activity is lifting debris or drums with sharp edges. The
16 edges of the metal debris can cause cuts. Level D PPE will be worn while collecting and
17 staging nonhazardous debris. All workers lifting nonhazardous debris will wear leather or
18 cut-resistant gloves. Lifting the debris can cause back problems if a worker tries to lift too
19 much or lifts in an improper fashion. Debris weighing more than 60 pounds will be lifted by
20 at least two people. When lifting the debris, ensure that proper lifting techniques are used,
21 including bending at the knees and keeping one's back vertical. Some of the debris may be
22 lifted and staged by heavy equipment. Site workers need to be aware of vehicular traffic at all
23 times and stay in clear view of the equipment operators. If heavy equipment is used, then site
24 workers will wear reflective traffic vests to increase their visibility.

25 Debris Field No. 1 is located north of the Upper Tram Building at Site 33/34 on the mountain
26 slope under and adjacent to the tramline. It consists of miscellaneous wind-blown debris.
27 This debris field is not reported to contain containerized hazardous and toxic waste (Con-

1 ITW) or drums. The primary difficulty and risk of work at this debris field is related to the
2 extreme slope of the mountainside. In most places, the slope approaches or exceeds 45
3 degrees. To accomplish this cleanup, special worker safety precautions are required.

4 A tracked trailer or skid will be modified to serve as a collection skid. The intent is to use a
5 skid-mounted winch or a winch-equipped bulldozer to lower the collection skid down slope to
6 the desired point. A safety line mounted to a separate fixed object capable of holding the
7 loaded skid will be payed out with the haul cable to secure the skid should the haul cable fail.

8 After the collection skid is positioned, two workers outfitted with safety harnesses will
9 descend fixed 11-millimeter (mm) static lines, one on each side of the skid. The workers will
10 self-belay with Jumar ascending devices that attach each worker to a static line. The Jumar is
11 hand-operated by the worker and allows him or her to ascend or descend at will. The workers
12 will be trained to prevent slack from forming in the static line to which they are attached.
13 This will prevent the workers from falling more than a short distance should footing be lost or
14 other incident occur. Once in position alongside the collection skid, the workers will collect
15 the debris by hand and place it in the skid. At no time will the workers be allowed to descend
16 behind the collection skid. They will always work alongside or above it.

17 When the collection skid is full, the workers will ascend the slope by walking uphill and
18 sliding the Jumar ahead of them to maintain protection should they fall. Once they have
19 reached the top and are secure, the collection skid will be winched to the top of the slope. The
20 safety line will be hoisted concurrently, but not tensioned, to act as an immediate brake should
21 the haul cable fail. At the top of the slope, the collection skid will be lifted and dumped into a
22 Morooka for transport down the mountain to the truck scale and baling facility.

23 **4.4.2 Antenna and Power Pole Removal**

24 Antenna and power pole removal will be performed in accordance with the WDP. The
25 antennas and power poles are made of either wood or metal. Some of the poles are held in
26 place with guy wires. Hazards associated with the removal of these structures differ slightly
27 depending on whether the pole is wood or metal. Level D PPE will be worn while removing

1 Unlike the nonhazardous debris removal activities, some of the drums may contain unknown
2 or uncharacterized contaminants. If a drum is determined to contain liquid, the SSHO will be
3 notified immediately, and removal will cease. Unqualified personnel will be removed from
4 the immediate vicinity, and trained drum samplers will be used. If the drum cannot be
5 sampled immediately, the drum will be marked accordingly. Drums that appear to contain
6 liquid will be sampled in accordance with the EPP and the SAP. PPE will be worn in
7 accordance with the AHA tables in Appendix A while unknown drums are sampled.
8 Generally, a photoionization detector will be used to monitor the concentrations of organic
9 vapors before and during sampling. Drums with unknown contents will be placed in overpack
10 containers and transported to a separate section of the staging area for characterization. At the
11 staging area, the drums will be cleaned, if necessary, and then crushed.

12 **4.4.4 Miscellaneous Con-HTW Removal**

13 There are no known Con-HTW items remaining at the site. However, miscellaneous Con-
14 HTW items may be encountered while performing the final debris cleanup. Miscellaneous
15 Con-HTW removal will be performed in accordance with the WDP. The hazards associated
16 with the removal of Con-HTW are primarily due to the chemicals in the matrix being sampled
17 or removed. Physical hazards associated with sampling Con-HTW include opening unknown
18 containers. Unknown containers will be opened in Level C PPE (with high-efficiency
19 particulate air [HEPA]/organic vapor [OV]/acid gas [AG] combination-type cartridges) and, if
20 necessary, the workers opening the containers will wear leather gloves over chemical-
21 protective gloves to protect against pinch points and cuts. Once the material in a container
22 has been identified, it will be removed and staged for disposal. One of the physical hazards
23 associated with this comes from lifting and carrying the items. Workers will be trained in
24 proper lifting techniques to minimize the potential for injury.

25 **4.4.5 Grass Seeding Operations**

26 This activity will be performed in accordance with the WDP. Hazards associated with this
27 activity are limited. Spreaders will be used to distribute seed in areas where site activities
28 have stressed the native vegetation. Physical hazards include being struck by vehicles being

1 used to spread seed. Site workers will be advised to be aware of vehicular traffic and will be
2 required to wear reflective vests when working around equipment. Operators will be
3 informed daily and as often as necessary of the workers' whereabouts. Another physical
4 hazard is associated with lifting heavy bags of seed. Lifting bags weighing more than 60
5 pounds will require two workers. Workers will be instructed in proper lifting techniques to
6 minimize the potential for injury.

7 Site restoration will include the use of heavy equipment to blade out excavated terrain, debris
8 removal areas, and areas where demolition has taken place. Physical hazards associated with
9 this activity are posed by the use of heavy equipment in areas where workers are performing
10 specific tasks. All site workers will wear reflective vests to increase visibility while working
11 around heavy equipment. Workers will be trained about the operator's visibility limitations.
12 Operators will be informed daily and as often as necessary of the workers' whereabouts.
13 Manual lifting may be required during the site restoration activities. Site workers will be
14 trained in proper lifting techniques to minimize the potential for injury.

15 **4.4.6 PCB-contaminated Soils Removal and Disposal**

16 PC-contaminated soil will be removed and disposed of in accordance with the WDP. The
17 stained soil will be excavated manually and/or with heavy equipment, depending on the
18 quantity of soil. Workers will be trained about the operator's visibility limitations. Operators
19 will be informed daily and as often as necessary of the workers' whereabouts. A designated
20 transportation route will be established to isolate the area of vehicular traffic. This route will
21 be communicated to the site workers. Site workers will also wear reflective vests to increase
22 their visibility. Soil removed manually will be dug with shovels and placed in the appropriate
23 container. There is a potential for injury if proper lifting techniques are not used. The
24 workers will be trained in proper lifting techniques.

25 **4.4.7 Water Collector Decommissioning**

26 Water collector decommissioning will be performed in accordance with the WDP. The CMP
27 will be extracted with heavy equipment, and the void will be backfilled with borrow material.

GENERAL PROJECT HAZARDS

Activity Hazard Analysis No. 1 Debris Removal and Staging		Analyzed By/Date: _____ Reviewed By/Date: _____
Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Removal by hand and General Site Work	Slips, trips, falls	<ul style="list-style-type: none"> • Use care during foot travel, and clear the area of slip and trip hazards • Use barricades • Use guardrails • Cover holes.
	Back Injury	<ul style="list-style-type: none"> • Use proper lifting technique. • Buddy system for heavy lifts • Use lifting/transport equipment
	Crushing Injuries	<ul style="list-style-type: none"> • Use caution when setting loads. • Machine guards/enclosures • Wear required PPE <ul style="list-style-type: none"> ○ Hard Hat ○ Steel Toed Boots ○ Safety Glasses w/ side shields ○ Reflective Vest ○ Hearing Protection, as needed.
	Dropped Objects	<ul style="list-style-type: none"> • Use caution around equipment lift materials. • Wear required PPE.
	Eye Injury / Hearing Loss	<ul style="list-style-type: none"> • Wear required PPE.
	Falls from steep slopes	<ul style="list-style-type: none"> • Wear D-ring harness w/ restraint cable system at approved anchor points
	Struck by equipment/objects	<ul style="list-style-type: none"> • Wear required PPE • Backup Alarms on all equipment • Traffic control and Watchman

Activity Hazard Analysis No. 1 Debris Removal and Staging (cont.)		Analyzed By/Date: _____ Reviewed By/Date: _____
Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Vehicle Operation	Rollover	<ul style="list-style-type: none"> • Stay within the speed limit specified. • Follow manufacturer's recommended payload. • Use Seatbelts/ROPS • For ATVs, gloves and helmets are required. • Utilize only licensed and trained operators. • Ensure equipment is not operated on excessive grades to prevent rollovers.
Equipment operations	Equipment Failure	<ul style="list-style-type: none"> • Inspect equipment prior to daily operation. • Ensure all roll cages and guards are in place and back up alarms operate • OEM equipment modifications <u>only</u>. • Machine guarding and enclosures
Equipment to be Used	Inspection Requirements	Training Requirements
Trucks, Hand Tools, Graders, Bulldozers, Backhoes	Daily inspection of equipment prior to operation	<ul style="list-style-type: none"> • Utilize only trained and experienced operators for operation of equipment. • Site Specific Training – Toolbox safety meetings, Fall Protection System (if applicable)

Activity Hazard Analysis No. 3
Grass Seeding and Site Restoration

Analyzed By/Date: _____ Reviewed By/Date: _____

Principal Tasks

Potential Hazards

Recommended Controls (Level D PPE site wide for all operations)

Site Prep

Slips, trips, falls

- Use care during foot travel, and clear the area of slip and trip hazards
- Use barricades
- Use guardrails
- Cover holes.

Back Injury

- Use proper lifting technique.
- Buddy system for heavy lifts
- Use lifting/transport equipment

Crushing Injuries

- Use caution when setting loads.
- Wear required PPE:
 - Hard Hat
 - Steel Toed Boots
 - Safety Glasses w/ side shields
 - Reflective Vest
 - Hearing Protection, as needed.

Dropped Objects

- Use caution around equipment lift materials.
- Wear required PPE.

Eye Injury / Hearing Loss

- Wear required PPE.

Struck by
equipment/objects

- Wear required PPE
- Backup Alarms on all equipment
- Traffic control and Watchman

Activity Hazard Analysis No. 3 Grass Seeding and Site Restoration (cont.)		Analyzed By/Date: _____ Reviewed By/Date: _____
Principal Tasks	Potential Hazards	Recommended Controls (Level D PPE site wide for all operations)
Equipment operations	Equipment Failure	<ul style="list-style-type: none"> • Inspect equipment prior to daily operation. • Ensure all roll cages and guards are in place and back up alarms operate • OEM equipment modifications <u>only</u>. • Machine guarding and enclosures
Vehicle Operation	Rollover	<ul style="list-style-type: none"> • Stay within the speed limit specified. • Follow manufacturer's recommended payload.
Equipment to be Used	Inspection Requirements	Training Requirements
Trucks, Hand Tools, Graders, Bulldozers	Daily inspection of equipment prior to operation	<ul style="list-style-type: none"> • Utilize only trained and experienced operators for operation of equipment. • Site specific training – Toolbox safety meetings • 40 hr Hazwoper • HazCom Training

RELEVANT USACE HAZARD TOPICS

3 Nov 03

18.C.09 All motor vehicles shall be shut down prior to and during fueling operations. > See 16.A.15.

18.D ALL TERRAIN VEHICLES (ATV)

18.D.01 Every ATV operator shall have completed a nationally-recognized accredited ATV training course (such as provided by the Specialty Vehicles Institute of America or in-house resources that have been certified as trainers by an accredited organization) prior to operation of the vehicle. The operator must pass an operating skills test prior to being allowed to operate an ATV. Proof of completion of this training shall be made available to the GDA upon request.

18.D.02 The manufacturer's recommended payload shall not be exceeded at any time.

18.D.03 Gloves and an approved motorcycle helmet with full-face shield or goggles shall be worn at all times while operating a Class I ATV.

18.D.04 ATVs shall be used only off-road (no paved road use unless allowed by the manufacturer).

18.D.05 ATVs shall be driven during daylight hours (unless properly equipped with lights for night use).

18.D.06 Only ATVs with four or more wheels may be used.

18.D.07 Passengers are prohibited on Class I ATVs.

18.D.08 All ATVs shall be equipped with a warning signal device (horn), tail lights, and stop lights.

18.D.09 A copy of the operators manual will be kept on the vehicle and protected from the elements (if practicable).

18.D.10 Tires shall be inflated to the pressures recommended by the manufacturer.

18.D.11 ATVs will be equipped with mufflers.

18.D.12 All ATVs shall be equipped with spark arresters.

18.D.13 All Class II ATVs shall be equipped with ROPS.

18.E AIRCRAFT

18.E.01 All non-military aircraft shall be registered, certified in the appropriate category, and maintained in accordance with the airworthiness standards of the FAA. (If used OCONUS, and not prohibited by other regulation such as ER 95-1-1, registration, certification, and maintenance in accordance with the standards of a comparable governing body of foreign or international authority may be substituted for those of the FAA.)

18.E.02 All contract pilots or pilots of chartered aircraft shall hold at least a commercial pilot certificate with instrument rating. All pilots of non-military aircraft shall possess ratings to comply with the FAA Regulation governing the aircraft and operations involved.

18.E.03 All non-military aircraft shall be equipped with a two-way radio.

18.E.04 All non-military flight operations shall be in accordance with the FAA rules governing conduct for the specific operation. (Examples are 14 CFR 133 (Federal Aviation Regulation 133); 14 CFR 135 (Federal Aviation Regulation 135); and 14 CFR 91 (Federal Aviation Regulation 91).

18.E.05 All military flight operations shall be conducted under appropriate DOT/DOD regulations, such as the AR 95 Series.

**NE CAPE TRAM & DEBRIS REMOVAL
TELECON AGENDA
0900 hr August 16, 2005**

Reminder: Conference call-in number: 1 (800) 315-6338, Access code: 25037#

1. Progress to date
 - a. Work Items Summary
 - b. Health and safety issues
 - c. Waste transport/disposal issues
2. Work for upcoming week
 - a. Site work
 - i. Add'l metallic debris under CLIN 0008
 - ii. Backfill soil excavations
 - b. Gambell and Savoonga visitors
3. Schedule update
 - a. Order of priority for debris cleanup
 - b. Projected completion date
4. Other issues
 - a. Progress Invoice 03
 - b. Unsolicited proposal for additional metallic debris

WEEKLY MEETING

AUGUST 16, 2005

09:00-09:30

NE Cape: R. Goebel, H. Seipt, T. Peterson, and S. Mills

BEESC Anchorage: S. Johnson, M. Turner, C. Croley, and P. Curl

USACE: P. Schneider, C. Cossaboom and L. Geist

BEESC AGENDA

1. Progress for the Week

A. R. Goebel

Work concentrated on Upper Mountain---Debris Field #1's repelling work completed and majority of Debris Field #2 completed. Hand picking still needed in both fields.

Started on clean up of the Site 7 Landfill area

90% of metal removed at lower and upper tank area in AFS Ops

Upper Mountain debris pick up---to be completed as weather permits

One 55- gallon barrel filled with a liquid thought to be used oil was encountered at Site 7---the barrel's top was punctured during debris removal operations

Project is on schedule with the estimated final day of field operation being

August 23.

S. Mills

Barrel Issue: The punctured barrel had its contents pumped into a clean BEESC barrel and the punctured barrel removed from the landfill. The liquid will be field tested for PCB. BEESC stated the drum and its contents were to be packed and sent back to Anchorage. The oil was not to be burned or disposed of on island.

Gambel/Savoonga Visitors---party scheduled to arrive today depending on weather conditions.

B. T. Petersen

Reviewed the week's Upper Mountain work. Steep hillside work completed in 2-3 days. Mountaineering procedures went well and no health and safety issues arose and no lost time incidents occurred. All participants did a good job.

C. P. Curl

Waste profiles have been completed.

Manifest to be completed for one boiler containing ACM, 1-2 connexes of creosote coated wood poles, 2 try-walls containing non-friable ACM, 1 Baker box of ash, and 3 Baker boxes of PCB-impacted soil.

B. S. Johnson/Project Status

Projected end of field work 8/23.

Barge in to pick up camp 8/26.

Soil excavation at Site 31C completed---Enslys screen samples indicated no PCBs above 0.5 ppm remaining in soil at a depth of approximately 4 feet below surface grade.

Remaining Work

Complete Upper Mountain Debris Fields clean up

Complete surface debris clean ups (CLIN 11)
Complete grass seeding and fertilizer spreading
Burn accumulated wood debris
Remove additional PCB-contaminated soil at Site 14
(approximately 15-16 tons)
Complete removal of debris from Site 7
Fill and close open soil excavations/confirm lab results for
determining which soil excavations are clean closures
Update of current weights of debris removed from all CLINs to be
reviewed. Value of contract to be maximized without taking material that would incur
additional costs to project. Metal debris will take precedence over additional soil
removal.

SAFETY OBSERVATION REPORT (SOR)

Date: 8/16/05 Time: AFTERNOON (PM)

Person Submitting This Report: Id. SEPT

Observation: THE COMBINATION OF THICK SMOKE AND FOG REDUCED VISIBILITY TO UNSAFE DISTANCE TO CONTINUE DEBRIS REMOVAL FROM THE UPPER MOUNTAIN.

Action Taken: WORK TERMINATED ON UPPER MOUNTAIN

Immediate Corrective Action: WORKERS REMOVED FROM UPPER MOUNTAIN

Action to Prevent Recurrence: MONITOR WEATHER CONDITIONS

Indirect Cause: NATURAL CAUSE - WEATHER CONDITIONS

Corrective Action: SET VISIBILITY PARAMETERS FOR SHUTDOWN OR WORK ACTIVITIES

Commitment? STRONG POTENTIAL SAFETY ISSUE FOR PERSONNEL WORKING IN VISUALLY IMPAIRED CONDITIONS

Further Action or Help Needed? NO, ADVERSE WEATHER CONDITIONS TO THE ABOVE DESCRIBED EXTENT RARELY OCCUR.

Signature: H. M. Sept

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 054

Date or Time Period
Wednesday August 17, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM: Thick smoke/fog, calm winds.

PM: High overcast to foggy, calm winds.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: Yes. Final Clean Up and Seeding DFW
 Follow-up: No
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total for Site 14A and 14B
Enslys PCB Screen	Soil		6

Have Data Quality Objectives been achieved?

Yes No N/A

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples
PCB	EPA 8082	2	2

Have QA and QC samples been collected in the specified quantity?

Yes No N/A

Have samples been properly labeled and packaged?

Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No N/A

Only soil samples were collected and the only analytes tested for are PCBs.

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D
Was any work activity conducted within a confined space? Yes No N/A
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A
Were approved decontamination procedures used on workers and equipment as required? Yes No N/A
Was a Job Safety Meeting held this day? Yes No N/A
Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A
Was hazardous waste/materials released into the environment? Yes No N/A
Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Continued surficial debris clean up in the AFS Ops area.3. Continued cutting, removing, and loading debris into connexes at Site 7.4. Completed deepening by approximately 1 foot Excavation Sites 14A and 14B.5. Collected 3 soil samples Excavation Site 14A and 3 soil samples from Excavation Site 14B and screened all six samples for PCBs using the Enslys field method.6. Total personnel: 21.

Manpower On Site

Personnel	Classification	Wednesday	Hours	Off Island
BEESC		8-17-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Tim Atkinson	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								8	8
Ford Lube/Fuel Tk	50-201	4	8	6					137.5	165.5
Ottawa Yard Goat-5 th wheel	50-320								10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329		6	2					96.5	107.5
Kenworth Tractor-5 th wheel	50-330			8					67	67
Marooka Track Truck MST 1500	50-350	2	10							
Marooka MST 2200 Dump Bed	50-351	10	10						64	89
Marooka MST 2200 Flatbed w/reel	50-352	10	7	10					123	155.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								8	8

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501			5					144.5	192.5
Cat 988B loader w/bucket & forks	50-505	3	1	10					114	121
Cat 12F Road Grader	50-700									
Gehl Forklift (8000#)	50-800		2						41.5	51.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100		4						31	39
Cat D8K Winch Cat	51-101								42	52
Hitachi EX300LC Excavator	51-200	8	6						78.5	122.5
Hitachi EX120 Excavator	51-204	10	10	10					198	244
BobCat									19	19

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

A combination of thick fog and smoke restricted work to the Lower Mountain area.

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	43	44
Activity: CL001104, Surficial Debris Clean Up			50%
Activity: CL000807, Debris Removal at Site 7	5%	35%	40%
Activity: CL000702, Clean up of Debris Field #1	0%	92%	92%
Activity: CL000703, Clean up of Debris Field #2	0%	70%	70%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Ensys PCB field screening tests indicated PCB concentrations in soil were below 0.5 ppm for samples collected from overexcavation of pits at Site 14A and Site 14B.

Comments:

- None

Summary of Tonnage Weighed by CLIN for Pay Units Denominated in Tons

CLIN 5 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000501-CL000518	Tram System Cable & Wire	105	101.895
TOTAL TONNAGE		105	101.895

CLIN 7 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000701	Drums	3	4.07
CL000702	Debris Field #1	20	24.38
CL000703	Debris Field #2	20	15.38
CL000704	Borrow Loading Area	2	3.57
TOTAL TONNAGE		45	47.4

CLIN 8 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000801	Welder	1	0.9
CL000802	Cargo Beach Debris	30	21.89
CL000803	Cargo Beach Road Debris	5	20.91
CL000804	Tank Areas	280	318.96
CL000805	Chevy Blazer	3	2.12
CL000806	Cummins Engines	36	27.76
CL000807	Site 7 Landfill	50	108.22
TOTAL		405	500.76

CLIN 9 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000901	Thermo Anchor	1	0.1
CL000902	Steel Tanks	6	1.08
CL000903	Pole Group A	3	1.86
CL000904	Pole Group B	1	0.47
CL000905	Pole Group C	2	3.48
CL000906	Pole Line 5	0.5	0.57
CL000907	Pole Group D	10	5
CL000908	Marston Matting	15	17
CL000909	Metallic Debris	100	61.57
CL000910	Armored Cable/Wire	10	3.33
CL000911	Armored Cable/Wire	25	27.4
CL000912	Armored Cable/Wire	1.5	1.6
CL000913	Antenna	1	1.69
CL000914	Antenna	1	2.3
CL000915	Concrete Foundations	1	9.84
TOTAL TONNAGE		178	137.29

CLIN 14 & 15 ACTIVITIES	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL001401	PCB Contaminated Soil	100	100
CL001501	Additional PCB Contaminated Soil	100	105.16
CL001501+	Additional PCB Contaminated Soil		14
TOTAL TONNAGE		200	219.16

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05
CL000910	8/11/05	CL000619	8/11/05	CL000805	8/15/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Hy M. Seijt
CQCSM Signature

8/18/05
Date

Roller Boehl
Site Superintendent Signature

8-18-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Tailgate Safety Mtg held under combination foggy/ smokey conditions with unfortunately, light-to-no winds. M As reported, crew continued work at the 2 major operations areas of the Site 7 East slope debris cutting, gathering and packaging, and the AFS Ops area in debris cutting, consolidation and packaging.

Six more samples obtained from furthered excavation at the Bldg 98 PCB pits, numbered 14 A & B. Relative to other sites, this rocky soil should've cleaned-up in preliminary EnSys testing, and day-end EnSys results proved that it did. Those samples shall be transferred to the off-site professional lab for confirmation analysis. Soil tonnages are being watched closely to ensure that the overall CLIN tonnage summary is not exceeded. The next focus in PCB EnSys sampling shall be Site 31 Bldg 1001 MEC.

Today is another bad day for flights; PM Steve Johnson was hoping to get here today; this is delayed to the possibility of Friday, 19 August. More photos transferred to the PDT.

QA Safety Inspections/Observations not noted in above comments:

J.A. Mills *ALB*
QAR

QAR Signature

Date

Supervisor's Initials

Date

19 Aug. '05

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 11/4" steel cables. Some above and on grd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	95% (8/11/05)
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	95% (8/15/05)
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks. approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above gmd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above gmd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	95% (8/11/05)
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	100% (8/10/05)
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001109-11	Transport and dispose			
CL001201-12	Seed and fertilize in tundra NW of AFS Ops area	NE Cape	BEESC	
CL001202-12	Seed and fertilize on beach near barge ramp	NE Cape	BEESC	
CL001203-12	Seed and fertilize in tundra E of Site 7 Landfill	NE Cape	BEESC	
CL001204-12	Seed and fertilize in former AFS Ops area	NE Cape	BEESC	
CL001205-12	Seed and fertilize in tundra at Site 24	NE Cape	BEESC	
CL001205-12	Seed and fertilize in tundra at Site 25	NE Cape	BEESC	
CL001207-12	Seed and fertilize in tundra at Site 31	NE Cape	BEESC	
CL001208-12	Seed and fertilize in tundra at Site 32	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/17/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with uneven surfaces
Level D PPE Laborers
Heavy equipment operation---swing arc and pinch points
Vehicle speed---25 MPH maximum on connecting roads, 15 in work areas and 5 MPH in camp in good visibility conditions---reduce above limits in foggy conditions
Concentration---maintain work focus as project time grows short
Accident prevention---job has had so far 46 injury free days
General site safety rules reviewed

Worksite ID/Clin No: CL0001404/5-14

SS/Lead and No. of workers: L. MacDonald and (2) additional personnel.

Task to be accomplished: Excavate, package, transport contaminated PCB soil.

Observations/Comments: Excavation 14A and 14B are located adjacent to the foundation of former bldg 98. Both locations were previously excavated to depths of 1 foot and 6 inches respectively. Initial samples collected at these excavation sites were above .5 ppm, requiring further investigation. Under the direction of the site sampler (Larry Pederson) additional soil from each excavation was collected. The soil was placed in a plastic lined Baker box for transport to treatment facility off island. Samples were collected from each excavation for field screening. Safety precautions applicable to AHA 4 were observed. PPE level D with the addition of chemical resistant gloves for the sampler was worn. The need for further remediation of the area is pending results of the field screening.

INITIAL PHASE CHECKLIST

CONTRACT NO.: W911KB-04-C-0019

DATE: August 17, 2005, 8:00-8:15

PROJECT: White Alice Tram and Debris Removal

DEFINABLE FEATURE WORK: Final Cleanup and Seeding

GOVERNMENT REPRESENTATIVE NOTIFIED 0 HOURS IN ADVANCE.

I. Personnel Present, Including Work Crew:

	NAME	POSITION	COMPANY
1.	Henry Seipt	CQCSM	BEESC
2.	Rollie Goebel	Site Superintendent	BEESC
3.	Mac McDonald	Foreman	BEESC
4.			
5.			
6.			
7.			
8.			

II. Indicate Exact Location of Feature / Item Inspected: Areas where surficial debris clean up include: 1 acre in the tundra Northwest of AFS Ops, 1 acre in the vicinity of the barge ramp at Cargo Beach, 5 acres in the tundra east of Cargo Beach Road at the Site 7 Landfill, 20 acres in the AFS Ops area, 4 acres at Site 31 and 1 acre at Site 32 (clean up of 1 acre each at Site 24 and Site 25 was essentially completed in July). Areas to be seeded and fertilized include: 1 acre in the tundra Northwest of AFS Ops, 1 acre in the vicinity of the barge ramp at Cargo Beach, 5 acres in the tundra east of Cargo Beach Road at the Site 7 Landfill, 15 acres in the AFS Ops area, 1 acre at Site 24, 1 acre at Site 25, 4 acres at Site 31 and 1 acre at Site 32.

III. Materials and Equipment Being Used Are In Strict Compliance With Contract

Requirements. Yes. The seed mixture conforms to the specifications in the Scope of Work. The amount of seed and fertilizer present is sufficient to cover the target areas in the respective pounds per acre specified in the Scope of Work.

If Not, Explain

IV. Procedures and / or Work Methods Witnessed Are In Strict Compliance With Contract

Requirements: Yes. Boundaries of the acre(s) to be seeded of the respective site will be approximated. A mechanical spreader will be installed on each of two ATVs to disperse the seed and fertilizer ove the designated acreage.

If Not, Explain:

V. Construction Tolerances and Workmanship Standards Are In Strict Compliance

With Contract Requirements : Yes. The spreader intake rate and coverage area will be approximated in the field by actual application testing. The rate of seed and fertilizer application will be adjusted to conform to 30 pounds per acre for seed and 550 pound per acre for fertilizer.

State Areas Where Improvement is Needed: _____

VI. Required Inspection and Tests Are Demonstrated and In Strict Compliance With

Contract Requirements: Yes. Seed and fertilizer volume tabulations will be completed after applications have been completed at each site. The weight of the seed and fertilizer used will be compared with the respective acreages to ensure the correct quantities have been spread over each site.

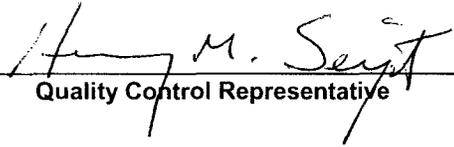
If Not, Explain:

VII. Safety Procedures of Hazard Analysis Followed: Yes. Chemical hazards will be encountered with the handling and spreading of the fertilizer. Level D PPE should provide adequate protection. However, the PPE can be upgraded to Level C if respiratory distress is observed or if requested by application personne.

If Not, Explain Corrective Action: _____

VIII. Instruction Received From Government Representative (Include Any Discussion On Testing, Control Procedures, and Definitive Description of the Agreed On Quality of Workmanship):

1. None.



Quality Control Representative

Quality Assurance Representative

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 055

Date or Time Period
Thursday August 18, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 55-60

AM: Low cloud cover/fog, calm winds.

PM: Sunny, calm winds.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No

Initial: No

Follow-up: No

Notes: Final Inspection complete on all Upper Mountain work.

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total for Site 31A-2 & 31B
Ensys PCB Screen	Soil		13

Ten screen samples were collected from Site 31B and three screen samples were collected from Site 31A-2.

Have Data Quality Objectives been achieved?

Yes No N/A

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples
PCB	EPA 8082	2	2

Have QA and QC samples been collected in the specified quantity?

Yes No N/A

Have samples been properly labeled and packaged?

Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No N/A

Only soil samples were collected and the only analytes tested for are PCBs.

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none"> 1. BEESC shift work started at 7:00 hrs. 2. Continued clean up at Debris Field #1 and Debris Field #2 on the Upper Mountain. 3. Initiated burning of stockpiled wood utilizing air curtain blower/burner. 4. Completed deepening by approximately 6 feet Excavation Site 31B. 5. Completed deepening by approximately 0.5 feet Excavation Site 31A-2. 6. Ten soil samples were collected from Excavation Site 31B and 3 soil samples from Excavation Site 31A-2. The samples were field screened for PCBs using the Ensys field method. 7. A punch list inspection was completed by BEESC for Debris Fields #1 and Debris Field #2 on the Upper Mountain. Additional debris was removed after the inspection. 8. A Pre-Final inspection was completed between the QAR and Site Supervisor for the Upper Mountain work. Additional debris was removed after the inspection. 9. A Final inspection was completed by the QAR for the Upper Mountain debris fields in the afternoon. No significant deficiencies were noted and no corrective action was required. The inspection closed out work on the Upper Mountain. 10. Total personnel: 21.

Manpower On Site

Personnel	Classification	Thursday	Hours	Off Island
BEESC				
		8-18-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Tim Atkinson	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy TrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								8	8
Ford Lube/Fuel Tk	50-201	4	8	6	3				137.5	165.5
Ottawa Yard Goat-5 th wheel	50-320								10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329		6	2	4				96.5	107.5
Kenworth Tractor-5 th wheel	50-330			8					67	67
Marooka Track Truck MST 1500	50-350	2	10		5					
Marooka MST 2200 Dump Bed	50-351	10	10						64	89
Marooka MST 2200 Flatbed w/reel	50-352	10	7	10	10				123	155.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								8	8

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501			5					144.5	192.5
Cat 988B loader w/bucket & forks	50-505	3	1	10					114	121
Cat 12F Road Grader	50-700				2					
Gehl Forklift (8000#)	50-800		2						41.5	51.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100		4		8				31	39
Cat D8K Winch Cat	51-101								42	52
Hitachi EX300LC Excavator	51-200	8	6		8				78.5	122.5
Hitachi EX120 Excavator	51-204	10	10	10	10				198	244
BobCat					5				19	19

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

The QAR requested the removal of additional debris from Debris Fields #1 and #2 after the Pre-Final inspection.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	44	45
Activity: CL001101, Surficial Debris Clean Up, Tundra NW of AFS Ops			
Activity: CL001102, Surficial Debris Clean Up at Cargo Beach			
Activity: CL001103, Surficial Debris Clean Up, E of Site 7 Landfill			
Activity: CL001104, Surficial Debris Clean Up AFS Ops Area			50%
Activity: CL001107, Surficial Debris Clean Up at Site 31			
Activity: CL001108, Surficial Debris Clean Up at Site 32			
Activity: CL001201, Seeding Tundra Area NW of AFS Ops			
Activity: CL001202, Seeding at Cargo Beach Barge Landing Area			
Activity: CL001203, Seeding Tundra E of Site 7 Landfill			
Activity: CL001204, Seeding AFS Ops Area			
Activity: CL001205, Seeding Tundra at Site 24			
Activity: CL001205, Seeding Tundra at Site 25			
Activity: CL001205, Seeding Tundra at Site 31			
Activity: CL001205, Seeding Tundra at Site 32			
Activity: CL000804, Scrap Metal from Tanks Removal			95%
Activity: CL000807, Debris Removal at Site 7	55%	40%	95%
Activity: CL000702, Clean up of Debris Field #1	3%	92%	95%
Activity: CL000703, Clean up of Debris Field #2	25%	70%	95%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Ensys PCB field screening tests on soil pit bottom samples (portions of the pit were deepened to approximately 6 feet below surface grade) and sidewall samples indicated PCB concentrations in the soil were below 0.5 ppm at Site 31B.
- Ensys PCB field screening tests on soil pit bottom samples (deepened to approximately 3 feet below surface grade) indicated PCB concentrations in the soil in portions of the pit were above 0.5 ppm at Site 31A-2.
- Preliminary analytical results from all the sampling at Building 108 and Building 109 indicated concentrations of PCBs were below 0.5 ppm under the concrete slab removed by BEESC.
- Preliminary analytical results of soil samples collected from re-excavations at Site 13C, Site 13D, and at Site 109 located below the concrete at Room F at Site 31 indicated concentrations of PCBs were below 0.5 ppm.
- The Final Inspection was completed for Debris Field #1 and Debris Field #2 on the Upper Mountain.
- Completed CLIN Activities CL000702, CL000703, CL000804, and CL000807.

Comments:

- Deficiencies noted during Pre-Final Inspection included additional debris scattered about Debris Fields #1 and #2. All QAR delineated debris was removed by BEESC prior to Final Inspection.

Summary of Tonnage Weighed by CLIN for Pay Units Denominated in Tons

CLIN 5 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000501-CL000518	Tram System Cable & Wire	105	101.895
TOTAL TONNAGE		105	101.895

CLIN 7 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000701	Drums	3	4.07
CL000702	Debris Field #1	20	31.86
CL000703	Debris Field #2	20	15.38
CL000704	Borrow Loading Area	2	3.57
TOTAL TONNAGE		45	54.88

CLIN 8 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000801	Welder	1	0.9
CL000802	Cargo Beach Debris	30	21.89
CL000803	Cargo Beach Road Debris	5	20.91
CL000804	Tank Areas	280	318.96
CL000805	Chevy Blazer	3	2.12
CL000806	Cummins Engines	36	27.76
CL000807	Site 7 Landfill	50	108.22
TOTAL		405	500.76

CLIN 9 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000901	Thermo Anchor	1	0.1
CL000902	Steel Tanks	6	1.08
CL000903	Pole Group A	3	1.86
CL000904	Pole Group B	1	0.47
CL000905	Pole Group C	2	3.48
CL000906	Pole Line 5	0.5	0.57
CL000907	Pole Group D	10	5
CL000908	Marston Matting	15	17
CL000909	Metallic Debris	100	61.57
CL000910	Armored Cable/Wire	10	3.33
CL000911	Armored Cable/Wire	25	27.4
CL000912	Armored Cable/Wire	1.5	1.6
CL000913	Antenna	1	1.69
CL000914	Antenna	1	2.3
CL000915	Concrete Foundations	1	9.84
TOTAL TONNAGE		178	137.29

CLIN 14 & 15 ACTIVITIES	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL001401	PCB Contaminated Soil	100	100
CL001501	Additional PCB Contaminated Soil	100	105.16
CL001501+	Additional PCB Contaminated Soil		76.2
TOTAL TONNAGE		200	281.36

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05
CL000910	8/11/05	CL000619	8/11/05	CL000805	8/15/05	CL000702	8/18/05
CL000703	8/18/05	CL000807	8/18/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

8/19/05
Date

Rollee Fadel
Site Superintendent Signature

8-19-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Morning Safety Tailgate Mtg held at 0700 under familiar overcast conditions, but no wind and only moderate fog in the mtn bowl. Standard concerns for the various points about the firmament offered, and for the mtn slopes the crew was applied there again today. The airborne smoke is again lessened today as well and only later could be discerned in the much higher atmosphere.

Crew applied to the mtn top spent several hours finishing the minor details remaining in selected debris cutting and hand picking. By mid-day the mtn was void of fog and heavy cloud cover so visual acuity about the slopes was strong. Site Supt Rollie Goebel and the QAR surveyed all upper mtn slopes and denoted those areas that required additional debris pick-ups. Moving about the rocks today was easier as they were dry due to the lack of fog. By day-end the last 2 Marookas rolled off the mtn loaded with miscellaneous debris. Both the Supt and QAR shot panaram digital photos of Sites 33 & 34, and debris Fields No's 1 & 2, now all void of debris, and confirmed to be Final Inspect-approved.

Other work accomplished as reported at the PCB pits at Site 31 Bldg 1001 MEC with furthered excavation at 31 "B" and 10 screening samples obtained to the deepest depth of all pits to 6 feet, and from a half-foot to a couple of feet at the other locations at 31 "A-2". Samples analyzed by the EnSys field test kits proved the "B" samples to have cleaned-up, and the "A-2" sample to still be above the nominal target level of 0.5 ppm PCB detect. An analysis of comparative tonnages tomorrow will tell us if we can continue to dig at 31 "A-2" to attempt to clear the pit.

Analytical lab results obtained today for previously EnSys-tested Bldg Sites 31 "C"; "D"; Room "F" concrete pad, and Bldg 109; all confirmed to be < 0.5 ppm. Fire pit ignited. A good progress day. Safety observed throughout

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *ALGE*
QAR

QAR Signature

Date

Supervisor's Initials

Date

20 *ALGE*, *05*

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 11/4" steel cables. Some above and on grd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	95% (8/11/05)
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	95% (8/18/05)
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	95% (8/18/05)
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	95% (8/18/05)
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	95% (8/15/05)
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	95% (8/18/05)
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	95% (8/11/05)
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	100% (8/10/05)
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001109-11	Transport and dispose			
CL001201-12	Seed and fertilize in tundra NW of AFS Ops area	NE Cape	BEESC	
CL001202-12	Seed and fertilize on beach near barge ramp	NE Cape	BEESC	
CL001203-12	Seed and fertilize in tundra E of Site 7 Landfill	NE Cape	BEESC	
CL001204-12	Seed and fertilize in former AFS Ops area	NE Cape	BEESC	
CL001205-12	Seed and fertilize in tundra at Site 24	NE Cape	BEESC	
CL001205-12	Seed and fertilize in tundra at Site 25	NE Cape	BEESC	
CL001207-12	Seed and fertilize in tundra at Site 31	NE Cape	BEESC	
CL001208-12	Seed and fertilize in tundra at Site 32	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/18/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with open excavations and uneven surfaces
Level D PPE Laborers
Heavy equipment operation---swing arc and pinch points
Review of AHA#1 completed
Concentration---maintain work focus as project time grows short
Accident prevention---job has had so far 46 injury free days
General site safety rules reviewed

Worksite ID/Clin No: CL000702/3-7

SS/Lead and No. of workers: L. MacDonald and (6) additional personnel.

Task to be accomplished: Remove, package and transport debris collected from debris field 1/2.

Observations/Comments: The sites were reviewed by Mr. Sam Mill, Corps of Engineers QAR for final acceptance. During his review process, a few additional areas required further remediation to meet the acceptance process and contact obligation. After a few hours of small area debris clean-up the crew had completed the debris collection on the upper mountain. The Activity Hazard Analysis (AHA) #1 Debris removal and Staging was reviewed prior to the beginning of the work day. PPE for the assigned task was available and utilized throughout the collection process. Final debris collection and removal were completed this date.



Laboratory Analysis Report

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Michelle Turner
Bristol Environmental
2000 W Intl Airport Rd, Ste C1
Anchorage, AK 995021117

Work Order:	1055152	
	25037 NE Cape 04 036	Released by:
Client:	Bristol Environmental	
Report Date:	August 18, 2005	

Enclosed are the analytical results associated with the above workorder.

As required by the state of Alaska and the USEPA, a formal Quality Assurance/Quality Control Program is maintained by SGS. A copy of our Quality Control Manual that outlines this program is available at your request. The laboratory ADEC certification numbers are AK971-05 (DW), UST-005 (CS) and AK00971 (Micro).

Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS Quality Assurance Program Plan and the National Environmental Laboratory Accreditation Conference.

If you have any questions regarding this report or if we can be of any other assistance, please call your SGS Project Manager at (907) 562-2343.

The following descriptors may be found on your report which will serve to further qualify the data.

PQL	Practical Quantitation Limit (reporting limit).
U	Indicates the analyte was analyzed for but not detected.
F	Indicates value that is greater than or equal to the MDL.
J	The quantitation is an estimation.
ND	Indicates the analyte is not detected.
B	Indicates the analyte is found in a blank associated with the sample.
*	The analyte has exceeded allowable regulatory or control limits.
GT	Greater Than
D	The analyte concentration is the result of a dilution.
LT	Less Than
!	Surrogate out of control limits.
Q	QC parameter out of acceptance range.
M	A matrix effect was present.
JL	The analyte was positively identified, but the quantitation is a low estimation.
E	The analyte result is above the calibrated range.

Note: Soil samples are reported on a dry weight basis unless otherwise specified.

- PRELIMINARY -



SGS Ref.# 1055152001
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC011
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC011

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/04/2005 10:00
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	80.4		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152006
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC021
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC021

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/04/2005 10:20
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	82.4		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152011
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC031
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC031

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/04/2005 10:45
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	47.3 U	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	47.3 U	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	47.3 U	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	47.3 U	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	47.3 U	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	47.3 U	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	24.8 J	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <sur>	79.5		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152016
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC041
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC041

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/04/2005 11:05
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	82.8		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152021
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC051
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC051

All Dates/Times are Alaska Standard Time

Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/04/2005 11:25
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	79.8		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152026
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC061
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC061

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/04/2005 11:50
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	82.7		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152031
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC071
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC071

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/04/2005 15:25
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	78.9		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152036
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC081
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC081

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/05/2005 9:35
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surrogate>	81.4		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152041
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC091
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC091

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/05/2005 10:05
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	50.0 U	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.0 U	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.0 U	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.0 U	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.0 U	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.0 U	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	44.5 J	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	79.1		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152042
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC092
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC092

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/05/2005 10:05
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	81		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152048
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC101
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC101

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/05/2005 10:35
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surrogate>	82.5		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152055
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC111
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC111

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/05/2005 11:10
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	84.7		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152060
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC121
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC121

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/05/2005 11:45
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	82.1		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152061
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC122
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC122

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/05/2005 11:45
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	82.8		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152067
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC131
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC131

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/05/2005 12:15
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surrogate>	88.3		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152074
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC141
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC141

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 8:30
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Polychlorinated Biphenyls									
Aroclor-1016	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	80.8		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152075
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC142
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC142

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 8:30
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	83.8		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152081
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC151
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC151

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 8:55
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	88.5		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152086
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC161
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC161

All Dates/Times are Alaska Standard Time

Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 9:20
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surrogate>	90.1		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152091
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC171
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC171

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 9:40
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	85.7		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152096
 Client Name Bristol Environmental
 Project Name/# 25037 NE Cape 04 036
 Client Sample ID 05NECAFCC181
 Matrix Other Solids (Wet Weight)
 Location/Well ID 05NECAFCC181

All Dates/Times are Alaska Standard Time
 Printed Date/Time 08/18/2005 14:36
 Collected Date/Time 08/07/2005 10:10
 Received Date/Time 08/12/2005 15:00
 Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	91.2		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152101
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC191
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC191

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 10:35
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	84.1		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152106
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC201
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC201

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 10:55
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	79.3		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152111
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC211
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC211

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 11:15
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	78.3		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152116
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC221
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC221

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 8:55
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	81.1		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152121
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC231
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC231

All Dates/Times are Alaska Standard Time

Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 9:05
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	77.5		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152124
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC241
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC241

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 9:25
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	81.9		%	SW8082	A	60-125	08/16/05	08/17/05	WAA

- PRELIMINARY -



SGS Ref.# 1055152127
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFSL24A
Matrix Soil/Solid
Location/Well ID 05NECAFSL24A

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 9:35
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	78.5		%	SW8082	A	60-125	08/16/05	08/17/05	WAA
<u>Solids</u>									
Total Solids	97.3		%	SM20 2540G	A			08/16/05	HM

- PRELIMINARY -



SGS Ref.# 1055152128
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFSL56Re
Matrix Soil/Solid
Location/Well ID 05NECAFSL56Re

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 15:50
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	56.2 U	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	56.2 U	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	56.2 U	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	56.2 U	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	56.2 U	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	56.2 U	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	114	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	78.7		%	SW8082	A	60-125	08/16/05	08/17/05	WAA
<u>Solids</u>									
Total Solids	88.6		%	SM20 2540G	A			08/16/05	HM

- PRELIMINARY -



SGS Ref.# 1055152129
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFSL61Re
Matrix Soil/Solid
Location/Well ID 05NECAFSL61Re

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 15:55
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	77.1	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	78.1		%	SW8082	A	60-125	08/16/05	08/17/05	WAA
<u>Solids</u>									
Total Solids	96.4		%	SM20 2540G	A			08/16/05	HM

- PRELIMINARY -



SGS Ref.# 1055152130
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL109Re
Matrix Soil/Solid
Location/Well ID 05NEC31SL109Re

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/18/2005 14:36
Collected Date/Time 08/07/2005 18:10
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.7 U	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	51.7 U	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	51.7 U	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	51.7 U	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	51.7 U	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	51.7 U	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	145	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <sur>	82.2		%	SW8082	A	60-125	08/16/05	08/17/05	WAA
<u>Solids</u>									
Total Solids	97.5		%	SM20 2540G	A			08/16/05	HM

- PRELIMINARY -

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 056

Date or Time Period
Friday August 19, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM: Low cloud cover/fog, calm winds.

PM: Overcast, calm to light winds.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No

Notes: The Final Inspection was completed for Site 24 and Site 25.

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total for Site 31A-2
Enslys PCB Screen	Soil	1	4

Four screen samples were collected from Site 31A-2.

Have Data Quality Objectives been achieved? Yes No N/A

Enslys QC standard tests performed to verify results for every six (maximum) samples collected.

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples
PCB	EPA 8082	16	16
Oil Product	EPA 8082	1	1

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Only soil samples were collected and the only analytes tested for are PCBs.

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none"> 1. BEESC shift work started at 7:00 hrs. 2. Continued burning of stockpiled wood utilizing air curtain blower/burner. 3. Completed deepening by approximately 0.5 feet portions of Excavation Site 31A-2. 4. One soil sample was collected from Excavation Site 31A-2. The sample was field screened for PCBs using the Ensys field method. 5. A punch list inspection was completed by BEESC for Site 24 and Site 25. Additional debris (metal drum, wood poles, and metal poles) was removed after the inspection. 6. Pre-Final inspections were completed by the QAR and the Site Supervisor at Site 24 and Site 25. Noted deficiencies included a 55-gallon barrel and several wood communication poles. Correction action was undertaken and the subject barrel and poles were removed. 7. A Final Inspection was subsequently completed. No significant deficiencies were noted and no corrective action was required. The inspection closed out work debris removal work on Site 24 and Site 25. 8. Total personnel: 21.

Manpower On Site

Personnel	Classification	Friday	Hours	Off Island
BEESC		8-19-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler		11	
Michele Turner	Project Chemist			
Mac McDonald	Foreman		13	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		15	
John Wheeler	Operator		16.5	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		15	
Troy Whitmore	Oiler/Mechanic		15.5	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Tim Atkinson	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								8	8
Ford Lube/Fuel Tk	50-201	4	8	6	3	4			137.5	165.5
Ottawa Yard Goat-5 th wheel	50-320								10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321									
Kenworth Tractor-5 th wheel	50-329		6	2	4	3			96.5	107.5
Kenworth Tractor-5 th wheel	50-330			8		4			67	67
Marooka Track Truck MST 1500	50-350	2	10		5	3				
Marooka MST 2200 Dump Bed	50-351	10	10			5			64	89
Marooka MST 2200 Flatbed w/reel	50-352	10	7	10	10	10			123	155.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								8	8

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501			5					144.5	192.5
Cat 988B loader w/bucket & forks	50-505	3	1	10		7			114	121
Cat 12F Road Grader	50-700				2					
Gehl Forklift (8000#)	50-800		2						41.5	51.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100		4		8				31	39
Cat D8K Winch Cat	51-101								42	52
Hitachi EX300LC Excavator	51-200	8	6		8	10			78.5	122.5
Hitachi EX120 Excavator	51-204	10	10	10	10				198	244
BobCat					5				19	19

Materials Received to be Used on or Incorporated into Site

Vehicle and equipment parts arrived by air charter.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

The QAR requested the removal of additional debris from Site 24 and Site 25 after the Pre-Final inspection.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	45	46
Activity: CL001101, Surficial Debris Clean Up, Tundra NW of AFS Ops			
Activity: CL001102, Surficial Debris Clean Up at Cargo Beach			
Activity: CL001103, Surficial Debris Clean Up, E of Site 7 Landfill			
Activity: CL001104, Surficial Debris Clean Up AFS Ops Area	0%	50%	50%
Activity: CL001107, Surficial Debris Clean Up at Site 31			
Activity: CL001108, Surficial Debris Clean Up at Site 32			
Activity: CL001201, Seeding Tundra Area NW of AFS Ops			
Activity: CL001202, Seeding at Cargo Beach Barge Landing Area			
Activity: CL001203, Seeding Tundra E of Site 7 Landfill			
Activity: CL001204, Seeding AFS Ops Area			
Activity: CL001205, Seeding Tundra at Site 24			
Activity: CL001205, Seeding Tundra at Site 25			
Activity: CL001205, Seeding Tundra at Site 31			
Activity: CL001205, Seeding Tundra at Site 32			

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- One BEESC personnel left the island via air charter.
- An Ensys PCB field screening tests on a soil pit bottom sample (portions of the pit were deepened to approximately 3 feet below surface grade) indicated PCB concentrations in the soil were below 0.5 ppm at Site 31A-2.
- The Final Inspection was completed for Site 24 and Site 25.

Comments:

- No deficiencies were noted during the Final Inspections of Site 24 or Site 25.

Summary of Tonnage Weighed by CLIN for Pay Units Denominated in Tons

CLIN 5 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000501-CL000518	Tram System Cable & Wire	105	101.895
TOTAL TONNAGE		105	101.895

CLIN 7 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000701	Drums	3	4.07
CL000702	Debris Field #1	20	31.86
CL000703	Debris Field #2	20	15.38
CL000704	Borrow Loading Area	2	3.57
TOTAL TONNAGE		45	54.88

CLIN 8 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000801	Welder	1	0.9
CL000802	Cargo Beach Debris	30	21.89
CL000803	Cargo Beach Road Debris	5	20.91
CL000804	Tank Areas	280	318.96
CL000805	Chevy Blazer	3	2.12
CL000806	Cummins Engines	36	27.76
CL000807	Site 7 Landfill	50	108.22
TOTAL		405	500.76

CLIN 9 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000901	Thermo Anchor	1	0.1
CL000902	Steel Tanks	6	1.08
CL000903	Pole Group A	3	1.86
CL000904	Pole Group B	1	0.47
CL000905	Pole Group C	2	3.48
CL000906	Pole Line 5	0.5	0.57
CL000907	Pole Group D	10	5
CL000908	Marston Matting	15	17
CL000909	Metallic Debris	100	71.11
CL000910	Armored Cable/Wire	10	3.33
CL000911	Armored Cable/Wire	25	27.4
CL000912	Armored Cable/Wire	1.5	1.6
CL000913	Antenna	1	1.69
CL000914	Antenna	1	2.3
CL000915	Concrete Foundations	1	9.84
TOTAL TONNAGE		178	146.83

CLIN 14 & 15 ACTIVITIES	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL001401	PCB Contaminated Soil	100	100
CL001501	Additional PCB Contaminated Soil	100	105.16
CL001501+	Additional PCB Contaminated Soil		85.535
TOTAL TONNAGE		200	290.695

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05
CL000910	8/11/05	CL000619	8/11/05	CL000805	8/15/05	CL000702	8/18/05
CL000703	8/18/05	CL000807	8/18/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seipt
CQCSM Signature

8/20/05
Date

Rollin Eichel
Site Superintendent Signature

8-20-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Standard concerns iterated at the 0700 hours Safety Tailgate. A light precipitation preceded this morning's heavy ground fog which lifted substantially at mid-day and even more later with light breezes in the afternoon. In the morning, it is estimated that the crew is within roughly 8 tons of available soils-'n-debris for the updated contract limit.

Crews were applied for several hours to the AFS Ops East pond-site excavations, the remote sites 24 & 25 in pre-final debris checks, the Site 31 PCB pit, the scrap steel staging area, the fire pit, and the active truck scale weighing and transport operation. The Site 31 PCB explorations have cleaned up with yesterday's EnSys tests with the exception of one: 31A-2; therefore after another 1/2 foot of excavation, 4 more samples were obtained for EnSys field analysis fro 31 A-2.

Fortunately, all 4 samples cleaned-up with the last EnSys tests. All samples of this past week were prepared for off-site lab analysis confirmation sampling. This means that all target PCB test pits from all project pits have revealed PCB results < 0.5 ppm as a result of preliminary EnSys tests. All PCB-contaminated soils gathered thus far , together with the estimated debris tally (includes the fire pit steel 1/2 cylinders which shall also be taken away as debris) fall within the overall debris-'n-soils CLIN tonnage tally. Fire curtain apparatus aerating the pit well – wood debris is being consumed rapidly.

By day-end, a noticeable volume of wood debris is turned to ash; some road repair has been undertaken – more planned for tomorrow; the scrap steel is near-complete in connex packaging; lots of connexes weighed and transferred to the beach staging area; Sites 24 & 25 inspected and confirmed to be cleared of debris and groomed – ready for seeding.

Today was the final day for scheduled visitors from the island towns of Gambell and Savoonga to visit this project site. Early afternoon messaging reveals this potential trip is once again cancelled (fog throughout the island shall ground aircraft). There shall be no more attempts to bring these local rep's to this site this season. The crew shall be active again through the weekend. Another productive day; QA photos obtained and transferred in advance of the Daily Report to the PDT this afternoon.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills

QAR

QAR Signature

Date

Supervisor's Initials

Date

21 Aug. '05

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 11/4" steel cables. Some above and on grnd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2"dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	95% (8/11/05)
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	95% (8/18/05)
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	95% (8/18/05)
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	95% (8/18/05)
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	95% (8/15/05)
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	95% (8/18/05)
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	95% (8/11/05)
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	100% (8/10/05)
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (7/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (7/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	
CL001109-11	Transport and dispose			
CL001201-12	Seed and fertilize in tundra NW of AFS Ops area	NE Cape	BEESC	
CL001202-12	Seed and fertilize on beach near barge ramp	NE Cape	BEESC	
CL001203-12	Seed and fertilize in tundra E of Site 7 Landfill	NE Cape	BEESC	
CL001204-12	Seed and fertilize in former AFS Ops area	NE Cape	BEESC	
CL001205-12	Seed and fertilize in tundra at Site 24	NE Cape	BEESC	
CL001205-12	Seed and fertilize in tundra at Site 25	NE Cape	BEESC	
CL001207-12	Seed and fertilize in tundra at Site 31	NE Cape	BEESC	
CL001208-12	Seed and fertilize in tundra at Site 32	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/19/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with uneven surfaces
Level D PPE Laborers---hearing protection where necessary
Heavy equipment operation---three points of contact when entering and exiting equipment, swing arc and pinch points
Burner operation---open excavation, extreme heat being generated, hearing protection required around air curtain, try to work upwind of burner to avoid smoke
General site safety rules reviewed.

Worksite ID/Clin No:

SS/Lead and No. of workers: L. MacDonald and (4) additional personnel.

Task to be accomplished: Disposal of wooden debris by burning.

Observations/Comments: A pit was construction approximately 4'x 10'x 30' on the 07102005. A tank cut in half provided the liner for the pit and was in place on 07132005. An area adjacent to the pit was set-up to stage collected wooden debris until burn operations commenced. Between July 10 and the 19 of August institutional controls in the form of barricades, caution tape and worker awareness have been in place and observed. Burn operation commenced on August 18 and will conclude at approximately 1200 on 20 August. A designated fire safety watch was assigned during all hours of operation. A water truck for emergency purposes was in close proximity of the burn area. PPE level for the task was D with hearing protection.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 057

Date or Time Period
Saturday August 20, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM: Low cloud cover/fog, calm winds.

PM: Overcast, calm to light winds, light precipitation.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No

Initial: No

Follow-up: No

Notes: Punch List Inspections were completed for the area northwest of the AFS Ops Area, at Site 31 and at Site 32. A Pre-Final Inspection was complete at the Site 7 Landfill.

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved?

Yes No N/A

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity?

Yes No N/A

Have samples been properly labeled and packaged?

Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

BEESC completed a field screening of oil recovered from a barrel that was punctured during excavation work at Site 7. The results indicated concentrations of PCBs, if present at all, were significantly less than 1000 ppm.

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none"> 1. BEESC shift work started at 7:00 hrs. 2. Continued burning of stockpiled wood utilizing air curtain blower/burner. 3. Began moving connexes from the staging site in the AFS Ops area to Cargo Beach. 4. Backfilled all soil excavation sites. Plastic sheeting was laid in the bottom of excavation pits where analytical data had not yet been received confirming that the concentrations of PCBs in the soil was in compliance with clean up level objectives. 5. Punch list inspections were completed by the Site Supervisor and CQC Officer for Site Debris Clean Up northwest of the AFS Ops Area, at Site 31 and at Site 32. 6. Pre-Final inspections were completed by the QAR and the Site Supervisor along the embankment east of Cargo Beach Road at Site 7. Noted deficiencies included a 55-gallon barrel other miscellaneous small sized debris which required removal or consolidation with the existing landfill material, and covering protruding barrels on the west side of the landfill with rock fill. Corrective action is in the process of being completed. 7. Completed seeding and applying fertilizer at Site 24 and Site 25. 8. Completed a Clor-D-Tect field screening of the oil from a barrel removed from Site 7. The results indicated concentrations of PCBs, if present at all, were significantly less than 1000 ppm. 9. Total personnel: 20.

Manpower On Site

Personnel	Classification	Saturday	Hours	Off Island
BEESC		8-20-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Tim Atkinson	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy TrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	8	8
Ford Lube/Fuel Tk	50-201	4	8	6	3	4	5	30	165.5	195.5
Ottawa Yard Goat-5 th wheel	50-320							0	10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321						1	1	0	1
Kenworth Tractor-5 th wheel	50-329		6	2	4	3	10	15	107.5	122.5
Kenworth Tractor-5 th wheel	50-330			8		4	6	18	67	85
Marooka Track Truck MST 1500	50-350	2	10		5	3		20	0	20
Marooka MST 2200 Dump Bed	50-351	10	10			5		25	89	104
Marooka MST 2200 Flatbed w/reel	50-352	10	7	10	10	10	5	52	155.5	207.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415							0	8	8

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426							0	21	21
Cat 980C loader w/bucket & forks	50-501			5			5	10	192.5	202.5
Cat 988B loader w/bucket & forks	50-505	3	1	10		7	9	30	121	151
Cat 12F Road Grader	50-700				2			2	0	2
Gehl Forklift (8000#)	50-800		2					2	51.5	53.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100		4		8		1	13	39	52
Cat D8K Winch Cat	51-101							0	52	52
Hitachi EX300LC Excavator	51-200	8	6		8	10	2	34	122.5	156.5
Hitachi EX120 Excavator	51-204	10	10	10	10		9	49	244	293
BobCat					5			5	19	24

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

The QAR requested the removal of additional debris from Site 7 embankment and the covering of exposed barrels along the west side of the landfill.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	46	47
Activity: CL001101, Surficial Debris Clean Up, Tundra NW of AFS Ops			95%
Activity: CL001103, Surficial Debris Clean Up, E of Site 7 Landfill			95%
Activity: CL001104, Surficial Debris Clean Up AFS Ops Area	40%	50%	90%
Activity: CL001107, Surficial Debris Clean Up at Site 31			95%
Activity: CL001108, Surficial Debris Clean Up at Site 32			95%
Activity: CL001201, Seeding Tundra Area NW of AFS Ops			
Activity: CL001202, Seeding at Cargo Beach Barge Landing Area			
Activity: CL001203, Seeding Tundra E of Site 7 Landfill			
Activity: CL001204, Seeding AFS Ops Area			
Activity: CL001205, Seeding Tundra at Site 24			100%
Activity: CL001206, Seeding Tundra at Site 25			100%
Activity: CL001207, Seeding Tundra at Site 31			
Activity: CL001208, Seeding Tundra at Site 32			

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- A Clor-D-Tect field screening test on a oil from a barrel remove from Site 7 indicated concentrations of PCBs, if present at all, were significantly less than 1000 ppm. An oil sample was also sent to an analytical laboratory to confirm the screen test results.
- Punch list inspections were completed at northwest of the AFS Ops Area, at Cargo Beach in the vicinity of the barge ramp, at Site 31 and at Site 32.
- A Pre-Final Inspection was completed at Site 7.
- Completed CLIN Activities CL001101, CL001103, CL001107, CL001108, CL001205 and CL001206.
- CLIN Activity CL001102 was listed in yesterday's Project Summary To Date as being incomplete. The activity was previously completed on 7/12/05.

Comments:

- None.

Summary of Tonnage Weighed by CLIN for Pay Units Denominated in Tons

CLIN 5 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000501-CL000518	Tram System Cable & Wire	105	101.895
TOTAL TONNAGE		105	101.895

CLIN 7 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000701	Drums	3	4.07
CL000702	Debris Field #1	20	31.86
CL000703	Debris Field #2	20	15.38
CL000704	Borrow Loading Area	2	3.57
TOTAL TONNAGE		45	54.88

CLIN 8 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000801	Welder	1	0.9
CL000802	Cargo Beach Debris	30	21.89
CL000803	Cargo Beach Road Debris	5	20.91
CL000804	Tank Areas	280	318.96
CL000805	Chevy Blazer	3	2.12
CL000806	Cummins Engines	36	27.76
CL000807	Site 7 Landfill	50	108.22
TOTAL TONNAGE		405	500.76

CLIN 9 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000901	Thermo Anchor	1	0.1
CL000902	Steel Tanks	6	1.08
CL000903	Pole Group A	3	1.86
CL000904	Pole Group B	1	0.47
CL000905	Pole Group C	2	3.48
CL000906	Pole Line 5	0.5	0.57
CL000907	Pole Group D	10	5
CL000908	Marston Matting	15	17
CL000909	Metallic Debris	100	71.11
CL000910	Armored Cable/Wire	10	3.33
CL000911	Armored Cable/Wire	25	27.4
CL000912	Armored Cable/Wire	1.5	1.6
CL000913	Antenna	1	1.69
CL000914	Antenna	1	2.3
CL000915	Concrete Foundations	1	9.84
TOTAL TONNAGE		178	146.83

CLIN 14 & 15 ACTIVITIES	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL001401	PCB Contaminated Soil	100	100
CL001501	Additional PCB Contaminated Soil	100	105.16
CL001501+	Additional PCB Contaminated Soil		85.535
TOTAL TONNAGE		200	290.695

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001403	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000603	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05
CL000910	8/11/05	CL000619	8/11/05	CL000805	8/15/05	CL000702	8/18/05
CL000703	8/18/05	CL000807	8/18/05	CL001101	8/20/05	CL001103	8/20/05
CL001107	8/20/05	CL001108	8/20/05	CL001205	8/20/05	CL001206	8/20/05

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Serjit
CQCSM Signature

8/22/05
Date

Rollie Roebel
Site Superintendent Signature

8-22-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

The 0700 hours Safety Tailgate was held under overcast and moderate ground fog conditions. Fog slowly lifted, returned at mid-day, and lifted again. A light precipitation fell on the area late in the morning which served to hold the road dust down – More rain arrived just after the dinner hour. Winds remained light though so taskwork was not impeded.

As reported, the crews are applied to all of the functions listed. Sites 24 & 25 received fertilizer & seed; Sites 31 and 32 are cleared for same. PCB holes are all backfilled and graded with material from the approved on-site gravel material source. QA inspected the Site 7 and photo'd the drums lodged in to the East slope, there. The third of those 3 drums, was stack-covered with boulders so to isolate the drum from the public should these fluids be left in-situ. Determination is yet to be made on this issue. Plastic sheathing emplaced within the 4 topside PCB test pits in anticipation of any potential of a failed off-site lab result, Pits are readied for backfill.

There are no haz-cattig kits on-site; The Chlor-D-Tect test kit that arrived last night was sufficient to test one barrel only. This test was applied to the single drum discovered on Site 7 West; results bore out that a PCB content, if existent at all, is low level. The entire access route from the beach to airstrip camp to the AFS Ops area is being leveled and graded with gravel today – extensive road repair to be left for the fishing village. Transport of connexes, and active burn pit, continue. Soil and debris weights totaled last night indicate the target debris tally has not been exceeded and still looking good. QA photos obtained; Safety observed throughout.

QAR is informed that reservations for DoD-approved aircraft Charters are scant for the upcoming week. This item is to be explored further next Monday, 22 August.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills ACE/QAR

QAR Signature

21

Date

Supervisor's Initials

Date

Aug, '05

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 11/4" steel cables. Some above and on grd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	95% (8/11/05)
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	95% (8/18/05)
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	95% (8/18/05)
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	95% (8/18/05)
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	95% (8/15/05)
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	95% (8/18/05)
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	95% (8/11/05)
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	100% (8/10/05)
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	95% (8/20/05)
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	95% (8/20/05)
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (8/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (8/20/05)
CL001107-11	Same as above. In tundra Site 31.	NE Cape	BEESC	95% (8/20/05)
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	95% (8/20/05)
CL001109-11	Transport and dispose			
CL001201-12	Seed and fertilize in tundra NW of AFS Ops area	NE Cape	BEESC	
CL001202-12	Seed and fertilize on beach near barge ramp	NE Cape	BEESC	
CL001203-12	Seed and fertilize in tundra E of Site 7 Landfill	NE Cape	BEESC	
CL001204-12	Seed and fertilize in former AFS Ops area	NE Cape	BEESC	
CL001205-12	Seed and fertilize in tundra at Site 24	NE Cape	BEESC	100% (8/20/05)
CL001205-12	Seed and fertilize in tundra at Site 25	NE Cape	BEESC	100% (8/20/05)
CL001207-12	Seed and fertilize in tundra at Site 31	NE Cape	BEESC	
CL001208-12	Seed and fertilize in tundra at Site 32	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

Date: 08/20/2005

Safety Meeting: 7:00 AM

Topics: Slips, trips and falls associated with uneven surfaces
Level D PPE Laborers---hearing protection where necessary
Heavy equipment operation---three points of contact when entering and exiting equipment, swing arc and pinch points
Burner operation---winding down, ashes removed to promote cooling, the excavation will remain open until sampling of the ash is completed.
General site safety rules reviewed.

Worksite ID/Clin No:

SS/Lead and No. of workers: L. MacDonald and (1) operator.

Task to be accomplished: Disposal of wooden debris by burning.

Observations/Comments: The conclusion of burn operations. A verification of burn contents was conducted. When the ash by-products have sufficiently cooled the materials were placed in a lined Baker box for off-island transport. The steel tank used as a lining for the pit will be removed, cut and stowed in a cargo container for off-island transport to a scrap facility. A test sample of the ash will be collected on 08222005 for lab analysis. After the ash is collected and tank removed, backfilling of the hole will take place. This will conclude burn operations at Northeast Cape.

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 058

Date or Time Period
Sunday August 21, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low:

Temp High:

AM:

PM:

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory:
 Initial:
 Follow-up:
 Notes:

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC day off for field personnel.2. Total personnel: 20.

Manpower On Site

Personnel	Classification	Sunday	Hours	Off Island
BEESC		8-21-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent			
Hank Seipt	CQCSM			
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO			
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman			
Kim Leach	Driver/Operator			
Bill Thorton	Operator			
John Wheeler	Operator			
Olaf Matson	Driver			
Rick Beasley	Mechanic			
Troy Whitmore	Oiler/Mechanic			
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer			
Sam Mokiyuk	Laborer			
Truman Kava	Laborer			
Paul Rookok	Laborer			
Sylvia Toolie	Office Staff			
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Tim Atkinson	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	8	8
Ford Lube/Fuel Tk	50-201							30	165.5	195.5
Ottawa Yard Goat-5 th wheel	50-320							0	10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321							1	0	1
Kenworth Tractor-5 th wheel	50-329							15	107.5	122.5
Kenworth Tractor-5 th wheel	50-330							18	67	85
Marooka Track Truck MST 1500	50-350							20	0	20
Marooka MST 2200 Dump Bed	50-351							25	89	104
Marooka MST 2200 Flatbed w/reel	50-352							52	155.5	207.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415							0	8	8

Equipment Type	BEESC Number	M-15	T-16	W-17	TH-18	F-19	S-20	Week's Total	Prior Weeks	Total
RFR10 Log Loader (Bailey Truck)	50-426							0	21	21
Cat 980C loader w/bucket & forks	50-501							10	192.5	202.5
Cat 988B loader w/bucket & forks	50-505							30	121	151
Cat 12F Road Grader	50-700							2	0	2
Gehl Forklift (8000#)	50-800							2	51.5	53.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100							13	39	52
Cat D8K Winch Cat	51-101							0	52	52
Hitachi EX300LC Excavator	51-200							34	122.5	156.5
Hitachi EX120 Excavator	51-204							49	244	293
BobCat								5	19	24

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

None.

Work Progress

Are there any Contractor-caused delays or potential finding of fact?

Yes No

Are there any Government-caused delays or potential finding of fact?

Yes No

Are there any unforeseeable or weather-related delays?

Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	47	48
Activity: CL001104, Surficial Debris Clean Up AFS Ops Area	40%	50%	90%
Activity: CL001201, Seeding Tundra Area NW of AFS Ops			
Activity: CL001202, Seeding at Cargo Beach Barge Landing Area			
Activity: CL001203, Seeding Tundra E of Site 7 Landfill			
Activity: CL001204, Seeding AFS Ops Area			
Activity: CL001207, Seeding Tundra at Site 31			
Activity: CL001208, Seeding Tundra at Site 32			

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- BEESC day off for field personnel.

Comments:

- None.

Summary of Tonnage Weighed by CLIN for Pay Units Denominated in Tons

CLIN 5 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000501-CL000518	Tram System Cable & Wire	105	101.895
TOTAL TONNAGE		105	101.895

CLIN 7 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000701	Drums	3	4.07
CL000702	Debris Field #1	20	31.86
CL000703	Debris Field #2	20	15.38
CL000704	Borrow Loading Area	2	3.57
TOTAL TONNAGE		45	54.88

CLIN 8 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000801	Welder	1	0.9
CL000802	Cargo Beach Debris	30	21.89
CL000803	Cargo Beach Road Debris	5	20.91
CL000804	Tank Areas	280	318.96
CL000805	Chevy Blazer	3	2.12
CL000806	Cummins Engines	36	27.76
CL000807	Site 7 Landfill	50	108.22
TOTAL TONNAGE		405	500.76

CLIN 9 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000901	Thermo Anchor	1	0.1
CL000902	Steel Tanks	6	1.08
CL000903	Pole Group A	3	1.86
CL000904	Pole Group B	1	0.47
CL000905	Pole Group C	2	3.48
CL000906	Pole Line 5	0.5	0.57
CL000907	Pole Group D	10	5
CL000908	Marston Matting	15	17
CL000909	Metallic Debris	100	71.11
CL000910	Armored Cable/Wire	10	3.33
CL000911	Armored Cable/Wire	25	27.4
CL000912	Armored Cable/Wire	1.5	1.6
CL000913	Antenna	1	1.69
CL000914	Antenna	1	2.3
CL000915	Concrete Foundations	1	9.84
TOTAL TONNAGE		178	146.83

CLIN 14 & 15 ACTIVITIES	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL001401	PCB Contaminated Soil	100	100
CL001501	Additional PCB Contaminated Soil	100	105.16
CL001501+	Additional PCB Contaminated Soil		85.535
TOTAL TONNAGE		200	290.695

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05
CL000910	8/11/05	CL000619	8/11/05	CL000805	8/15/05	CL000702	8/18/05
CL000703	8/18/05	CL000807	8/18/05	CL001101	8/20/05	CL001103	8/20/05
CL001107	8/20/05	CL001108	8/20/05	CL001205	8/20/05	CL001206	8/20/05

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijt
CQCSM Signature

8/22/05
Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Crew field work idle today with the exception of the fire pit. A computer and paperwork day.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills *AD/E / QAR*

QAR Signature

Date

Supervisor's Initials

Date

EE *Aug. '05*

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 1 1/4" steel Tram cables. Above grd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 1 1/4" steel cables. Some above and on grd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 2 1/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 1 1/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 1 1/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	95% (8/11/05)
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	95% (8/18/05)
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	95% (8/18/05)
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	95% (8/18/05)
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	95% (8/15/05)
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	95% (8/18/05)
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	95% (8/11/05)
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long, ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	100% (8/10/05)
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	95% (8/20/05)
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	95% (8/20/05)
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (8/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (8/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	95% (8/20/05)
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	95% (8/20/05)
CL001109-11	Transport and dispose			
CL001201-12	Seed and fertilize in tundra NW of AFS Ops area	NE Cape	BEESC	
CL001202-12	Seed and fertilize on beach near barge ramp	NE Cape	BEESC	
CL001203-12	Seed and fertilize in tundra E of Site 7 Landfill	NE Cape	BEESC	
CL001204-12	Seed and fertilize in former AFS Ops area	NE Cape	BEESC	
CL001205-12	Seed and fertilize in tundra at Site 24	NE Cape	BEESC	100% (8/20/05)
CL001205-12	Seed and fertilize in tundra at Site 25	NE Cape	BEESC	100% (8/20/05)
CL001207-12	Seed and fertilize in tundra at Site 31	NE Cape	BEESC	
CL001208-12	Seed and fertilize in tundra at Site 32	NE Cape	BEESC	
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 059

Date or Time Period
Monday August 22, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 45-50

Temp High: 50-55

AM: Low cloud cover, calm winds.

PM: High overcast, calm to light winds, light to moderate precipitation.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No
 Initial: No
 Follow-up: No

Notes: Punch List Inspections were completed for the AFS Ops Area and the Cargo Beach barge ramp area. Pre-Final/Final Inspections were completed at the AFS Ops Area, the tundra area northwest of the AFS Ops Area, Site7, Site31, Site 32 and the Tram Line. It was agreed to by the QAR and the Site Superintendent that no seeding or fertilizer application would be done at the Cargo Beach site because of the low likelihood of seed germination due to the sandy and salty conditions found along the beach in the vicinity of the barge ramp. The seed/fertilizer acreage allotted to the Cargo Beach ramp site would instead be exchanged for disturbed acreage at two locations in the vicinity of AFS Ops Area and between Site 31 and Site 32 where grass was more likely to grow.

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date? Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved? Yes No N/A

Have Samples Been Collected for Laboratory Analysis? Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples
Hazardous Waste Characterization	Metals	1	1

Have QA and QC samples been collected in the specified quantity? Yes No N/A

Have samples been properly labeled and packaged? Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved? Yes No N/A

One ash sample from the debris burner operation was collected.

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none"> 1. BEESC shift work started at 7:00 hrs. 2. Continued moving connexes from the staging site in the AFS Ops area to Cargo Beach. 3. Completed debris removal activities at the AFS Ops Area. 4. Completed seeding and applying fertilizer at the AFS Ops Area, Site7, Site 31, and Site 32. 5. Excavated and loaded ash from the fire pit into a Baker Box. 6. Completed backfilling the fire/burner pit. 7. Total personnel: 20.

Manpower On Site

Personnel	Classification	Monday	Hours	Off Island
BEESC		8-23-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Tim Atkinson	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-22	T-23	W-24	TH-25	F-26	S-27	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200							0	8	8
Ford Lube/Fuel Tk	50-201	3						30	165.5	195.5
Ottawa Yard Goat-5 th wheel	50-320	8						0	10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321							1	0	1
Kenworth Tractor-5 th wheel	50-329	10						15	107.5	122.5
Kenworth Tractor-5 th wheel	50-330	6						18	67	85
Marooka Track Truck MST 1500	50-350							20	0	20
Marooka MST 2200 Dump Bed	50-351							25	89	104
Marooka MST 2200 Flatbed w/reel	50-352							52	155.5	207.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415							0	8	8

Equipment Type	BEESC Number	M-22	T-23	W-24	TH-25	F-26	S-27	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426							0	21	21
Cat 980C loader w/bucket & forks	50-501							10	192.5	202.5
Cat 988B loader w/bucket & forks	50-505	9						30	121	151
Cat 12F Road Grader	50-700							2	0	2
Gehl Forklift (8000#)	50-800							2	51.5	53.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	1						13	39	52
Cat D8K Winch Cat	51-101							0	52	52
Hitachi EX300LC Excavator	51-200	2						34	122.5	156.5
Hitachi EX120 Excavator	51-204	4						49	244	293
BobCat								5	19	24

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

The salty and sandy environment of Cargo Beach was not likely to be conducive for grass growth, thus, it was agreed upon by the QAR and Site Supervisor not to seed the barge area. To compensate for the for the Cargo Beach site, the QAR instructed the BEESC Site Supervisor to spread seed and fertilizer over the connex staging area by AFS Ops, the fuel farm area/upper metal storage yard/equipment staging area, and east of the roadway between Site 31 and Site 32.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	48	49
Activity: CL001104, Surficial Debris Clean Up AFS Ops Area	5%	90%	95%
Activity: CL001201, Seeding Tundra Area NW of AFS Ops			
Activity: CL001202, Seeding at Cargo Beach Barge Landing Area			100%*
Activity: CL001203, Seeding Tundra E of Site 7 Landfill			100%
Activity: CL001204, Seeding AFS Ops Area			100%
Activity: CL001207, Seeding Tundra at Site 31			100%
Activity: CL001208, Seeding Tundra at Site 32			100%

* No seed or fertilizer applied due to a salty, sandy beach environment which was not conducive to the growth of grass.

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- In lieu of spreading seed and fertilizer at the Cargo Beach barge ramp, seed will be/was spread at two locations in the vicinity of AFS Ops Area (connex staging area and the fuel farm area/upper metal storage yard/equipment staging area), and east of the roadway between Site 31 and Site 32. and between Site 31 and Site 32.
- Completed CLIN Activities CL001104, CL001202, CL001203, CL001204, CL001207 and CL001208.
- Final Inspections were completed for debris removal at the AFS Ops Area, the tundra area northwest of the AFS Ops Area, Site 7, Site 31, Site 32 and the Tram Line.

Comments:

- None.

Summary of Tonnage Weighed by CLIN for Pay Units Denominated in Tons

CLIN 5 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000501-CL000518	Tram System Cable & Wire	105	101.895
TOTAL TONNAGE		105	101.895

CLIN 7 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000701	Drums	3	4.07
CL000702	Debris Field #1	20	31.86
CL000703	Debris Field #2	20	15.38
CL000704	Borrow Loading Area	2	3.57
TOTAL TONNAGE		45	54.88

CLIN 8 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000801	Welder	1	0.9
CL000802	Cargo Beach Debris	30	21.89
CL000803	Cargo Beach Road Debris	5	20.91
CL000804	Tank Areas	280	318.96
CL000805	Chevy Blazer	3	2.12
CL000806	Cummins Engines	36	27.76
CL000807	Site 7 Landfill	50	108.22
TOTAL TONNAGE		405	500.76

CLIN 9 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000901	Thermo Anchor	1	0.1
CL000902	Steel Tanks	6	1.08
CL000903	Pole Group A	3	1.86
CL000904	Pole Group B	1	0.47
CL000905	Pole Group C	2	3.48
CL000906	Pole Line 5	0.5	0.57
CL000907	Pole Group D	10	5
CL000908	Marston Matting	15	17
CL000909	Metallic Debris	100	74.83
CL000910	Armored Cable/Wire	10	3.33
CL000911	Armored Cable/Wire	25	27.4
CL000912	Armored Cable/Wire	1.5	1.6
CL000913	Antenna	1	1.69
CL000914	Antenna	1	2.3
CL000915	Concrete Foundations	1	9.84
TOTAL TONNAGE		178	150.55

CLIN 14 & 15 ACTIVITIES	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL001401	PCB Contaminated Soil	100	100
CL001501	Additional PCB Contaminated Soil	100	105.16
CL001501+	Additional PCB Contaminated Soil		85.535
TOTAL TONNAGE		200	290.695

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05
CL000910	8/11/05	CL000619	8/11/05	CL000805	8/15/05	CL000702	8/18/05
CL000703	8/18/05	CL000807	8/18/05	CL001101	8/20/05	CL001103	8/20/05
CL001107	8/20/05	CL001108	8/20/05	CL001205	8/20/05	CL001206	8/20/05
CL001104	8/22/05	CL001202	8/22/05	CL001203	8/22/05	CL001204	8/22/05
CL001207	8/22/05	CL001208	8/22/05				

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijt
CQCSM Signature

8/23/05
Date

[Signature]
Site Superintendent Signature

8-23-05
Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature

Date

Supervisor's Initials

Date

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

Standard issues covered at the 0700hours Safety Tailgate. Morning fog eventually lifts in a few hours; Moderate breezes today under broken overcast conditions; precipitation at noon and later in the day & evening; Generally good working weather all day for fertilizer and seeding spreaders which appear to work well. These spreaders are attached to the backside of a pair of ATV's and work well in deploying granules in a roughly 10 foot radius about the backside of the ATV. The fertilizer is comprised of small white pellets and as compared with the seed, is readily observable in contrast against the ground surface. The spreading capability of the ATV-mounted machines is apparent. It is hoped that the light rains help to saturate and hold down the fertilizer and seed particulates before strong winds arrive.

Other work accomplished as reported. All wood debris has been burned; Fuel pit ½ cylinders ready to be weighed and cut-up for transport; The fuel farm is underway in break-down. After dinner, a driving tour of the remaining areas to be punchlist-inspected is accomplished; all looking good in grading prep' and/ or final completion of seeding. Crew also delivered seed by-hand to lessen waste to those strips where the ATV could not discriminate track lines for deployment of seed. With the goal of erosion prevention in mind, QAR made the decision to use the seed intended for the beachfront sand access area, to be re-deployed to the upper staging area circa the fuel farm. This area is outside of the design footprint of the AFS Ops area; Seed is more likely to take hold here, than in the sand near the beach.

It should be noted that this is a late-season deployment of seed. The late autumn deployment of seed on this acreage is not the prime time to deploy seed. This seed is being deployed at project end with the hope that some of this seed will (1) not blow away with the expected more-frequent arrival of autumn season wind patterns (some of which are predicted for tomorrow with a new low pressure system slated to arrive); and (2) will survive the germination expected with autumn precipitation, but followed by the almost certain evening frost expected in early September in 2 -3 weeks.

Ensuing frost so soon after a germination may not allow the grass the time to mature and root with strength for cold season hibernation; rather the frost might have a disastrous effect on the germinating seed, thus killing it in its infancy. While these re-seeding zones might re-grow naturally, follow-up inspection is nevertheless recommended in the ensuing year(s) to ascertain any growth to the target areas – particularly the bald areas that possess little-to-no protective light grass overgrowth to hold this seed down

The project Weekly tele-conference is planned for tomorrow morning Tuesday, 23 August at 0900 hours for overall updates. It is already known that air flight reservations for off-island evacuation of the labor employees and the QAR shall be tight over the next few days as the air carriers have been routinely booked-up well in advance the last few weeks partially due to delays caused by weather, forest fire, and community medical evac' needs. Reminder that the QAR requires a DoD-approved air Charter aircraft and only a few companies can provide this need. Not only that, the QAR is informed there may be no Charter available direct to Fairbanks. QAR may have to pack this office through Alaska Airlines after an overnight stay in Nome.

Decisions shall be made regarding 5 additional Site 7 exposed drums. Note that one slightly torn drum was already pumped free of oil to a transport drum and removed from the West slope thus far; The Ktr has discovered 2 more partially exposed drums on the West slope face, one of which has a topside hole in it, and 3 more drums that we are aware of on the East slope face (therefore 5 current exposed drums total). One of the East slope drums is situated at the toe of the East slope and is currently protected with boulders so to inhibit the potential leaker from public access.

Only one of the drums is observed to possess a topside tear in the drum body; upon recent further investigation, this Site 7 West slope drum has been observed to contain largely an apparent water content with a floating petroleum layer atop (It is assumed water has infiltrated the drum over the years through the topside tear). The Ktr currently possesses no more Chlor-'n-Oil detect kits at camp with which to test this drum or any others, and possesses only a few empty transport drums that might be used to pump these contents off for island evacuation. Solutions are expected to be discussed at the Weekly tele-conference tomorrow.

QA photos obtained.

QA Safety Inspections/Observations not noted in above comments:

S.A. Mills	ABE	QAR	
QAR Signature	Date	Supervisor's Initials	Date
	24 Aug. '05		

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 11/4" steel cables. Some above and on grd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	95% (8/11/05)
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	95% (8/18/05)
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	95% (8/18/05)
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	95% (8/18/05)
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	95% (8/15/05)
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	95% (8/18/05)
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 ½" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	95% (8/11/05)
CL000911-9	Eight strands of 1 ½" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 ½" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	100% (8/10/05)
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	95% (8/20/05)
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	95% (8/20/05)
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	95% (8/22/05)
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (8/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (8/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	95% (8/20/05)
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	95% (8/20/05)
CL001109-11	Transport and dispose			
CL001201-12	Seed and fertilize in tundra NW of AFS Ops area	NE Cape	BEESC	
CL001202-12	Seed and fertilize on beach near barge ramp	NE Cape	BEESC	100% (8/22/05)
CL001203-12	Seed and fertilize in tundra E of Site 7 Landfill	NE Cape	BEESC	100% (8/22/05)
CL001204-12	Seed and fertilize in former AFS Ops area	NE Cape	BEESC	100% (8/22/05)
CL001205-12	Seed and fertilize in tundra at Site 24	NE Cape	BEESC	100% (8/20/05)
CL001205-12	Seed and fertilize in tundra at Site 25	NE Cape	BEESC	100% (8/20/05)
CL001207-12	Seed and fertilize in tundra at Site 31	NE Cape	BEESC	100% (8/22/05)
CL001208-12	Seed and fertilize in tundra at Site 32	NE Cape	BEESC	100% (8/22/05)
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

WEEKLY MEETING

AUGUST 23, 2005

09:00-09:30

NE Cape: R. Goebel, H. Seipt, T. Peterson, and S. Mills

BEESC Anchorage: S. Johnson, M. Turner, and P. Curl

USACE: P. Schneider and L. Geist

BEESC AGENDA

1. Progress for the Week

A. R. Goebel

All debris removal work has been completed.

85% of seeding completed with the balance to be finished today.

Removal of the scale is anticipated to be completed today/

Three additional areas not defined in CIINs will be completed. The Cargo Beach area will be deleted as it is doubtful that seed will germinate in the beach sand.

Camp demobilization will begin today.

2. Waste Transport

P. Curl

Manifests are in Nome. Expect them to be delivered tomorrow. Sam will need to sign.

Barge in the 29th depending on weather and other stops.

Scrap metal is going to a recycler in Seattle

3. Drum with unknown content

S. Johnson

Drum located on both the east and west sides of Site 7 Landfill.

If contents obviously not oil, a volatile scan will be required.

Testing of drums

Cons

BEESC not prepared for drum testing work---no PPE

Unknown product, safety issue exists due to possible hazards to workers

Mess could be create when handling

Possibility of finding more drums, other than 4 to 5 thought to be exposed as landfill embankment

4. Alternatives

P. Schneider

Possibility of combining drum work with Gambil job

Leave drums as they are

Possibility of going after any compromised drums

Decided the latter alternative the most feasible

5. Demobilization

R. Goebel

Personnel scheduled to leave island beginning 8/24

Savoonga laborers first personnel to leave---Nome for exit physicals

**NE CAPE TRAM & DEBRIS REMOVAL
TELECON AGENDA
0900 hr August 23, 2005**

Reminder: Conference call-in number: 1 (800) 315-6338, Access code: 25037#

1. Progress to date
 - a. Work Items Summary
 - b. Health and safety issues
 - c. Waste transport/disposal issues
2. Work for upcoming week/Schedule update
 - a. Unknown drums in landfill at Site 7
 - b. Demobilization
3. Other issues

DAILY QUALITY CONTROL REPORT
ENVIRONMENTAL QUALITY CONTROL/QUALITY ASSURANCE REPORT
(ER 415-1-302)

Contract Number / Delivery Order Number
BEESC Project No. 25037

UPC/Project Title and Location of Work
White Alice Tram and Debris Removal
Northeast Cape, St. Lawrence Island, AK.

CQC Report Number
N. E. Cape 060

Date or Time Period
Tuesday August 23, 2005

Client
USACE, Alaska District

Weather Conditions:

Temp Low: 40-45

Temp High: 45-50

AM/PM: Low to moderate cloud cover, stormy, light variable precipitation, high sustained winds (+25 MPH).

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed and corrective action.)

Preparatory: No

Initial: No

Follow-up: No

Notes: All field CLINs successfully completed.

Deficiencies noted and/or corrected this day (Include corrective action taken and anticipated date of correction).

Field Sampling and Testing

Has field testing been performed this date?

Yes No N/A

Type of Test	Method/Matrix	Quantity of Samples	Total

Have Data Quality Objectives been achieved?

Yes No N/A

Have Samples Been Collected for Laboratory Analysis?

Yes No N/A

Type of Test	EPA Test Method/Matrix	Daily Samples	Total Samples

Have QA and QC samples been collected in the specified quantity?

Yes No N/A

Have samples been properly labeled and packaged?

Yes No N/A

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.)

Yes No N/A

Have required amount of QC trip blanks and rinsates been achieved?

Yes No N/A

Health and Safety

Worker protection levels this date: Level B Level C Level D Modified Level D

Was any work activity conducted within a confined space? Yes No N/A

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes No N/A

Were approved decontamination procedures used on workers and equipment as required? Yes No N/A

Was a Job Safety Meeting held this day? Yes No N/A

Were there any "Lost Time" accidents this day? (If YES, attach copy of completed accident report) Yes No N/A

Was hazardous waste/materials released into the environment? Yes No N/A

Safety Comments: (include any infractions of approved safety plan, and include instructions from government personnel. Specify corrective action taken.)

Work Activities Performed This Date

Specification or Contract Reference	Activity and Location
	<ol style="list-style-type: none">1. BEESC shift work started at 7:00 hrs.2. Continued moving connexes from the staging site in the AFS Ops area to Cargo Beach.3. Completed seeding and applying fertilizer at the area northwest of AFS Ops Area, at the connex staging area by AFS Ops and at the fuel farm area/upper metal storage yard/equipment staging area.4. Removed contents of one breached barrel located on the west side of the Site 7 Landfill.5. Began packing equipment and material for demobilization.6. Removed weigh scale.7. Total personnel: 20.

Manpower On Site

Personnel	Classification	Tuesday	Hours	Off Island
BEESC		8-23-05		
Steve Johnson	Project Manager			
Clark Roberts	CIH			
Rollie Goebel	Site Superintendent		11	
Hank Seipt	CQCSM		11	
Chuck Croley	Alt. CQCSM			
Toby Petersen	SSHO		11	
Larry Pederson	Environmental Sampler			
Michele Turner	Project Chemist			
Mac McDonald	Foreman		11	
Kim Leach	Driver/Operator		11	
Bill Thorton	Operator		11	
John Wheeler	Operator		11	
Olaf Matson	Driver		11	
Rick Beasley	Mechanic		11	
Troy Whitmore	Oiler/Mechanic		11	
Carl Calugen	Laborer Foreman			
Eugene Toolie	Laborer		11	
Sam Mokiyuk	Laborer		11	
Truman Kava	Laborer		11	
Paul Rookok	Laborer		11	
Sylvia Toolie	Office Staff		10	
Rhonda Curtain	Office Staff			
FAIRWEATHER				
Tim Atkinson	Medic		1 Day	
ARCTIC CATERING				
Greg Swank	Camp Man./Cook		1 Day	
Tim Gregory	Maintenance		1 Day	
Matt Vicks	Cook Assistant		1 Day	
USACE				
Sam Mills	QAR		1 Day	

Equipment On Site

Equipment Type	BEESC Number	M-22	T-23	W-24	TH-25	F-26	S-27	Week's Total	Prior Weeks	Total
Ford Expedition XLT (Medic)	50-100	Daily	Daily	Daily	Daily	Daily	Daily			
ChevyTrailBlazer (QAR)	50-139	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Extended Cab 4X4 Pickup	50-133	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Sierra 1500 (CQC)	50-117	Daily	Daily	Daily	Daily	Daily	Daily			
Ford F150 XL Ext. Cab P/U (SSHO)	50-113	Daily	Daily	Daily	Daily	Daily	Daily			
Chevy Blazer 4X4	50-136	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Super Crew Cab 4X4 Pickup	50-138	Daily	Daily	Daily	Daily	Daily	Daily			
GMC Crew Cab P/U	50-115	Daily	Daily	Daily	Daily	Daily	Daily			
Ford Utility/Mechanic Tk.	50-200								8	8
Ford Lube/Fuel Tk	50-201	3	2						165.5	195.5
Ottawa Yard Goat-5 th wheel	50-320	8							10	10
Kaiser 6X6 Cargo Tk. w/tank	50-321		4						0	1
Kenworth Tractor-5 th wheel	50-329	10							107.5	122.5
Kenworth Tractor-5 th wheel	50-330	6	8						67	85
Marooka Track Truck MST 1500	50-350								0	20
Marooka MST 2200 Dump Bed	50-351								89	104
Marooka MST 2200 Flatbed w/reel	50-352								155.5	207.5
40' Trailer—Utility Flatbed	50-403									
40' Trailer—Wilson Flatbed	50-405									
32' AR400 Demo End Dump	50-408									
36' AR400 Demo End Dump	50-410									
Onyx ATV Trailer	50-415								8	8

Equipment Type	BEESC Number	M-22	T-23	W-24	TH-25	F-26	S-27	Week's Total	Prior Weeks	Total
.RFR10 Log Loader (Bailey Truck)	50-426								21	21
Cat 980C loader w/bucket & forks	50-501								192.5	202.5
Cat 988B loader w/bucket & forks	50-505	9	10						121	151
Cat 12F Road Grader	50-700								0	2
Gehl Forklift (8000#)	50-800								51.5	53.5
Argo 6 Wheeler	50-900									
Argo 6 Wheeler	50-902									
Argo 6 Wheeler	50-903									
Honda Rancher 4 Wheeler	50-911	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-912	Daily	Daily	Daily	Daily	Daily	Daily			
Honda Rancher 4 Wheeler	50-915	Daily	Daily	Daily	Daily	Daily	Daily			
Arctic Cat 4 Wheeler	50-917	Daily	Daily	Daily	Daily	Daily	Daily			
Cat D8K Ripper Cat	51-100	1							39	52
Cat D8K Winch Cat	51-101								52	52
Hitachi EX300LC Excavator	51-200	2							122.5	156.5
Hitachi EX120 Excavator	51-204	4	3						244	293
BobCat									19	24

Materials Received to be Used on or Incorporated into Site

None.

Instructions Given by Government to BEESC (include names, reactions, and remarks.)

Received instructions to remove the contents of one breached barrel located on the west side of the Site 7 Landfill. After contents (water and a thin layer of oil) the barrel opening was plugged, the barrel covered in plastic, and the plastic secured by rocks.

Work Progress

- Are there any Contractor-caused delays or potential finding of fact? Yes No
- Are there any Government-caused delays or potential finding of fact? Yes No
- Are there any unforeseeable or weather-related delays? Yes No

Progress Tracking Table

PROJECT SUMMARY TO DATE			
Item	Today's Total (Units)	Previous Total	Project Total
Activity: CL000401, Field Overhead	1	49	50
Activity: CL001201, Seeding Tundra Area NW of AFS Ops			100%

Remarks (include any visitors to project and miscellaneous remarks pertinent to work.)

- Weekly teleconference meeting conducted today.
- Completed CLIN Activity CL001201.
- No deficiencies noted by QAR for finished work. All CLINs successfully completed.

Comments:

- None.

Summary of Tonnage Weighed by CLIN for Pay Units Denominated in Tons

CLIN 5 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000501-CL000518	Tram System Cable & Wire	105	101.895
TOTAL TONNAGE		105	101.895

CLIN 7 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000701	Drums	3	4.07
CL000702	Debris Field #1	20	31.86
CL000703	Debris Field #2	20	15.38
CL000704	Borrow Loading Area	2	3.57
TOTAL TONNAGE		45	54.88

CLIN 8 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000801	Welder	1	0.9
CL000802	Cargo Beach Debris	30	21.89
CL000803	Cargo Beach Road Debris	5	20.91
CL000804	Tank Areas	280	318.96
CL000805	Chevy Blazer	3	2.12
CL000806	Cummins Engines	36	27.76
CL000807	Site 7 Landfill	50	108.22
TOTAL TONNAGE		405	500.76

CLIN 9 ACTIVITY	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL000901	Thermo Anchor	1	0.1
CL000902	Steel Tanks	6	1.08
CL000903	Pole Group A	3	1.86
CL000904	Pole Group B	1	0.47
CL000905	Pole Group C	2	3.48
CL000906	Pole Line 5	0.5	0.57
CL000907	Pole Group D	10	5
CL000908	Marston Matting	15	17
CL000909	Metallic Debris	100	74.83
CL000910	Armored Cable/Wire	10	3.33
CL000911	Armored Cable/Wire	25	27.4
CL000912	Armored Cable/Wire	1.5	1.6
CL000913	Antenna	1	1.69
CL000914	Antenna	1	2.3
CL000915	Concrete Foundations	1	9.84
TOTAL TONNAGE		178	150.55

CLIN 14 & 15 ACTIVITIES	ITEM DETAIL	USACE ESTIMATE	WEIGHT IN TONS
CL001401	PCB Contaminated Soil	100	100
CL001501	Additional PCB Contaminated Soil	100	105.16
CL001501+	Additional PCB Contaminated Soil		85.535
TOTAL TONNAGE		200	290.695

COMPLETED CLIN FIELD ACTIVITIES

Activity	Date Completed						
CL000206	7/3/05	CL000103	7/4/05	CL001002	7/5/05	CL000301	7/7/05
CL001601	7/8/05	CL001603	7/8/05	CL001004	7/8/05	CL001602	7/10/05
CL000912	7/10/05	CL000903	7/11/05	CL000904	7/11/05	CL000906	7/11/05
CL000803	7/12/05	CL000802	7/12/05	CL001102	7/12/05	CL000907	7/13/05
CL000909	7/13/05	CL000913	7/14/05	CL000806	7/14/05	CL000801	7/15/05
CL001001	7/16/05	CL000914	7/16/05	CL000704	7/19/05	CL001401	7/20/05
CL001402	7/20/05	CL001403	7/20/05	CL001404	7/20/05	CL001405	7/20/05
CL001406	7/20/05	CL001407	7/20/05	CL001408	7/20/05	CL001409	7/20/05
CL001410	7/20/05	CL001411	7/20/05	CL001412	7/20/05	CL001413	7/20/05
CL001414	7/20/05	CL001415	7/20/05	CL001416	7/20/05	CL001105	7/20/05
CL001106	7/20/05	CL000911	7/20/05	CL000302	7/20/05	CL000620	7/20/05
CL001003	7/21/05	CL000908	7/23/05	CL000902	7/26/05	CL000618	7/27/05
CL000701	7/27/05	CL000601	7/29/05	CL000602	7/29/05	CL000603	8/2/05
CL000604	8/2/05	CL000605	8/2/05	CL000606	8/3/05	CL000607	8/3/05
CL000608	8/5/05	CL000609	8/5/05	CL000610	8/5/05	CL000611	8/5/05
CL000612	8/5/05	CL000613	8/5/05	CL000614	8/5/05	CL000615	8/5/05
CL000616	8/5/05	CL000617	8/5/05	CL000901	8/7/05	CL000905	8/7/05
CL001501	8/7/05	CL000501	8/10/05	CL000502	8/10/05	CL000503	8/10/05
CL000504	8/10/05	CL000505	8/10/05	CL000506	8/10/05	CL000507	8/10/05
CL000508	8/10/05	CL000509	8/10/05	CL000510	8/10/05	CL000511	8/10/05
CL000512	8/10/05	CL000513	8/10/05	CL000514	8/10/05	CL000515	8/10/05
CL000516	8/10/05	CL000517	8/10/05	CL000518	8/10/05	CL000915	8/10/05
CL000910	8/11/05	CL000619	8/11/05	CL000805	8/15/05	CL000702	8/18/05
CL000703	8/18/05	CL000807	8/18/05	CL001101	8/20/05	CL001103	8/20/05
CL001107	8/20/05	CL001108	8/20/05	CL001205	8/20/05	CL001206	8/20/05
CL001104	8/22/05	CL001202	8/22/05	CL001203	8/22/05	CL001204	8/22/05
CL001207	8/22/05	CL001208	8/22/05	CL001201	8/23/05		

Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Henry M. Seijit
CQCSM Signature

8/23/05
Date

Rollie Eichel
Site Superintendent Signature

8-23-05
Date

Government Quality Assurance Comments

Was QA testing performed this day? Yes No N/A

Concurs with the QC report? Yes No N/A

Additional comments or exceptions:

QA Safety Inspections/Observations not noted in above comments:

QAR Signature	Date	Supervisor's Initials	Date
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Contractor's Verification: On behalf of the Contractor, I certify that the above report is complete and correct and that all materials and equipment used, work performed, and tests conducted during this period were in strict compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

CQCSM Signature

Date

Site Superintendent Signature

Date

Government Quality Assurance Comments

Was QA testing performed this day?

Yes No N/A

Concurs with the QC report?

Yes No N/A

Additional comments or exceptions:

This is the final Daily Report for this project. The anticipated low pressure arrived last night with minor precipitation but continual gusty winds to 20 knots. The 0700 hours Safety Tailgate enumerated the wrap-up duties for the crew under generally overcast conditions and gusty winds. As reported, the Weekly tele-con was held at 0900 hours; it is conveyed that this project is nearing completion and is in de-mob' status. A decision was made to obtain the oily water from the sole opened drum at Site 7 West and test it with soon-to-arrive Chlor-D-tect kits on Wednesday air carriers.

Crew conducted final seeding and de-mob; duties in truck scale breakdown and consolidation of equipment to connexes. Crew observed to evacuate the Site 7 West drum of oily water with absorbent materials which were then transferred to heavy plastic bags for transport. Chlor-D-Tect kits are due in tomorrow on one of the ordered air carriers, weather permitting.

QA photos obtained of the drum evacuation as well as more of the finalized sites. A good job overall.

QA Safety Inspections/Observations not noted in above comments:

J.A. Mills *ACE*
GAR

QAR Signature

Date

Supervisor's Initials

Date

24 AUG.
'05

CLIN COMPLETION SUMMARY

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000101-1	Ice Recon flights	Nome	BEESC/Bering Air	100%
CL000102-1	Mobilize BEESC and subcontractor camp, plant, and equip. to Port of Anchorage.	Anchorage	BEESC	100%
CL000103-1	Mobilize from the Port of Anchorage to St. Lawrence Island.	Bering Sea	BEESC/Northland Barge	100% (7/4/05)
CL000104-1	Demobilize BEESC and Subcontractor camp, plant, and equipment to Cargo Beach at Northeast Cape	NE Cape	BEESC	
CL000105-1	Demobilize from Cargo Beach at NE Cape to the Port of Anch.	Bering Sea	BEESC/Northland Barge	
CL000205-2	Pr-Mobilization Conference	Anchorage	BEESC	
CL000206-2	Surveys and Benchmarks	NE Cape	BEESC/Terra Surveyors	100% (7/3/05)
CL000207-2	As-built surveys and final sample locations	NE Cape	BEESC/Terra Surveyors	
CL000211-2	Project Management	Anchorage/ NE Cape	BEESC	
CL000301-3	Work Site Access, Lower Mountain	NE Cape	BEESC	100% (7/7/05)
CL000302-3	Work Site access, Upper Mountain	NE Cape	BEESC	95% (7/20/05)
CL000401-4	Field Overhead, Including camp and other support.	NE Cape	BEESC/Others	Initiated 7/5/05
CL000501-5	Two 11/4" steel Tram cables. Above grnd supported by tram towers.	NE Cape	BEESC	95% (8/10/05)
CL000502-5	Two 11/4" steel cables. Some above and on grnd.	NE Cape	BEESC	95% (8/10/05)
CL000503-5	One 2" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000504-5	One 21/4" armored marine wire. Assume PCBs and asbestos.	NE Cape	BEESC	95% (8/10/05)
CL000505-5	One line of 1/2" steel cable, attached to marine wire and to support Towers.	NE Cape	BEESC	95% (8/10/05)
CL000506-5	One line of 11/4" steel support cable.	NE Cape	BEESC	95% (8/10/05)
CL000507-5	One 3/4" dia. Line. Indestructo P-106 BM	NE Cape	BEESC	95% (8/10/05)
CL000508-5	Wire bundle comprised of 3 wires plus steel cable. Cable is separate of 1" dia. Cable. On grnd. Surface	NE Cape	BEESC	95% (8/10/05)
CL000509-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000510-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000511-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000512-5	Wire bundle. Three 1" dia. Lines plus one steel cable. On grnd.	NE Cape	BEESC	95% (8/10/05)
CL000513-5	One 1/2" steel cable. Attached to lines above. On grnd. Surface.	NE Cape	BEESC	95% (8/10/05)
CL000514-5	One 11/4" dia. Steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000515-5	One 1/2" dia steel cable.	NE Cape	BEESC	95% (8/10/05)
CL000516-5	Two 1/2" dia. Black wires.	NE Cape	BEESC	95% (8/10/05)
CL000517-5	Four lines of approx. No. 14 black wire.	NE Cape	BEESC	95% (8/10/05)
CL000518-5	Coiled Line comprised of 3-lines of 1" dia. Black wire.	NE Cape	BEESC	95% (8/10/05)
CL000601-6	Tram Tower #1. Painted. Steel. Anchored to concrete pad.	NE Cape	BEESC	95% (7/29/05)
CL000602-6	Tram Tower #2. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/29/05)
CL000603-6	Tram Tower #3. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000604-6	Tram Tower #4. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)
CL000605-6	Tram Tower #5. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/2/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000606-6	Tram Tower #6. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000607-6	Tram Tower #7. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/3/05)
CL000608-6	Line Support Tower #1. Painted Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000609-6	Line Support Tower #2. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000610-6	Line Support Tower #3. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000611-6	Line Support Tower #4. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000612-6	Line Support Tower #5. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000613-6	Line Support Tower #6. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000614-6	Line Support Tower #7. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000615-6	Line Support Tower #8. Painted. Steel. Base anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000616-6	Line Support Tower #9. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000617-6	Line Support Tower #10. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (8/5/05)
CL000618-6	Line Support Tower #11. Painted. Steel. Anchored to concrete pad	NE Cape	BEESC	95% (7/27/05)
CL000619-6	2" dia. Galvanized water pipe. Anchored to concrete. Unpainted.	NE Cape	BEESC	95% (8/11/05)
CL000620-6	48" CMP. Vertical and horizontal w/valve and piping, electrical.	NE Cape	BEESC	95% (7/20/05)
CL000701-7	Drums containing gravel. Misc. debris.	NE Cape	BEESC	95% (7/27/05)
CL000702-7	Misc. debris removal from North facing slope.	NE Cape	BEESC	95% (8/18/05)
CL000703-7	Misc. debris removal from South facing slope.	NE Cape	BEESC	95% (8/18/05)
CL000704-7	Misc. debris removal. Marston matting, wood debris, tram bldg.	NE Cape	BEESC	95% (7/19/05)
CL000801-8	Welder. Near AFS Ops area at debris staging.	NE Cape	BEESC	95% (7/15/05)
CL000802-8	3 piles of debris(mostly Marston matting) and tracked loader. Cargo Beach near barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL000803-8	2 piles of mixed wood and steel debris and vehicle carcasses. Near AFS Ops area.	NE Cape	BEESC	95% (7/12/05)
CL000804-8	Scrap metal from tanks. Some painted. Some paint contains PCBs. Grp. 3 tanks need cleaning and disposal of water.	NE Cape	BEESC	95% (8/18/05)
CL000805-8	Blazer style vehicle. Near AFS Ops area and debris staging.	NE Cape	BEESC	95% (8/15/05)
CL000806-8	4 Cummins generators from former Bldg. 110. Near AFS Ops	NE Cape	BEESC	95% (7/16/05)
CL000807-8	Metal and wood debris on E. side of road embankment, Site 7 landfill area.	NE Cape	BEESC	95% (8/18/05)
CL000901-9	6ea-2" dia. Thermo-anchors, approx. 2000' NW of AFS Ops area	NE Cape	BEESC	95% (8/7/05)
CL000902-9	Two steel tanks, approx. 1500' north of AFS Ops area.	NE Cape	BEESC	95% (7/26/05)
CL000903-9	8ea wooden poles, 12-15' Long, ±12" dia.	NE Cape	BEESC	95% (7/11/05)
CL000904-9	3ea wooden poles, ±8' long, 12-15" dia. And terminal boxes.	NE Cape	BEESC	95% (7/11/05)
CL000905-9	±50ea 2" dia. Metal poles X 20' long. Poles spaced 100' apart. Extending from airstrip south to AFS Ops area.	NE Cape	BEESC	95% (8/7/05)
CL000906-9	Pole Line #5. 6ea wooden posts sticking 3-4' above grnd.	NE Cape	BEESC	95% (7/11/05)
CL000907-9	4ea wooden poles ±60' long, 22-24" dia., cut off ±5' above grnd.	NE Cape	BEESC	95% (7/13/05)
CL000908-9	Marston matting, 100yds NW of northern end of the airstrip.	NE Cape	BEESC	95% (7/23/05)
CL000909-9	Debris along exposed landfill face-Marston matting, pipe, cable. Exposed face over 300' long and 3-5' High. 500' north of AFS Ops.	NE Cape	BEESC	95% (7/13/05)
CL000910-9	One strand of 1 1/2" dia. Armored cable. Bldg. 98 west 1000'.	NE Cape	BEESC	95% (8/11/05)
CL000911-9	Eight strands of 1 1/2" armored cable. ±1000'ea in length. Electrical vault along Sewer Outfall utilidor, NE.	NE Cape	BEESC	95% (7/20/05)
CL000912-9	Tangled, damaged, kinked 1 1/2" armored cable. W of Bldg. 98	NE Cape	BEESC	95% (7/10/05)
CL000913-9	Galvanized steel antenna, 60' long. ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/14/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL000914-9	Galvanized steel antenna, 60' long, ±1300' SE of Site 24.	NE Cape	BEESC	95% (7/16/05)
CL000915-9	Concrete pedestals, 20" X 20", Remove and bury at AFS area	NE Cape	BEESC	100% (8/10/05)
CL001001-10	Concrete transformer pad. W of Bldg. 110 slab.	NE Cape	BEESC	95% (7/16/05)
CL001002-10	Concrete transformer pad. N end of Bldg. 110 slab.	NE Cape	BEESC	100% (7/5/05)
CL001003-10	Concrete transformer pad. S end of Bldg. 110 slab.	NE Cape	BEESC	95% (7/21/05)
CL001004-10	Concrete floor slab. S end of Bldg. 1001 MEC slab.	NE Cape	BEESC	95% (7/8/05)
CL001101-11	Final cleanup of previous debris removal areas. Wood, metal, transite siding, CAB. ACM longer than 1" and non-ACM longer than 3" to be removed. Metallic debris in tundra NW of AFS Ops.	NE Cape	BEESC	95% (8/20/05)
CL001102-11	Same as above. Along beach in vicinity of the barge ramp.	NE Cape	BEESC	95% (7/12/05)
CL001103-11	Same as above. E side of Cargo Beach embankment, E of Site 7 Landfill.	NE Cape	BEESC	95% (8/20/05)
CL001104-11	Same as above. In former AFS Ops area.	NE Cape	BEESC	95% (8/22/05)
CL001105-11	Same as above. In tundra Site 24.	NE Cape	BEESC	95% (8/20/05)
CL001106-11	Same as above. In tundra Site 25.	NE Cape	BEESC	95% (8/20/05)
CL001107-11	Same as above. In tundra Site31.	NE Cape	BEESC	95% (8/20/05)
CL001108-11	Same as above. In tundra Site 32.	NE Cape	BEESC	95% (8/20/05)
CL001109-11	Transport and dispose			
CL001201-12	Seed and fertilize in tundra NW of AFS Ops area	NE Cape	BEESC	100% (8/23/05)
CL001202-12	Seed and fertilize on beach near barge ramp	NE Cape	BEESC	100% (8/22/05)
CL001203-12	Seed and fertilize in tundra E of Site 7 Landfill	NE Cape	BEESC	100% (8/22/05)
CL001204-12	Seed and fertilize in former AFS Ops area	NE Cape	BEESC	100% (8/22/05)
CL001205-12	Seed and fertilize in tundra at Site 24	NE Cape	BEESC	100% (8/20/05)
CL001205-12	Seed and fertilize in tundra at Site 25	NE Cape	BEESC	100% (8/20/05)
CL001207-12	Seed and fertilize in tundra at Site 31	NE Cape	BEESC	100% (8/22/05)
CL001208-12	Seed and fertilize in tundra at Site 32	NE Cape	BEESC	100% (8/22/05)
CL001401-14	Excavate soil to 0.5' bgs. at Excavation 31A-1 Excavate soil to 1.5' bgs. at Excavation 31A-2 Excavate soil to 2.0' bgs. at Excavation 31A-3	NE Cape	BEESC	95% (7/20/05)
CL001402-14	Excavate soil to 0.5' bgs. at Excavation 31B	NE Cape	BEESC	95% (7/20/05)
CL001403-14	Excavate soil to 0.5' bgs. at Excavation 31C.	NE Cape	BEESC	95% (7/20/05)
CL001404-14	Excavate soil to 1.0' bgs. at Excavation 14A.	NE Cape	BEESC	95% (7/20/05)
CL001405-14	Excavate soil to 0.5' bgs. at Excavation 14B.	NE Cape	BEESC	95% (7/20/05)
CL001406-14	Excavate soil to 2.5' bgs. at Excavation 13A-1 Excavate soil to 1.5' bgs. at Excavation 13A-2	NE Cape	BEESC	95% (7/20/05)
CL001407-14	Excavate soil to 2.5' bgs. at Excavation 13B-1 Excavate soil to 1.5' bgs. at Excavation 13B-2	NE Cape	BEESC	95% (7/20/05)
CL001408-14	Excavate soil to 1.5' bgs. at Excavation 13C	NE Cape	BEESC	95% (7/20/05)
CL001409-14	Excavate soil to 0.5' bgs. at Excavation 13D	NE Cape	BEESC	95% (7/20/05)
CL001410-14	Excavate soil to 1.0' bgs. at Excavation 13E	NE Cape	BEESC	95% (7/20/05)
CL001411-14	Excavate soil to 2.5' bgs at Excavation 7A	NE Cape	BEESC	95% (7/20/05)
CL001412-14	Excavate soil to 1.0' bgs at Excavation 7B	NE Cape	BEESC	95% (7/20/05)
CL001413-14	Excavate soil to 1.5' bgs at Excavation 7C	NE Cape	BEESC	95% (7/20/05)
CL001414-14	Excavate soil to 2.0' bgs at Excavation 7D	NE Cape	BEESC	95% (7/20/05)
CL001415-14	Excavate soil to 1.0' bgs at Excavation 7E	NE Cape	BEESC	95% (7/20/05)

Reference (CLIN No.)	Activity	Location	Contractor/ Subcontractor	Complete/ % Complete
CL001416-14	Excavate soil to 1.0' bgs at Excavation 7F	NE Cape	BEESC	95% (7/20/05)
CL001417-14	Transport and Dispose of Soil	NE Cape	BEESC	
CL001501-15	Remove Additional PCB-Contaminated Soil	NE Cape	BEESC	95% (8/7/05)
CL001502-15	Transport and Dispose of Soil	NE Cape	BEESC	
CL001601-16	PCB-Contaminated Concrete, Building 109.	NE Cape	BEESC	95% (7/8/05)
CL001602-16	PCB-Contaminated Concrete, Building 108.	NE Cape	BEESC	95% (7/10/05)
CL001603-16	PCB-Contaminated concrete, Bldg. 1001 MEC, Rms A & G.	NE Cape	BEESC	95% (7/8/05)
CL001604-16	PCB-Contaminated concrete, CTP-3.	NE Cape	BEESC	95% (7/27/05)

APPENDIX B

Safety and Health Phase-out Report

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ACRONYMS AND ABBREVIATIONS

AHAs	Activity Hazard Analyses
BEESC	Bristol Environmental & Engineering Services Corporation
dBa	decibel, A-weighted
mph	miles per hour
NE Cape	Northeast Cape, St. Lawrence Island, Alaska
QAR	Quality Assurance Representative
SSHO	Site Safety and Health Officer
TWA	time-weighted average
USACE	U.S. Army Corps of Engineers, Alaska District

APPROVALS

By their signatures, the undersigned approve this Safety and Health Phase-out Report to meet the requirements of Specification Section 01351 – Safety, Health, and Emergency Response (hazardous, toxic, and radioactive waste/underground storage tank).



Steve Johnson, P.E.
Project Manager

September 6, 2006

Date



Clark Roberts, C.I.H.
Program Safety and Health Manager

September 6, 2006

Date

1.0 GENERAL

The safety and health management and communications system for Northeast Cape, St. Lawrence Island, Alaska, (NE Cape) was established immediately upon the arrival of Bristol Environmental & Engineering Services Corporation (BEESC) personnel on the island on June 25, 2005.

Regular and continual communication regarding safety issues was provided and maintained with the U.S. Army Corps of Engineers, Alaska District (USACE), Quality Assurance Representative (QAR) (Sam Mills); the BEESC Site Superintendent (Rollie Goebel); the Site Safety and Health Officer (SSHO) (Toby Peterson); Site Quality Control Officer (Hank Seipt); Program Safety and Health Manager (Clark Roberts); and the BEESC Project Manager (Steve Johnson).

In accordance with USACE requirements, a 4-hour Site Safety Orientation briefing was prepared and presented to all BEESC and subcontractor workers before the start of demolition, removal, and remediation operations on NE Cape. For subsequent visitors, government personnel, and specialty subcontractors, a written briefing was formulated and presented by the SSHO on an “as needed” basis for the duration of the project.

Initial safety and health program activities involved the establishment of a fire brigade, emergency exit routes, and vehicle/equipment inspection routines. Part of the daily safety routine involved the Daily Toolbox Safety Meeting held each morning before starting work. A toolbox meeting was held each day that project-related work was to be performed at the NE Cape site. Minimum safety gear for all personnel included hard hat, reflective vest, steel-toed boots, safety glasses, and work gloves. At a minimum, half face respirators fitted with organic vapor and particulate cartridges were required to be worn during concrete powder sampling along with the standard safety gear.

On a daily basis, the level of subcontractor involvement at NE Cape was high. BEESC and major subcontractor Kuukpik Arctic Catering closely coordinated operations in all areas. Key subcontractor involvement with all parties included complying with one Site Safety and Health Plan that covered all workers. All workers – including subcontractor workers – attended and often participated in the mandatory Daily Toolbox Safety Meetings. This

included subcontractor workers assigned to NE Cape for short, even overnight, durations, such as pilots, surveyors, and laborers.

A new Army Corps of Engineers (COE) requirement in 2005 was an All-Terrain Vehicle (ATV) training course. As a result BEESC had one employee trained to be an ATV Safety Institute certified instructor. BEESC then sent the newly certified instructor out to the Northeast Cape (NE Cape) to perform on site trainings as field personnel arrived on site. The instructor had a lecture session with a workbook and pamphlets handed out and a field course for on-site field-testing with instructor oversight. All BEESC field personnel passed the training and as a result had the ATV training as per COE requirements.

BEESC also required all field personnel to wear helmets, goggles, leather riding gloves and orange safety vests (all provided by BEESC) while riding BEESC ATVs.

1.1 SITE INSPECTIONS

The BEESC SSHO performed safety and health “walkthrough” inspections each day at the site. The purpose of these inspections was to keep abreast of current site activities and conditions, look for existing or potential site safety issues/concerns, ensure appropriate use of personal protective equipment (PPE), and to reinforce safe work practices. The daily safety inspections also provided topics/information that were incorporated into the Daily Toolbox Safety Meeting to keep the subject matter relevant to NE Cape conditions. In particular, issues such as high wind conditions, slippery step conditions, steep working surfaces, repel safety, and fire safety (because of the remote site location) were duly noted and presented at the toolbox meeting.

1.2 HAZARD ANALYSIS AND CONTROLS

In all, BEESC developed 10 Activity Hazard Analyses (AHAs) for specific tasks and operations at NE Cape. Because equipment maintenance can keep engineering control systems functioning as intended and prevent ordinarily nonhazardous equipment from becoming hazardous, equipment maintenance was factored into all AHAs. Task-specific AHAs were developed for:

Nonhazardous Debris Removal and Staging	Hot Work/Plasma Cutting	Barge Loading and Unloading Operations
Environmental Sampling	Antenna and Power Pole Removal	Rappel training and safety
Concrete Pad Testing and Removal	Polychlorinated Biphenyl Soil Removal	
Tram Tower Removal and Demolition	Cat Trail Improvement Operations	

At a minimum, each AHA identified the following:

- Activity Description
- Physical and Equipment Hazards Associated with the Activity,
- Chemical and Biological Hazards Associated with the Activity,
- Planned Hazard Controls for the Activity,
- Necessary Equipment to Perform the Activity,
- Equipment Inspection Requirements for the Activity,
- Job Site Inspection Requirements for the Activity, and
- Personnel Training Required to Perform the Activity.

1.3 WORKER EXPOSURE MONITORING

Noise exposure determinations were performed on equipment operators and laborers. Noise sound level and noise dosimetry studies were performed during a variety of site activities. Sound level measurements were obtained to provide initial characterizations of sound noise level emissions from machinery and/or other field operations. Noise dosimetry measurements provided a time-weighted average (TWA) determination of sound level exposure for workers. TWA exposure levels ranged from 77 to 84 decibels (dB(A)), without factoring in hearing protection. When one-half of the effective noise reduction rating of hearing protection was factored into an estimate of employee exposure, the effective exposure level was further reduced to 64 to 71 dBA.

Noise dose measured on NE Cape did not exceed the permissible exposure limits and indicated that PPE used for noise exposure control was sufficient.

Results indicated that the hearing protective equipment provided to workers provided noise reduction levels that fell well within acceptable levels identified by the USACE. However, as

standard practice, all BEESC employees with potential exposure to noise created by heavy equipment and field activities are automatically included in the BEESC hearing conservation program.

After any kind of exposure monitoring was performed, the monitoring results were posted in the main meeting area for personnel to review. Monitoring results were also discussed and explained, as appropriate, during Daily Toolbox Safety Meetings.

1.4 ACCIDENT INVESTIGATION AND REPORTING

BEESC performed over 8,500 man-hours of fieldwork during this project without a lost-time or Occupational Safety and Health Administration-recordable accident.

During work on site, two first aid cases were treated and logged by the physician's assistant. One involved a worker cutting a toenail too short during non-work hours, and the other was a worker getting dust in his eye. The toenail incident was treated on site by the physician's assistant, and the worker returned to quarters with no lost time. The physician's assistant used eye wash to remove the dust particle, and the worker returned to working duties.

1.4.1 Special Precautions and Lessons Learned

Excavators, front-end loaders, haul trucks, graders, and other heavy equipment were used on this project to construct and repair roads, grade work areas, and remove debris. There was potential for workers to be struck by these vehicles or to be injured by contact with exposed mechanical parts (i.e., gears and pulleys). In addition, there was a risk of vehicle accidents and of fire during refueling. To control these hazards, regulated work areas were established around each job site, and safe distances were maintained between workers and mechanical equipment. Mobile equipment was equipped with backup alarms, and spotters were used to direct equipment operators, particularly when dumping soil and rock, operating cranes, and loading haul trucks. In addition, all exposed gears and pulleys on mechanical equipment were guarded to eliminate pinch and grab hazards. Vehicles were equipped with fire extinguishers, and spill-control equipment was available during refueling operations in case of a fuel, hydraulic fluid, or lubricant release.

High winds at NE Cape increased the airborne hazards encountered during work activities. Airborne hazards included dust and large flying debris/objects. The weather equipment described in Section 1.4.2 was essential in allowing the appropriate field personnel decide if working conditions were too hazardous.

1.4.2 Safety and Health Program Innovation

Hazards associated with debris removal from Debris Field #1 included slopes in excess of 100 percent. The slopes were very unstable and generally consisted of large boulders and some rock faces. To accomplish the debris field clean-up, BEESC used a specially trained rappel crew and provided all of the rappel gear (climbing rope with a 5,000 lb failure rating, karabiners, and, harnesses) along with applicable safety equipment (hard hats, knee and shin guards, leather gloves, safety glasses, and reflective construction vests).

The rappel rope was attached to the top of a Caterpillar D-8 bulldozer, which provided enough height to keep the rappel/belay rope from coming in contact with uphill debris and rocks. During the entire process two people were always attending the belay line, while the safety officer was present from start to end.

The BEESC rappel crews removed approximately 8 tons of debris in a total of 3 days. The crew performed the clean up of Debris Field #1 in a safe, efficient, and timely manner with no lost time incidents.

A tram line approximately 5,000 feet long was constructed at the facility in the 1950s to move personnel and material between the lower elevations and an Aircraft Control and Warning Station (AC&WS) located on a ridge at 1,820 feet above sea level. Seven steel tram towers supported the tramline approximately 25 feet high. Eleven smaller steel towers along the tramline supported power and communication lines serving the former AC&WS. Some of the towers slated for demolition were at the top of the ridge approximately 1,800 feet above sea level. Grades along the tram line alignment exceeded 100% in places. In order to avoid operating heavy equipment on these steep slopes and to keep workers out of harm's way, BEESC developed a method to remove all of the towers and cables using equipment located at the base of the hill. BEESC field crews on foot climbed to each tower and clamped each of the 1-inch diameter tram cables to the top of each tram tower. They also secured the former

power and communications cables to the tram towers using cable clamps. They then cut deep notches into the steel of each tram and power tower base immediately above their respective foundation pedestals. After all of the tram and power towers had been notched, two D-8 bulldozers equipped with winches began pulling on the tram cables at the bottom of the mountain. All of the towers and cable were then pulled down the mountain in one continuous pull.

NE Cape is frequently subject to high winds [60+ miles per hour (mph)], rapid temperature changes with rain or snow and poor visibility. These shifting conditions constantly impact essential elements of project work, such as air support and communications. To counter these factors, BEESC provided an Oregon Scientific electronic weather station, which was permanently attached to the NE Cape field camp. The weather station measured temperature, wind speed, wind chill, barometric pressure, humidity, and other weather parameters.

Since communications were constantly interrupted by weather, the station was used extensively to determine up-to-the-minute weather conditions to support flight operations.

BEESC also had two portable digital wind speed meters. The two meters were often used to determine wind speeds at specific job sites. The NE Cape weather instruments helped the BEESC field crew determine if weather conditions were safe. During the 2005 NE Cape field season two days of field activities were cancelled and various other times were delayed due to winds in excess of 50 mph.

Integrated Project Planning involving representatives from engineering, quality assurance, site operations, maintenance, safety and health, and environmental protection resulted in the reduction and, in some cases, elimination of potential hazards posed to workers in the field before the project started. For example, advance planning and safety innovation resulted in:

Fall Protection – This eliminated many potential hazards associated with this activity, such as slips, trips, and falls associated with steep terrain and waste containers;

Weather Station and Wind Meters – The weather station and wind meters were used to evaluate working conditions for field workers. If winds were in excess of 50 mph field activities were shut down until conditions improved. Monitoring winds also prevented cold

stress working conditions as rain often accompanied high winds at NE Cape and provided less exposure to airborne debris. Lost time was recovered on the scheduled days off.

ATV training – Provided safe driving practices and techniques to both in-experienced and experienced riders alike. Provided standard guidelines for operating ATV's for both job related and recreational use of on-site ATV's.

Completely Trained Local Hire Workforce – BEESC coordinated with local hires in Gambell and Savoonga to ensure that workers received appropriate HazWOPER training and required medical exams prior to starting operations;

Minimal Hot Work – This eliminated many potential hazards associated with this activity, such as fires, burns, and airborne lead and metals exposure;

Camp fire inspections and fire drills – An initial fire and other hazards inspection was followed with weekly fire and hazards inspections jointly and cooperatively produced by the SSHO, and the QAR. Suspect conditions and updates proffered during the next Tailgate Safety Meeting for all crew.

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APPENDIX C

Transportation, Disposal, and Closure Report

TABLE OF CONTENTS

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TABLE

Table 1	Waste Disposal Summary	1
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ATTACHMENTS

- Attachment 1 Waste Photographs
- Attachment 2 Waste Tracking Log and Shipment Packages
- Attachment 3 Exception Report

ACRONYMS AND ABBREVIATIONS

NE Cape	Northeast Cape
BEESC	Bristol Environmental & Engineering Services Corporation
EPA	Environmental Protection Agency
PCB	polychlorinated biphenyl
USACE	U.S. Army Corps of Engineers, Alaska District

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1 1.0 TRANSPORTATION AND DISPOSAL SUMMARY

2 Bristol Environmental & Engineering Services Corporation (BEESC) handled, transported,
 3 and disposed of approximately 1,171 tons of waste on this project. The types of waste,
 4 quantity, disposal or treatment facility, and type of disposal or treatment are shown in Table 1.
 5 This report presents the hazardous and non-hazardous waste manifests, Canadian forms,
 6 asbestos waste shipment report forms, bills of lading, certificates of weight, and certificates of
 7 disposal for these wastes. Waste photographs are included in Attachment 1. A waste tracking
 8 log listing all wastes, container numbers, weights, manifest and profile numbers, and dates for
 9 shipping and receiving is included in Attachment 2.

10 **Table 1 Waste Disposal Summary**

Waste Type	Final Treatment/Disposal	Disposal Facility	Approximate Disposal Quantity
ACM transite siding and rubber tarp	Disposed of in Subtitle D Landfill	Columbia Ridge Recycling and Landfill, Arlington, Oregon	1.4 tons
Steel boiler with asbestos gasket and brick	Disposed of in Subtitle D Landfill	Columbia Ridge Recycling and Landfill, Arlington, Oregon	8.2 tons
PCB-contaminated Concrete	Disposed of in Subtitle D Landfill	Columbia Ridge Recycling and Landfill, Arlington, Oregon	162.7 tons
PCB-contaminated soil (less than 50 ppm)	Disposed of in Subtitle D Landfill	Columbia Ridge Recycling and Landfill, Arlington, Oregon	277 tons
PCB-contaminated soil (greater than 50 ppm)	Disposed of in Subtitle C Landfill	Chemical Waste Management of the NW, Arlington, Oregon	16.5 tons
Lead Ash	Disposed of in Subtitle C Landfill	Chemical Waste Management of the NW, Arlington, Oregon	18.5 tons
Tank scrap metal with PCB paint	Disposed of in Subtitle D Landfill	Columbia Ridge Recycling and Landfill, Arlington, Oregon	16.5 tons
Scrap metal	Recycled	Bloch Steel, Seattle Washington	657 tons

11 Notes:
 ACM = asbestos-containing material ppm = parts per million
 PCB = polychlorinated biphenyl

1 **1.1 WASTE SHIPMENT PACKAGES**

2 Wastes were shipped from the Northeast Cape White Alice Site (NE Cape) to the various
3 treatment, disposal, and recycling facilities in 94 containers. The wastes were shipped in two
4 separate shipments, Shipments 01 and 02. Shipment 1 was loaded on August 2 through 4,
5 2005 and contained 49 containers (11 of PCB-concrete, 12 of PCB-soil, and 26 of scrap
6 metal). Shipment 2 was loaded on September 27, 2005 and contained 45 containers (7 of
7 PCB-soil, 6 of poles/ash/asbestos, and 32 of scrap metal).

8 Each shipment package included in Attachment 2 includes the following forms where
9 applicable:

- 10 • Canadian Manifest and Transit Form,
- 11 • United States Uniform Hazardous Waste Manifest,
- 12 • Non-hazardous Waste Manifest,
- 13 • Asbestos Waste Shipment Report Form,
- 14 • Certificates of Weight,
- 15 • Bill of Lading,
- 16 • Certificate of Destruction, and
- 17 • Scrap Steel Recycle Ticket.

1 **2.0 EXCEPTION REPORT**

2 Polychlorinated biphenyl (PCB) wastes (Manifest NE034) and lead ash wastes (Manifest
3 NE036) were shipped from NE Cape on September 27, 2005 and did not arrive at the disposal
4 facility within the allotted 45 days. An exception report was filed with U.S. Environmental
5 Protection Agency (EPA) Region X indicating the status of these wastes.

6 BEESC prepared the exception report for submittal to the U.S. Army Corps of Engineers,
7 Alaska District (USACE), who in turn submitted the report to EPA Region X. A copy of the
8 form prepared by BEESC is in Attachment 3. All wastes arrived at the disposal facility and
9 no further action was required.

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1 **3.0 DISCREPANCY REPORTS**

- 2 Discrepancies were noted on two Uniform Hazardous Waste Manifests, numbered NE034 and
- 3 NE036. On Manifest NE034, waste number X002 (state waste code for PCBs) was added to
- 4 item 1a. Item 13a was corrected to list the weight and units in kilograms instead of pounds.
- 5 On Manifest NE036, the weight in pounds was added to item 13a.
- 6 No other discrepancies were noted on the manifests.

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ATTACHMENT 1

Waste Photographs



1. PCB-contaminated soil in double-lined Baker box. BEESC photograph.



2. PCB-contaminated concrete being placed in double-lined Baker box. BEESC photograph.



3. Scrap metal in Conex trailer. BEESC photograph.



4. Scrap metal (cable) in Conex trailer. BEESC photograph.



5. Scrap metal being placed in Conex trailer. BEESC photograph.



6. Steel boiler with asbestos gasket and asbestos bricks in Conex trailer. BEESC photograph.



7. Tank with PCB-bearing paint (larger tank, rusted with silver PCB-paint). BEESC photograph.



8. Rubber tarp and creosote wood poles for disposal. BEESC photograph.



9. Lead ash being removed from burn pit and placed in Conex trailer.
BEESC photograph.



10. Baker boxes placarded and ready for transport. BEESC
photograph.

ATTACHMENT 2

Waste Tracking Log Shipment Packages

- Manifest Packages
 - Asbestos Waste Shipment Report Forms
 - Certificates of Weight
 - Certificates of Disposal
- Canadian Forms
- Bill of Lading
 - Scrap Metal Tickets

2005 Waste Tracking Summary Spreadsheet

Waste Package No.	Waste Name	Waste Package Contents	Waste Package Type	Waste Package ID Code	Weight Ticket #	Waste Site	Waste Package Gross Weight (lb)	Waste Package Tare Weight (lb)	Waste Package Net Weight (lb)	Waste Package Gross Weight (kg)	Waste Package Tare Weight (kg)	Waste Package Net Weight (kg)	Waste Profile No.	Manifest/Bill Lading No.	Date Out	Arrived Seattle	FDL Destination	Treatment Category	Date Received at FDL	Receipt of Return Manifest from TDS	Receipt of Certificate of Disposal	Notes
WASTE SHIPMENT 1A			Loaded 8/2/05																			
	CONCRETE																					
1	PCB Concrete Debris	Concrete	Baker Box	PNWS 8028	2298	Bldg. 1001	39,320	8,860	30,460	17,873	3,852	14,021	2321VC	NE001	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/13/2005	10/18/2005	10/18/2005	
2	PCB Concrete Debris	Concrete	Baker Box	PNWS 8077	2299	Bldg. 1001	39,400	7,580	31,820	17,909	3,296	14,613	2321VC	NE002	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/13/2005	10/18/2005	10/18/2005	
3	PCB Concrete Debris	Concrete	Baker Box	PNWS 8005	2289	Bldg. 1001	38,020	7,220	30,800	17,282	3,139	14,143	2321VC	NE003	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/15/2005	10/18/2005	10/18/2005	
4	PCB Concrete Debris	Concrete	Baker Box	PNWS 8006	2297	Bldg. 1001/109	37,800	5,040	32,760	17,182	2,191	14,991	2321VC	NE004	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/15/2005	10/18/2005	10/18/2005	
5	PCB Concrete Debris	Concrete	Baker Box	PNWS 8141	2301	Bldg. 108/109	36,800	5,740	31,060	16,727	2,496	14,232	2321VC	NE008	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/15/2005	10/18/2005	10/18/2005	
6	PCB Concrete Debris	Concrete	Baker Box	PNWS 8084	2321	Bldg. 1001	35,520	8,480	27,040	16,145	3,687	12,458	2321VC	NE010	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/13/2005	10/18/2005	10/18/2005	
7	PCB Concrete Debris	Concrete	Baker Box	PNWS 8093	2351	CTP-3	23,720	7,960	15,760	10,782	3,461	7,321	2321VC	NE011	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/13/2005	10/18/2005	10/18/2005	
	SOIL																					
8	PCB Dirt	Soil	Baker Box	PNWS 8127	2307	Site 31	39,640	5,500	34,140	18,018	2,391	15,627	2320VC	NE012	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/13/2005	10/18/2005	10/18/2005	
9	PCB Dirt	Soil	Baker Box	PNWS 8121	2308	Site 31	41,380	7,220	34,160	18,809	3,139	15,670	2320VC	NE013	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/13/2005	10/18/2005	10/18/2005	
10	PCB Dirt	Soil	Baker Box	PNWS 8105	2310	AFS Ops. Bldg. 110	37,920	7,760	30,160	17,236	3,374	13,862	2320VC	NE014	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/13/2005	10/18/2005	10/18/2005	
11	PCB Dirt	Soil	Baker Box	PNWS 8130	2328	AFS Ops Bldg. 110/Site 7	41,540	8,160	33,380	18,882	3,548	15,334	2320VC	NE018	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/13/2005	10/18/2005	10/18/2005	
12	PCB Dirt	Soil	Baker Box	PNWS 8081	2313	AFS Ops Bldg. 98	39,800	6,140	33,660	18,091	2,670	15,421	2320VC	NE019	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/15/2005	10/18/2005	10/18/2005	
13	PCB Dirt	Soil	Baker Box	PNWS 8120	2324	AFS Ops Bldg. 110/Site 7	30,840	8,560	22,280	14,018	3,722	10,296	2320VC	NE021	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/15/2005	10/18/2005	10/18/2005	
14	PCB Dirt	Soil	Baker Box	PNWS 8024	2404	Site 31	36,080	5,580	30,500	16,400	2,426	13,974	2320VC	NE022	8/2/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/15/2005	10/18/2005	10/18/2005	
	SCRAP METAL																					
15	Gen Set	Metal	Connex	HJCU 854413	2304	Clin 806	32,120	5,030	27,090	14,600	2,187	12,413	NA	202884	8/2/2005	9/12/2005	Bloch Steel	Recycle	9/14/2005	NA	9/30/2005	
16	Gen Set	Metal	Connex	873069	2305	Clin 806	32,680	5,160	27,520	14,855	2,243	12,611	NA	202884	8/2/2005	9/12/2005	Bloch Steel	Recycle	9/20/2005	NA	9/30/2005	
17	Wire	Metal	Connex	TTNU 215279	2327	Clin 911	30,200	4920	25,280	13,727	2,139	11,588	NA	202883	8/2/2005	9/12/2005	Bloch Steel	Recycle	9/16/2005	NA	9/30/2005	

2005 Waste Tracking Summary Spreadsheet

Waste Package No.	Waste Name	Waste Package Contents	Waste Package Type	Waste Package ID Code	Weight Ticket #	Waste Site	Waste Package Gross Weight (lb)	Waste Package Tare Weight (lb)	Waste Package Net Weight (lb)	Waste Package Gross Weight (kg)	Waste Package Tare Weight (kg)	Waste Package Net Weight (kg)	Waste Profile No.	Manifest/Bill Lading No.	Date Out	Arrived Seattle	FDL Destination	Treatment Category	Date Received at FDL	Receipt of Manifest from TDS	Receipt of Certificate of Disposal	Notes
36	PCB Dirt	Soil	Baker Box	PNWS 8064	2311	AFS Ops. Bldg. 110	40,180	7,700	32,480	18,264	3,348	14,916	2320VC	NE015	8/4/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/15/2005	10/18/2005	10/18/2005	
37	PCB Dirt	Soil	Baker Box	PNWS 8041	2401	AFS Ops. Bldg. 110	39,800	5,480	34,320	18,091	2,383	15,708	2320VC	NE016	8/4/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/15/2005	10/18/2005	10/18/2005	
38	PCB Dirt	Soil	Baker Box	PNWS 8042	2402	AFS Ops. Bldg. 110	38,120	7,900	30,220	17,327	3,435	13,892	2320VC	NE017	8/4/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/15/2005	10/18/2005	10/18/2005	
39	PCB Dirt	Soil	Baker Box	PNWS 8131	2314	AFS Ops. Bldg. 110	38,980	5,400	33,580	17,718	2,348	15,370	2320VC	NE020	8/4/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/15/2005	10/18/2005	10/18/2005	
40	PCB Dirt	Soil	Baker Box	PNWS 8071	2405	Site 31	38,200	5,040	33,160	17,364	2,191	15,172	2320VC	NE023	8/4/2005	9/12/2005	Columbia Ridge Landfill	Subtitle D Landfill	9/16/2005	10/18/2005	10/18/2005	
SCRAP METAL																						
41	D-8 Cat	Metal	Flat Bed	DORV 567553	2306	Clin 804	35,980	4,299	31,681	16,355	1,869	14,485	NA	202885	8/4/2005	9/12/2005	Bloch Steel	Recycle	11/1/2005	NA	11/14/2005	
42	Tank Steel	Metal	Connex	NSIU 299233	2309	Clin 804	29,280	5,030	24,250	13,309	2,187	11,122	NA	202885	8/4/2005	9/12/2005	Bloch Steel	Recycle	9/23/2005	NA	9/30/2005	
43	Tank Steel	Metal	Connex	CAK 1106	2320	Clin 804	27,760	5,290	22,470	12,618	2,300	10,318	NA	202885	8/4/2005	9/12/2005	Bloch Steel	Recycle	9/22/2005	NA	9/30/2005	
44	Scrap Metal	Metal	Connex	CAXU 618714	2323	Clin 804	26,460	4850	21,610	12,027	2,109	9,919	NA	202885	8/4/2005	9/12/2005	Bloch Steel	Recycle	9/21/2005	NA	9/30/2005	
45	Scrap Metal	Metal	Connex	HJCU 858333	2336	Clin 804	24,800	5160	19,640	11,273	2,243	9,029	NA	202885	8/4/2005	9/12/2005	Bloch Steel	Recycle	9/22/2005	NA	9/30/2005	
46	Scrap Metal	Metal	Connex	EISU 303047	2337	Clin 804	30,680	5115	25,565	13,945	2,224	11,722	NA	202885	8/4/2005	9/12/2005	Bloch Steel	Recycle	9/22/2005	NA	9/30/2005	
47	Scrap Metal	Metal	Connex	CYLU 215699	2357	Clin 804	25,840	5,070	20,770	11,745	2,204	9,541	NA	202885	8/4/2005	9/12/2005	Bloch Steel	Recycle	9/26/2005	NA	9/30/2005	
48	Scrap Metal	Metal	Connex	EISU 307849	2356	Clin 601 to 607	30,240	5,115	25,125	13,745	2,224	11,522	NA	202885	8/4/2005	9/12/2005	Bloch Steel	Recycle	9/23/2005	NA	9/30/2005	
49	Scrap Metal	Metal	Connex	2787	2355	Clin 601 to 607	45,840	5,137	40,703	20,836	2,233	18,603	NA	202885	8/4/2005	9/12/2005	Bloch Steel	Recycle	9/26/2005	NA	9/30/2005	
WASTE SHIPMENT 2			Loaded 9/27/05																			
SOIL																						
50	PCB Dirt	Soil	Baker Box	PNWS 8147	2389	Clin 15	35,580	7,580	28,000	16,173	3,296	12,877	2320VC	NE028	9/27/2005	11/10/2006	Columbia Ridge Landfill	Subtitle D Landfill	1/19/2006	1/30/2006	1/30/2006	
51	PCB Dirt	Soil	Baker Box	PNWS 8036	2390	Clin 15	30,020	7,580	22,440	13,645	3,296	10,350	2320VC	NE029	9/27/2005	11/10/2006	Columbia Ridge Landfill	Subtitle D Landfill	1/19/2006	2/8/2006	2/8/2006	
52	PCB Dirt	Soil	Connex	KSCU 216275	2394	Clin 15	38,820	5,160	33,660	17,645	2,243	15,402	2320VC	NE030	9/27/2005	11/10/2006	Columbia Ridge Landfill	Subtitle D Landfill	1/19/2006	2/8/2006	2/8/2006	
53	PCB Dirt	Soil	Connex	TRIU 274798	2391	Clin 15	34,140	4,960	29,180	15,518	2,157	13,362	2320VC	NE031	9/27/2005	11/10/2006	Columbia Ridge Landfill	Subtitle D Landfill	1/19/2006	1/30/2006	1/30/2006	

2005 Waste Tracking Summary Spreadsheet

Waste Package No.	Waste Name	Waste Package Contents	Waste Package Type	Waste Package ID Code	Weight Ticket #	Waste Site	Waste Package Gross Weight (lb)	Waste Package Tare Weight (lb)	Waste Package Net Weight (lb)	Waste Package Gross Weight (kg)	Waste Package Tare Weight (kg)	Waste Package Net Weight (kg)	Waste Profile No.	Manifest/Bill Lading No.	Date Out	Arrived Seattle	FDL Destination	Treatment Category	Date Received at FDL	Receipt of Return Manifest from TDS	Receipt of Certificate of Disposal	Notes
54	PCB Dirt	Soil	Connex	335313	2392	Clin 15	43,140	5,115	38,025	19,609	2,224	17,385	2320VC	NE032	9/27/2005	11/10/2006	Columbia Ridge Landfill	Subtitle D Landfill	1/17/2006	1/30/2006	1/30/2006	
55	PCB Dirt	Soil	Connex	339465	2395	Clin 15	24,880	5,115	19,765	11,309	2,224	9,085	2320VC	NE033	9/27/2005	11/10/2006	Columbia Ridge Landfill	Subtitle D Landfill	1/17/2006	1/30/2006	1/30/2006	
56	PCB Dirt & Tank Scrap	>50 ppm PCB Soil	Baker Box	PNWS 8055	2362	Bldg. 110 & 1110	40,560	7,580	32,980	18,436	3,296	15,141	2319VC	NE034	9/27/2005	11/10/2006	Chemical Waste Management	Subtitle C Landfill	2/13/2006	2/13/2006	2/22/2006	PCB painted tank scrap and soil toge
	OTHER WASTE																					
57	Creosote Poles	Wood Poles	Connex	EMCU 279676	2409	varies	23,080	5,115	17,965	10,491	2,224	8,267	2369VC	NE026	9/27/2005	11/10/2006	Columbia Ridge Landfill	Subtitle D Landfill	1/17/2006	1/30/2006	1/30/2006	
58	Creosote Poles	Wood Poles	Connex	SAMU 216086	2411	varies	12,720	4,940	7,780	5,782	2,148	3,634	2369VC	NE027	9/27/2005	11/10/2006	Columbia Ridge Landfill	Subtitle D Landfill	1/17/2006	2/8/2006	2/8/2006	
59	ACM Transite/Rubber Tarp	Transite/rubber	Connex	NSIU 299170	2410	varies	7,880	5,030	2,850	3,582	2,187	1,395	2320VC	NE025	9/27/2005	11/10/2006	Columbia Ridge Landfill	Subtitle D Landfill	2/1/2006	2/27/2006	2/27/2006	
60	Asbestos	Steel boiler/ACM gasket	Connex	C 422	2325	Clin 804	21,540	5,080	16,460	9,791	2,209	7,582	2369VC	NE024	9/27/2005	11/10/2006	Columbia Ridge Landfill	Subtitle D Landfill	2/1/2006	2/27/2006	2/27/2006	
61	Lead Ash	Ash	Baker Box	PNWS 8073	2362	Burn Pit	44,620	7,580	37,040	20,282	3,296	16,986	C19799	NE036	9/27/2005	11/10/2006	Chemical Waste Management	Subtitle C Landfill	1/18/2006	2/8/2006	2/8/2006	
62	Petroleum	Used Motor Oil	Drum	NA	NA	Site 7 Landfill	NA	NA	NA	NA	NA	NA	AK02907-B	04007	9/27/2005	NA	Emerald Alaska, Inc.	Recycle or Incinerate	1/12/2006	2/9/2006	2/2/9/06	1 - 55-gallon drum
	SCRAP METAL																					
63	Scrap metal	Wire Rope/Cable	Connex	SEAU 214398	2370	Clin 5	39,820	4,960	34,860	18,100	2,157	15,943	NA	202881	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/5/2005	NA	12/31/2005	
64	Scrap metal	Wire Rope/Cable	Connex	HJCU 857630	2368	Clin 5	40,420	5,160	35,260	18,373	2,243	16,129	NA	202882	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/21/2005	NA	12/31/2005	
65	Scrap metal	Marsten Mat/Misc	Connex	278109	2365	varies	27,500	5,115	22,385	12,500	2,224	10,276	NA	202880	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/15/2005	NA	12/31/2005	
66	Scrap metal	Marsten Mat/Misc	Connex	MLCU 295443	2363	varies	17,180	4,810	12,370	7,809	2,091	5,718	NA	202881	9/27/2005	11/10/2005	Bloch Steel	Recycle	11/28/2005	NA	12/31/2005	
67	Scrap metal	Tank Steel	Connex	CAK 1052	2366	Clin 804	25,940	5,028	20,912	11,791	2,186	9,605	NA	202881	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/14/2005	NA	12/31/2005	
68	Scrap metal	Tank Steel	Connex	NYKU 224122	2364	Clin 804	27,220	5,135	22,085	12,373	2,233	10,140	NA	202881	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/20/2005	NA	12/31/2005	
69	Scrap metal	Tank Steel	Connex	SAMU 214034	2369	Clin 804	21,520	4,850	16,670	9,782	2,109	7,673	NA	202880	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/28/2005	NA	12/31/2005	
70	Scrap metal	Scrap Metal	Connex	TPHU 668016	2360	varies	24,040	5,140	18,900	10,927	2,235	8,692	NA	202880	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/2/2005	NA	12/31/2005	
71	Scrap metal	Rubber Coat Wire	Connex	TEXU 207126	2359	Clin 5	33,080	4,870	28,210	15,036	2,117	12,919	NA	202881	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/21/2005	NA	12/31/2005	

2005 Waste Tracking Summary Spreadsheet

Waste Package No.	Waste Name	Waste Package Contents	Waste Package Type	Waste Package ID Code	Weight Ticket #	Waste Site	Waste Package Gross Weight (lb)	Waste Package Tare Weight (lb)	Waste Package Net Weight (lb)	Waste Package Gross Weight (kg)	Waste Package Tare Weight (kg)	Waste Package Net Weight (kg)	Waste Profile No.	Manifest/Bill Lading No.	Date Out	Arrived Seattle	FDI Destination	Treatment Category	Date Received at FDI	Receipt of Return Manifest from TDS	Receipt of Certificate of Disposal	Notes
72	Scrap metal	Scrap Metal	Connex	KSCU 216418	2361	varies	24,700	5,160	19,540	11,227	2,243	8,984	NA	202880	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/15/2005	NA	12/31/2005	
73	Scrap metal	Tank Steel	Connex	BABL 0847	2375	Clin 804	21,060	4,980	16,080	9,573	2,165	7,408	NA	202880	9/27/2005	11/10/2005	Bloch Steel	Recycle	11/29/2005	NA	12/31/2005	
74	Scrap metal	Tank Steel	Connex	2304	2372	Clin 804	24,320	5,140	19,180	11,055	2,235	8,820	NA	202880	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/13/2005	NA	12/31/2005	
75	Scrap metal	Tank Steel	Connex	852299	2373	Clin 804	22,980	5,160	17,820	10,445	2,243	8,202	NA	202880	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/28/2005	NA	12/31/2005	
76	Scrap metal	Armor Wire	Connex	200294	2374	Clin 5	54,040	5,070	48,970	24,564	2,204	22,359	NA	202882	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/28/2005	NA	12/31/2005	
77	Scrap metal	Comm. Wire	Connex	CAK 1235	2371	Clin 5	30,560	4,960	25,600	13,891	2,157	11,734	NA	202881	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/13/2005	NA	12/31/2005	
78	Scrap metal	Scrap Metal	Connex	CYLU 215135	2376	Clin 807	26,540	5,070	21,470	12,064	2,204	9,859	NA	202880	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/14/2005	NA	12/31/2005	
79	Scrap metal	Tank Steel/Pipe	Connex	1666	2377	Clin 804 & 619	30,100	5,300	24,800	13,682	2,304	11,377	NA	202881	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/21/2005	NA	12/31/2005	
80	Scrap metal	Scrap Metal	Connex	CYLU 215370	2378	Clin 807	23,720	5,070	18,650	10,782	2,204	8,577	NA	202881	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/14/2005	NA	12/31/2005	
81	Scrap metal	Tank Steel	Connex	CYLU 218579	2379	Clin 804	19,220	5,070	14,150	8,736	2,204	6,532	NA	202881	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/14/2005	NA	12/31/2005	
82	Scrap metal	Tank Steel	Connex	C-276	2380	Clin 804	18,060	4,980	13,080	8,209	2,165	6,044	NA	202880	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/2/2005	NA	12/31/2005	
83	Scrap metal	Tank Steel	Connex	C-319	2381	Clin 804	32,520	4,980	27,540	14,782	2,165	12,617	NA	202881	9/27/2005	11/10/2005	Bloch Steel	Recycle	11/28/2005	NA	12/31/2005	
84	Scrap metal	Tank Steel	Connex	ICSU 449614	2383	Clin 804	22,720	5,070	17,650	10,327	2,204	8,123	NA	202880	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/13/2005	NA	12/31/2005	
85	Scrap metal	Scrap Metal	Connex	3014	2384	Clin 807	34,140	5,140	29,000	15,518	2,235	13,283	NA	202881	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/20/2005	NA	12/31/2005	
86	Scrap metal	Scrap Metal	Connex	CAK 1010	2385	Clin 807	22,020	4,890	17,130	10,009	2,126	7,883	NA	202880	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/20/2005	NA	12/31/2005	
87	Scrap metal	Scrap Metal	Connex	857299	2387	Clin 807	30,400	5,050	25,350	13,818	2,196	11,623	NA	202882	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/21/2005	NA	12/31/2005	
88	Scrap metal	Scrap Metal	Connex	HJCU 850040	2388	Clin 807	28,580	5,160	23,420	12,991	2,243	10,747	NA	202882	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/28/2005	NA	12/31/2005	
89	Scrap metal	Scrap Metal	Connex	321320	2397	varies	32,100	5,115	26,985	14,591	2,224	12,367	NA	202881	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/21/2005	NA	12/31/2005	
90	Scrap metal	Scrap Metal	Connex	321959	2396	varies	28,200	5,115	23,085	12,818	2,224	10,594	NA	202881	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/20/2005	NA	12/31/2005	
91	Scrap metal	Scrap Metal	Connex	JORE 284726	2407	varies	15,720	4,980	10,740	7,145	2,165	4,980	NA	202880	9/27/2005	11/10/2005	Bloch Steel	Recycle	12/29/2005	NA	12/31/2005	
92	Scrap metal	Scrap Metal	Connex	C 685	2399	Clin 909	15,260	4,980	10,280	6,936	2,165	4,771	NA	202880	9/27/2005	11/10/2005	Bloch Steel	Recycle	11/30/2005	NA	12/31/2005	

2005 Waste Tracking Summary Spreadsheet

Waste Package No.	Waste Name	Waste Package Contents	Waste Package Type	Waste Package ID Code	Weight Ticket #	Waste Site	Waste Package Gross Weight (lb)	Waste Package Tare Weight (lb)	Waste Package Net Weight (lb)	Waste Package Gross Weight (kg)	Waste Package Tare Weight (kg)	Waste Package Net Weight (kg)	Waste Profile No.	Manifest/Bill Lading No.	Date Out	Arrived Seattle	FDI Destination	Treatment Category	Date Received at FDI	Receipt of Return Manifest from TDS	Receipt of Certificate of Disposal	Notes
93	Scrap metal	Scrap Metal	Connex	NSIU 263328	2398	varies	28,040	4,960	23,080	12,745	2,157	10,589	NA	202882	9/27/2005	11/10/2005	Bloch Steel	Recycle	11/30/2005	NA	12/31/2005	
94	Scrap Metal	Large Boiler	Connex	NSIU 202080		varies	24,020	5,160	18,860	10,918	2,243	8,675	NA	202882	9/27/2005	11/10/2005	Bloch Steel	Recycle	21/1/2005	NA	12/31/2005	



Northland Services

MARINE TRANSPORTATION

202880

P.O. BOX 24527 • SEATTLE, WA 98124
(206) 763-3000 (800) 426-3113 FAX: (206) 767-5579

STRAIGHT BILL OF LADING – SHORT FORM
ORIGINAL – NOT NEGOTIABLE

BILL OF LADING INSTRUCTIONS AS GIVEN BY SHIPPER OR HIS REPRESENTATIVE

DATE 9/27/05	BOOKING NO.	VESSEL AND VOYAGE NO. GRETA S. AKAIK	NSI CONTROL NOL.
PORT OF LOADING AKA NOC	PORT OF DISCHARGE SEATTLE	DESTINATION	BEYOND CARRIER
CONSIGNEE BRISTOL ENV + ENG	SHIPPER BRISTOL ENV + ENG	COLLECT <input type="checkbox"/> PREPAID <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Please Specify	
TERMINAL 115	111 W. 16th ST suite 301	BILL TO: Please show complete address - include zip	
6700 W. MARGINAL WAY	Anchorage, AK 99501	SAME	
SEATTLE, WA 98106			
TELEPHONE	TELEPHONE (907) 563-0013		

INCOMING CARRIER _____ INCOMING CARRIER'S ADVANCE CHARGES: \$ _____

CONTAINER OR P.F.	NO. OF PIECES	KIND OF PACKAGE	COMMODITY DESCRIPTION	GROSS WEIGHT
JORE 284726	1	Connex	SCRAP METAL	15720
C 685	1			15260
C 276	1			18060
KSCU 216418	1			24700
TPHU 668016	1			24040
2304	1			24320
852299	1			22980
BABL 847	1			21060
CAK 1010	1			22020
SAMU 214034	1			21520
CYLU 215135	1			26540
ICSU 449614	1			22720
278109	1			27500
AKU 224122				

In accepting this bill of lading the shipper agrees that the custody and carriage of the goods identified shall be subject to the terms and conditions of this bill of lading and carrier's tariff or applicable contract of affreightment, which shall govern the relations, whatsoever they may be, between the carrier and the shipper, owner and/or consignee of the goods, in every contingency and whensoever occurring.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

SHIPPER: **John [Signature]** DATE: **9-27-05** BY: **[Signature]**

It is declared that the packing of the container has been carried out in accordance with the provisions of 49 CFR 176.27(c).

SHIPPER: _____ DATE: _____ BY: _____

NSI RECEIVING STAMP

Date: _____

Received By: _____

Quantity: _____

Equipment Number: _____

Where rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. THE AGREED OR DECLARED VALUE OF THE PROPERTY IS HEREBY SPECIFICALLY STATED BY THE SHIPPER TO BE NOT EXCEEDING \$ _____ PER _____.

WHITE – Original CANARY – Wharf Copy PINK – Memo Copy GOLDENROD – Memo Copy

52041

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
08:27 am 12/29/05
Truck ID: 284729
Gross Wt: 43080 lb

Weigh Out:
08:40 am
Truck ID: 284729
Gross Wt: 43080 lb
Tare Wt: 27220 lb
Net Wt: 15860 lb

WEIGHER DN PRICE NO/VALUE

LOAD OF 90% WOOD & Debris

FROM Bristol ENVIRO

TO

COMMENTS # ~~284729~~ ~~TARE~~
284726 TARE

DRIVER ON Y DRIVER OFF

(See Reverse For Certification)

51302

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
11:14 am 11/30/05
Truck ID: 685
Gross Wt: 41860 lb

Weigh Out:
02:24 pm
Truck ID: 685
Gross Wt: 41860 lb
Tare Wt: 31600 lb
Net Wt: 10260 lb

WEIGHER DN PRICE _____
LOAD OF Ump Plate
FROM Bristol ENVIRO
TO _____
COMMENTS CU85

DRIVER ON X DRIVER OFF _____
(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

51377

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
09:32 am 12/02/05
Truck ID: 276
Gross Wt: 41500 lb

Weigh Out:
02:53 pm
Truck ID: 276

Gross Wt: 41500 lb
Tare Wt: 31120 lb
Net Wt: 10380 lb

WEIGHER DN PRICE _____

LOAD OF ump plate

FROM Bristol ENVIRO

TO _____

COMMENTS # C 276

DRIVER ON *[Signature]* DRIVER OFF _____

(See Reverse For Certification)

51743

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
11:42 am 12/15/05
Truck ID: 216418
Gross Wt: 50800 lb

Weigh Out:
11:53 am
Truck ID: 216418

Gross Wt: 50800 lb
Tare Wt: 26420 lb
Net Wt: 24380 lb

DIRT/WOODS - 5000
19380 lbs

WEIGHER JK PRICE _____

LOAD OF imp Light Stearable

FROM Bristol ENVIRO

TO _____

COMMENTS 216418 KSCU

DRIVER ON X DRIVER OFF _____

(See Reverse For Certification)

51401

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
02:41 pm 12/02/05
Truck ID: 668016
Gross Wt: 48800 lb

Weigh Out:
10:35 am
Truck ID: 668016

Gross Wt: 48800 lb
Tare Wt: 32420 lb
Net Wt: 16380 lb

WEIGHER DN PRICE _____

LOAD OF Unp Tin

FROM Bristole ENVIDO

TO _____

COMMENTS 668016 TPHU

DRIVER ON X DRIVER OFF _____

(See Reverse For Certification)

51665

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
01:52 Pm 12/13/05
Truck ID: 2304
Gross Wt: 56100 lb

Weigh Out:
01:58 Pm
Truck ID: 2304

Gross Wt: 56100 lb
Tare Wt: 32160 lb
Net Wt: 23940 lb

w000 - 4000

19940 lbs

WEIGHER ON PRICE _____

LOAD OF ~~XXXXXXXXXXXXXXXXXXXX~~ TORCH CUT

FROM Bristol ENVIRO

TO _____

COMMENTS # 2304

DRIVER ON X DRIVER OFF _____

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

52021

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. + Seattle, WA 98134
206-763-0200

Weigh In:
01:10 PM 12/28/05
Truck ID: 852299
Gross Wt: 50700 lb

Weigh Out:
07:24 am
Truck ID: 852299

Gross Wt: 50700 lb
Tare Wt: 32440 lb
Net Wt: 18260 lb

WEIGHER DN PRICE _____

LOAD OF Heavy Torch
FROM Bristol ENVIRO

TO _____

COMMENTS # 852299 (Returned)

DRIVER ON X DRIVER OFF _____

(See Reverse For Certification)

51280

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
02:16 pm 11/29/05
Truck ID: 847
Gross Wt: 47480 lb

Weigh Out:
11:06 am
Truck ID: 847

Gross Wt: 47480 lb
Tare Wt: 31340 lb
Net Wt: 16140 lb

WEIGHER DN PRICE _____

LOAD OF ump plate

FROM Bristol ENVI

TO _____

COMMENTS BABL 847

DRIVER ON [Signature] DRIVER OFF _____
(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

51852

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
10:44 am 12/20/05
Truck ID: 1010
Gross Wt: 49720 lb

Weigh Out:
10:53 am
Truck ID: 1010

Gross Wt: 49720 lb
Tare Wt: 27840 lb
Net Wt: 21880 lb

Dirt/Wood = 4000
15880 lbs

WEIGHER DN PRICE

LOAD OF ump light Shearable

FROM Bristol ENUIRO

TO

COMMENTS CAK 1010

DRIVER ON X DRIVER OFF

(See Reverse For Certification)

52001

BLOCH STEEL INDUSTRIES
Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
09:11 am 12/28/05
Truck ID: 214034
Gross Wt: 48760 lb

Weigh Out:
09:18 am
Truck ID: 214034

Gross Wt: 48760 lb
Tare Wt: 27300 lb
Net Wt: 21460 lb
WOOD/Dirt - 3000
18460 lbs

WEIGHER DH PRICE _____
LOAD OF Wwp Light Shearable
FROM Bristol Enviro
TO _____
COMMENTS # 214034

DRIVER ON X DRIVER OFF _____
(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

51678

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
07:59 am 12/14/05
Truck ID: 215135
Gross Wt: 53880 lb

Weigh Out:
08:07 am
Truck ID: 215135

Gross Wt: 53880 lb
Tare Wt: 27680 lb
Net Wt: 26200 lb

Dirt/WOOD - 8000

18200 lbs

WEIGHER DW PRICE _____

LOAD OF ump Tipte Stevable

FROM Bristol ENVIRO

TO _____

COMMENTS # CYLU 215135

Scraped

DRIVER ON [Signature] DRIVER OFF _____

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

51652

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
11:17 am 12/13/05
Truck ID: 449614
Gross Wt: 54820 lb

Weigh Out:
11:23 am
Truck ID: 449614

Gross Wt: 54820 lb
Tare Wt: 32180 lb
Net Wt: 22640 lb
WOOD - 4000

18640 lbs

WEIGHER DW PRICE _____

LOAD OF Uxp Heavy Stearable

FROM Bristol ENVIRO

TO _____

COMMENTS #1CSU 449614

SCRAPED

DRIVER ON X DRIVER OFF _____

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

51750

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
12:45 pm 12/15/05
Truck ID: 278109
Gross Wt: 53560 lb

Weigh Out:
09:52 am
Truck ID: 278109

Gross Wt: 53560 lb
Tare Wt: 35420 lb
Net Wt: 18140 lb

WEIGHER JW PRICE _____

LOAD OF Drop light Stearable

FROM Bristo/ ENVIRO

TO _____

COMMENTS # 278109

DRIVER ON _____ DRIVER OFF _____

(See Reverse For Certification)



Northland Services

MARINE TRANSPORTATION

202881

P.O. BOX 24527 • SEATTLE, WA 98124
(206) 763-3000 (800) 426-3113 FAX: (206) 767-5579

STRAIGHT BILL OF LADING – SHORT FORM
ORIGINAL – NOT NEGOTIABLE

BILL OF LADING INSTRUCTIONS AS GIVEN BY SHIPPER OR HIS REPRESENTATIVE

DATE 9/27/05	BOOKING NO.	VESSEL AND VOYAGE NO. GRETA S. AKPIK	NSI CONTROL NOL.
PORT OF LOADING NOC	PORT OF DISCHARGE SEATTLE	DESTINATION	BEYOND CARRIER
CONSIGNEE BRISTOL ENV & ENG		SHIPPER BRISTOL ENV & ENG	COLLECT <input type="checkbox"/> PREPAID <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Please Specify
TERMINAL 115		111 W. 16th St. Ste 301	BILL TO: Please show complete address - include zip SAME
6700 W. MARGINAL WAY		ANCHORAGE, AK 99501	
SEATTLE, WA 98106			
TELEPHONE	TELEPHONE (907) 563-0013		

INCOMING CARRIER _____ INCOMING CARRIER'S ADVANCE CHARGES: \$ _____

CONTAINER OR P.F.	NO. OF PIECES	KIND OF PACKAGE	COMMODITY DESCRIPTION	GROSS WEIGHT
NYKU 224122	1	CONNEX	SCRAP METAL	27220
CYLU 215370	1			23720
CAK 1052	1			25940
MLCU 295443	1			17180
CYLU 218579	1			19220
C 319	1			32520
1666	1			30100
TEXU 207126	1			33080
321959	1			28200
321320	1			32100
CAK 1235	1			30560
SEAU 214398	1			39820
3014	1	✓	✓	34140

In accepting this bill of lading the shipper agrees that the custody and carriage of the goods identified shall be subject to the terms and conditions of this bill of lading and carrier's tariff or applicable contract of affreightment, which shall govern the relations, whatsoever they may be, between the carrier and the shipper, owner and/or consignee of the goods, in every contingency and whensoever occurring.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

SHIPPER: [Signature] DATE: **9-27-05** BY: [Signature]

It is declared that the packing of the container has been carried out in accordance with the provisions of 49 CFR 176.27(c).

SHIPPER: _____ DATE: _____ BY: _____

NSI RECEIVING STAMP

Date: _____

Received By: _____

Quantity: _____

Equipment Number: _____

Where rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. THE AGREED OR DECLARED VALUE OF THE PROPERTY IS HEREBY SPECIFICALLY STATED BY THE SHIPPER TO BE NOT EXCEEDING \$ _____ PER _____.

WHITE – Original CANARY – Wharf Copy PINK – Memo Copy GOLDENROD – Memo Copy

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

51842

Weigh In:
08:56 am 12/20/05
Truck ID: 224122
Gross Wt: 59180 lb

Weigh Out:
09:05 am
Truck ID: 224122

Gross Wt: 59180 lb
Tare Wt: 32120 lb
Net Wt: 27060 lb

Wood/Dirt

- 4000

23060 lbs

WEIGHER DH PRICE _____

LOAD OF ump light skidable

FROM Bristol ENVIRO

TO _____

COMMENTS to NYKU 224122

DRIVER ON X DRIVER OFF _____

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

51692

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
09:51 am 12/14/05
Truck ID: 215337
Gross Wt: 50900 lb

Weigh Out:
01:48 pm
Truck ID: 215337

Gross Wt: 50900 lb
Tare Wt: 27620 lb
Net Wt: 23280 lb

Dirt/Wood - 5000
18280 lbs

WEIGHER DH PRICE _____

LOAD OF Torch cut

FROM Bristol ENVIRO

TO _____

COMMENTS ~~215337~~ CYLU 215 370

DRIVER ON P DRIVER OFF _____

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

51685

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
09:02 am 12/14/05
Truck ID: 1052
Gross Wt: 53700 lb

Weigh Out:
09:06 am
Truck ID: 1052

Gross Wt: 53700 lb
Tare Wt: 27660 lb
Net Wt: 26040 lb

Dirt/WOOD - 6000
20040 lbs

WEIGHER DH PRICE _____

LOAD OF Heavy Shearable WPP

FROM Bristol ENVIRO

TO _____

COMMENTS # CAK 1052

DRIVER ON X DRIVER OFF _____

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

51243

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
11:36 am 11/28/05
Truck ID: 295443
Gross Wt: 42620 lb

Weigh Out:
02:10 pm
Truck ID: 295443
Gross Wt: 42620 lb
Tare Wt: 32940 lb
Net Wt: 9680 lb

WEIGHER DN PRICE _____

LOAD OF Tin # 2

FROM Bristol ENVIRO

TO _____

COMMENTS ^{mlcu} 295443

DRIVER ON DRIVER OFF _____

(See Reverse For Certification)

51713

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
02:15 pm 12/14/05
Truck ID: 218579
Gross Wt: 49860 lb

Weigh Out:
10:45 am
Truck ID: 218579

Gross Wt: 49860 lb
Tare Wt: 36820 lb
Net Wt: 13040 lb

WEIGHER DN PRICE _____
LOAD OF Light Stearable wrap
FROM Bristol ENVIRO
TO _____
COMMENTS CYLU 218579
Returned
DRIVER ON X DRIVER OFF _____
(See Reverse For Certification)

51237

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
08:56 am 11/28/05
Truck ID: 319
Gross Wt: 57440 lb

Weigh Out:
11:29 am
Truck ID: 319
Gross Wt: 57440 lb
Tare Wt: 31180 lb
Net Wt: 26260 lb

WEIGHER DN PRICE _____

LOAD OF Plate UNP

FROM Bristol ENVIRO

TO _____

COMMENTS # 319

DRIVER ON X DRIVER OFF _____

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

51903

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
11:18 am 12/21/05
Truck ID: 1666
Gross Wt: 57540 lb

Weigh Out:
11:22 am
Truck ID: 1666

Gross Wt: 57540 lb
Tare Wt: 27780 lb
Net Wt: 29760 lb

Dirt/WOOD - 6000
23760 lbs

WEIGHER JDN CUT PRICE _____

LOAD OF UMP TORCH ~~_____~~

FROM Bristol ENVIRO

TO _____

COMMENTS # 11666

DRIVER ON DRIVER OFF _____

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

51899

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
10:13 am 12/21/05
Truck ID: 207126
Gross Wt: 60800 lb

Weigh Out:
10:29 am
Truck ID: 207126

Gross Wt: 60800 lb
Tare Wt: 27760 lb
Net Wt: 33040 lb

wood/dirt 8000
25040 lbs

WEIGHER DN PRICE _____

LOAD OF insulated wire

FROM Bristol ENVIRO

TO _____

COMMENTS TEXU 207126

DRIVER ON 0 DRIVER OFF _____

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

51860

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
12:29 pm 12/20/05
Truck ID: 321959
Gross Wt: 55660 lb

Weigh Out:
12:34 pm
Truck ID: 321959

Gross Wt: 55660 lb
Tare Wt: 27860 lb
Net Wt: 27800 lb

wood/dirt - 5000
22800 lbs

WEIGHER DN PRICE _____
LOAD OF Chp Light Aluminum
FROM Bristol ENVIRO
TO _____
COMMENTS # 321959

DRIVER ON X DRIVER OFF _____
(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

51889

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
08:07 am 12/21/05
Truck ID: 321320
Gross Wt: 59720 lb

Weigh Out:
08:21 am
Truck ID: 321320

Gross Wt: 59720 lb
Tare Wt: 27780 lb
Net Wt: 31940 lb

wood / dirt - 11000
20940 lbs

WEIGHER DH PRICE _____

LOAD OF Unp light Stearable

FROM Bristol ENVIRO

TO _____

COMMENTS # 321320

DRIVER ON Y DRIVER OFF _____

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

51657

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
12:44 PM 12/13/05
Truck ID: 1235
Gross Wt: 62600 lb

Weigh Out:
12:49 PM
Truck ID: 1235

Gross Wt: 62600 lb
Tare Wt: 32160 lb
Net Wt: 30440 lb

Dirt/WOOD - 6000

24440 lbs

WEIGHER DN PRICE _____

LOAD OF Usp Light Steerable

FROM Bristol ENVIRO

TO _____

COMMENTS at CHK 1235

DRIVER ON X DRIVER OFF _____
(See Reverse For Certification)

51415

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
11:30 am 12/05/05
Truck ID: 214398
Gross Wt: 65280 lb

Weigh Out:
08:27 am
Truck ID: 214398

Gross Wt: 65280 lb
Tare Wt: 31200 lb
Net Wt: 34080 lb

WEIGHER ON PRICE _____

* LOAD OF dup cable

FROM Bristol ENVIRO

TO _____

COMMENTS # SEAU 214398

DRIVER ON P DRIVER OFF _____

(See Reverse For Certification)

51871

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
01:28 pm 12/20/05
Truck ID: 3014
Gross Wt: 61780 lb

Weigh Out:
01:58 pm
Truck ID: 3014

Gross Wt: 61780 lb
Tare Wt: 27860 lb
Net Wt: 33920 lb

wood/dirt - 9000

24920 lbs

WEIGHER ON PRICE _____

LOAD OF WSP Cable (High Tinsle)

FROM Bristol ENVIKO

TO _____

COMMENTS #3014

DRIVER ON X DRIVER OFF _____
(See Reverse For Certification)

P.O. BOX 24527 • SEATTLE, WA 98124
 (206) 763-3000 (800) 426-3113 FAX: (206) 767-5579

STRAIGHT BILL OF LADING – SHORT FORM
 ORIGINAL – NOT NEGOTIABLE

BILL OF LADING INSTRUCTIONS AS GIVEN BY SHIPPER OR HIS REPRESENTATIVE

DATE 9/27/05	BOOKING NO.	VESSEL AND VOYAGE NO.	NSI CONTROL NOL.
PORT OF LOADING NOC	PORT OF DISCHARGE SEATTLE	DESTINATION	BEYOND CARRIER
CONSIGNEE BRISTOL ENV + ENG	SHIPPER BRISTOL ENV + ENG	COLLECT <input type="checkbox"/> PREPAID <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Please Specify	
TERMINAL 115	111 W. 16 th ST, Ste 301	BILL TO: Please show complete address - include zip	
6700 W. MARGINAL WAY	ANCHORAGE, AK 99501	SAME	
SEATTLE, WA 98106	TELEPHONE (907) 563-0013		

INCOMING CARRIER _____ INCOMING CARRIER'S ADVANCE CHARGES: \$ _____

CONTAINER OR P.F.	NO. OF PIECES	KIND OF PACKAGE	COMMODITY DESCRIPTION	GROSS WEIGHT
HJCU 857630	1	CONNEX	SCRAP METAL	40420
200294	1	↓	↓	54040
857299	1	↓	↓	30400
HJCU 850040	1	↓	↓	28580
NSIU 263328	1	↓	↓	28040
NSIU 202080	1	↓	↓	

In accepting this bill of lading the shipper agrees that the custody and carriage of the goods identified shall be subject to the terms and conditions of this bill of lading and carrier's tariff or applicable contract of affreightment, which shall govern the relations, whatsoever they may be, between the carrier and the shipper, owner and/or consignee of the goods, in every contingency and whensoever occurring.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

SHIPPER: [Signature] / BEUSE DATE: 9/27/05 BY: [Signature]

It is declared that the packing of the container has been carried out in accordance with the provisions of 49 CFR 176.27(c).

SHIPPER: _____ DATE: _____ BY: _____

NSI RECEIVING STAMP

Date: _____
 Received By: _____
 Quantity: _____
 Equipment Number: _____

Where rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. THE AGREED OR DECLARED VALUE OF THE PROPERTY IS HEREBY SPECIFICALLY STATED BY THE SHIPPER TO BE NOT EXCEEDING \$ _____ PER _____

BLOCH STEEL INDUSTRIES

51908

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
12:36 pm 12/21/05
Truck ID: 857630
Gross Wt: 68080 lb

Weigh Out:
09:56 am
Truck ID: 857630
Gross Wt: 68080 lb
Tare Wt: 32620 lb
Net Wt: 35460 lb

WEIGHER AN PRICE _____
LOAD OF UNP CABLE Torch cut
FROM Bristol ENVIRO
TO _____
COMMENTS HJCU 857630
DRIVER ON X DRIVER OFF _____
(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

52012

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh Ins
11:31 am 12/28/05
Truck ID: 200294
Gross Wt: 81580 lb

Weigh Out:
11:53 am
Truck ID: 200294

Gross Wt: 81580 lb
Tare Wt: 27340 lb
Net Wt: 54240 lb

WEIGHER DN PRICE _____

LOAD OF insulated wire

FROM Bristol ENVIKO

TO _____

COMMENTS # MLLA 200294

DRIVER ON D DRIVER OFF _____

(See Reverse For Certification)

51893

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
09:13 am 12/21/05
Truck ID: 857299
Gross Wt: 58060 lb

Weigh Out:
09:18 am
Truck ID: 857299

Gross Wt: 58060 lb
Tare Wt: 27760 lb
Net Wt: 30300 lb

Tires / Dirt / Wood - 8000

22300 lbs

WEIGHER DN PRICE _____
LOAD OF Upright Shearable
FROM Bristol ENVRD
TO _____
COMMENTS # 857299

DRIVER ON X DRIVER OFF _____

(See Reverse For Certification)

52009

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
10:38 am 12/28/05
Truck ID: 850040
Gross Wt: 56820 lb

Weigh Out:
10:43 am
Truck ID: 850040

Gross Wt: 56820 lb
Tare Wt: 27380 lb
Net Wt: 29440 lb

wood/dirt

- 9000

20440 lbs

WEIGHER DN PRICE _____

LOAD OF unp light steerable

FROM Bristol ENVIRO

TO _____

COMMENTS at HSCU 850040

DRIVER ON X DRIVER OFF _____

(See Reverse For Certification)

51323

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
02:41 pm 11/30/05
Truck ID: 263328
Gross Wt: 54300 lb

Weigh Out:
12:34 pm
Truck ID: 263328

Gross Wt: 54300 lb
Tare Wt: 34060 lb
Net Wt: 20240 lb

WOOD/Concrete - 2000
18240 lbs

WEIGHER DN PRICE _____

LOAD OF WUP Tin & R

FROM Bristol ENVIRO

TO _____

COMMENTS NS14 263328

WOOD/Concrete

DRIVER ON X DRIVER OFF _____

(See Reverse For Certification)

51355

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
12:42 PM 12/01/05
Truck ID: 202080
Gross Wt: 48700 lb

Weigh Out:
09:27 am
Truck ID: 202080

Gross Wt: 48700 lb
Tare Wt: 29840 lb
Net Wt: 18860 lb

MOD/Rusty Corrosion - 6000
12860 lbs

WEIGHER DN PRICE _____
LOAD OF ~~1000~~ LARGE Boiler (Heavy Burnable)
FROM Bristol ENVIRO
TO _____
COMMENTS #NSIU 202080

DRIVER ON DRIVER OFF _____
(See Reverse For Certification)



P.O. BOX 24527 • SEATTLE, WA 98124
 (206) 763-3000 (800) 426-3113 FAX: (206) 767-5579

STRAIGHT BILL OF LADING – SHORT FORM
 ORIGINAL – NOT NEGOTIABLE

BILL OF LADING INSTRUCTIONS AS GIVEN BY SHIPPER OR HIS REPRESENTATIVE

DATE <i>August 2, 2005</i>	BOOKING NO.	VESSEL AND VOYAGE NO. <i>Sea Link</i>	NSI CONTROL NOL.
PORT OF LOADING <i>NOC</i>	PORT OF DISCHARGE <i>Seattle</i>	DESTINATION	BEYOND CARRIER
CONSIGNEE <i>Bristol Environmental Terminal 115 6700 W. Marginal Way Seattle, WA 98106</i>	SHIPPER <i>Bristol Environmental 2000 W. International Airport Rd #C-1 Anchorage, AK 99502</i>	COLLECT <input type="checkbox"/> PREPAID <input type="checkbox"/> OTHER <input type="checkbox"/> Please Specify	BILL TO: Please show complete address - include zip <i>SAME</i>
TELEPHONE	TELEPHONE <i>(907) 563-0013</i>	<i>Bristol Environmental 2000 W. International Airport Rd #C-1 Anchorage, AK 99502</i>	

INCOMING CARRIER _____ INCOMING CARRIER'S ADVANCE CHARGES: \$ _____

CONTAINER OR P.F.	NO. OF PIECES	KIND OF PACKAGE	COMMODITY DESCRIPTION	GROSS WEIGHT
<i>KKIC 378567</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>32320</i>
<i>223423</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>41380</i>
<i>1432</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>26920</i>
<i>1752</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>23980</i>
<i>EISU 322022</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>30440</i>
<i>1787</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>21820</i>
<i>1868</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>32120</i>
<i>TRIU 332377</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>20160</i>
<i>EMCU 285779</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>26100</i>
<i>777463</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>32500</i>
<i>TEXU 326370</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>22320</i>
<i>EMCU 289063</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>26280</i>
<i>TTNU 215779</i>	<i>1</i>	<i>Connex</i>	<i>Wire (Armored Comm. Wire)</i>	<i>30200</i>

In accepting this bill of lading the shipper agrees that the custody and carriage of the goods identified shall be subject to the terms and conditions of this bill of lading and carrier's tariff or applicable contract of affreightment, which shall govern the relations, whatsoever they may be, between the carrier and the shipper, owner and/or consignee of the goods, in every contingency and whensoever occurring.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

SHIPPER: *[Signature]* DATE: *8-2-05* BY: *[Signature]*

It is declared that the packing of the container has been carried out in accordance with the provisions of 49 CFR 176.27(c).

SHIPPER: _____ DATE: _____ BY: _____

NSI RECEIVING STAMP

Date: *Aug 02, 2005*

Received By: *[Signature]*

Quantity: *[Signature]*

Equipment Number: _____

Where rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. THE AGREED OR DECLARED VALUE OF THE PROPERTY IS HEREBY SPECIFICALLY STATED BY THE SHIPPER TO BE NOT EXCEEDING \$ _____ PER _____

BLOCH STEEL INDUSTRIES

49729

Division of M. Bloch & Co. Inc.
4780 Colorado Ave. S. Seattle, WA 98134
206-743-0200

Weight In:
09:19 am 09/26/05
Truck ID: 378567
Gross Wt: 35500 lb

Weight Out:
09:26 am
Truck ID: 378567

Gross Wt: 35500 lb
Tare Wt: 24100 lb
Net Wt: 11400 lb

11400 / 0.28 = 40714 lbs

WEIGHER DW PRICE \$95.00/TON

LOAD OF Scrap Heavy Scrap
FROM Bristol ENVIRO

TO !
COMMENTS # 378567 (Scraped)
Includes container

DRIVER ON X DRIVER OFF
(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49498

Division of M. Bloch & Co. Inc.
4001 Colvard Ave. S. Seattle, WA 98134
TEL: 752-3200

Weigh In
01143 PM 09/16/05
Truck ID# 223423
Gross Wt: 65820 LB

Weigh Out
02113 PM
Truck ID# 223423

Gross Wt: 65820 LB
Tare Wt: 24600 LB
Net Wt: 41020 LB

LOAD - 2000

41020 LBS

WEIGHER DIN

PRICE \$0.53 / LB

LOAD OF Imp Heavy Scrap

FROM Bristol ENVIRO

TO

COMMENTS # 223423 (Scrapped)

DRIVER ON D

DRIVER OFF

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49608

Division of M. Bloch & Co. Inc.
4500 Colorado Ave. S. Seattle, WA 98134
206-783-0200

Weigh In
10:21 on 09/21/05
Truck ID# 1432
Gross Wt 53700 lb

Weigh Out
01:50 on
Truck ID# 1432

Gross Wt 53700 lb
Tare Wt 22200 lb
Net Wt 31500 lb

WEIGHER ON

PRICE

\$100.00

LOAD OF Used Heavy Scrap

FROM (Bristol) ENVIRO

TO

COMMENTS

1432

(RETURNED)

DRIVER ON ✓

DRIVER OFF

(See Reverse For Certification)

49461

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4040 Colorado Ave. S. Seattle, WA 98134
206-723-0210

Weight In: 01:47 PM 04/15/05
Truck ID: 1752
Gross Wt: 51340 lb

Weight Out: 01:54 PM
Truck ID: 1752

Gross Wt: 51340 lb
Tare Wt: 26340 lb
Net Wt: 25000 lb

Handwritten: 25000
16.00 lbs

WEIGHTER DN

PRICE 11.00

LOAD OF 1/2" Light Sump

FROM Bristol ENUKO

TO

COMMENTS # 1752

DRIVER ON [Signature]

DRIVER OFF

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49489

Division of M. Bloch & Co. Inc.
4001 Cornwell Ave. S. Seattle, WA 98134
206-763-0200

Weigh In
02:44 on 02/15/05
Truck ID: 322022
Gross Wt: 50560 lb

Weigh Out
02:33 on
Truck ID: 322022

Gross Wt: 50560 lb
Tare Wt: 26270 lb
Net Wt: 24290 lb
Units: - 140

21140 lbs

WEIGHER DN

PRICE 05

LOAD OF ump Heavy Scrap

FROM Bristol ENVIRO

TO

COMMENTS # 322022 (Scrap)

DRIVER ON X

DRIVER OFF

(See Reverse for Certification)

BLOCH STEEL INDUSTRIES

49551

Division of P.M. Bloch & Co., Inc.
4050 Colorado Ave. S. Seattle, WA 98134
206-755-0200

Weight Inv
09/20/15
Truck ID: 1787
Gross Wt: 46300 lb

Weight Inv
12/30/15
Truck ID: 1787

Gross Wt: 4090 lb
Tare Wt: 3120 lb
Net Wt: 1710 lb

WEIGHER

ON

PRICE

4000

LOAD OF *UAP* *heavy*

FROM Bristol ENVIKO

TO

COMMENTS

1787 (Returned)

DRIVER ON

X

DRIVER OFF

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49508

Division of M. Bloch & Co. Inc.
4950 Cincinnati Ave. S. Seattle, WA 98134
206-753-2200

Weight Date
05113 on 05/19/05
Truck ID# 1850
Gross Wt 58750 lb

Weight Date
05113 on
Truck ID# 1850

Gross Wt 58750 lb
Tare Wt 27000 lb
Net Wt 31750 lb
- 10000

30700 lbs

WEIGHER *OKI*

PRICE *17000*

LOAD OF *4 1/2* Heavy scrap Torch C
FROM *Bristol ENVIRO*

TO

COMMENTS *# 1 No 8 (Scraped)*

DRIVER ON *[Signature]*

DRIVER OFF

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49516

Division of M. Bloch & Co., Inc.
4550 Colorado Ave. S. Seattle, WA 98134
206-725-3200

Scale No: 10113
Date: 09-19-09
Truck ID: 332377
Gross Wt: 47000 lb

Scale No: 10113
Date: 09-19-09
Truck ID: 332377

Gross Wt: 47000 lb
Tare Wt: 32500 lb
Net Wt: 14500 lb

WEIGHER

ON

PRICE

\$20.00

LOAD OF

ump Tight Scales

FROM

Bristol ENVIKO

TO

COMMENTS

332377

(Returned)

DRIVER ON

P

DRIVER OFF

(See Reverse For Certifications)

BLOCH STEEL INDUSTRIES

49520

Division of M. Bloch & Co. Inc.
4500 Colman Ave. S. Seattle, WA 98134
206-752-1331

Weigh In:
11:22 am 09/19/07
Truck ID: 777463
Gross Wt: 50320 lb

Weigh Out:
11:34 am
Truck ID: 777463

Gross Wt: 50320 lb
Tare Wt: 26000 lb
Net Wt: 24320 lb
24320

30380 lbs

WEIGHER *ON*

PRICE *80500*
1500

LOAD OF *Scrap Heavy Scrap*
FROM *Bristol ENVIRO*

TO

COMMENTS *# 777463 (Scrapped)*

DRIVER ON *P*

DRIVER OFF

(See Reverse For Certification)

49491

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4100 Greenwood Ave. E. Seattle, WA 98134
(206) 763-0200

Driver ID: 02144 on 02/14/05
Truck ID: 2
Gross Wt: 48141 lb

Driver ID: 02144 on
Truck ID: 2
Tare Wt: 26140 lb
Net Wt: 22001 lb

WEIGHER ON

PRICE 95 ⁰⁰/₁₀₀

LOAD OF Large Heavy Scrap
FROM BRISTOL ENVIRO
TO

COMMENTS # 326370

DRIVER ON P

DRIVER OFF

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49599

Division of M. Bloch & Co., Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-1500

Weigh In:
08:57 on 09-21-05
Truck ID: 254063
Gross Wt: 52720 lb

Weigh Out:
09:21 on
Truck ID: 254063

Gross Wt: 50720 lb
Tare Wt: 2600 lb
Net Wt: 48120 lb

Over (under) - 500

32,000 lb

WEIGHER ON

PRICE \$18.00 / TON

LOAD OF WWT Light Scrap

FROM Crystal Enwiko

TO

COMMENTS # 254063 (Scrap)

DRIVER ON X

DRIVER OFF

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49495

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0210

Weight Date
11119 lbs 09/16/05
Truck ID# 215279
Gross Wt# 24620 lb

Weight Date
12139 lbs
Truck ID# 215279

Gross Wt# 54630 lb
Tare Wt# 29020 lb
Net Wt# 24940 lb

WEIGHER DN PRICE 0.054

LOAD OF Construction Wire

FROM Bristol ENVIKO

TO

COMMENTS # 215279 (RETURNED)

DRIVER ON X DRIVER OFF

(See Reverse For Certification)



P.O. BOX 24527 • SEATTLE, WA 98124
(206) 763-3000 (800) 426-3113 FAX: (206) 767-5579

STRAIGHT BILL OF LADING – SHORT FORM
ORIGINAL – NOT NEGOTIABLE

BILL OF LADING INSTRUCTIONS AS GIVEN BY SHIPPER OR HIS REPRESENTATIVE

DATE <i>August 2, 2005</i>	BOOKING NO.	VESSEL AND VOYAGE NO. <i>Sea-Tank</i>	NSI CONTROL NO.
PORT OF LOADING <i>NOC</i>	PORT OF DISCHARGE <i>Seattle</i>	DESTINATION	BEYOND CARRIER
CONSIGNEE <i>Bristol Environmental</i>	SHIPPER <i>Bristol Environmental</i>	COLLECT <input type="checkbox"/>	PREPAID <input type="checkbox"/>
<i>Terminal 115</i>	<i>2000 W. International Airport Rd. #C-1</i>	OTHER <input type="checkbox"/> Please Specify	
<i>6700 W. Marginal Way</i>	<i>Anchorage, AK 99502</i>	BILL TO: Please show complete address - include zip	
<i>Seattle, WA 98106</i>		<i>2000 W. International Airport</i>	
TELEPHONE	TELEPHONE	<i>Anchorage, AK 99502</i>	

INCOMING CARRIER _____ INCOMING CARRIER'S ADVANCE CHARGES: \$ _____

CONTAINER OR P.F.	NO. OF PIECES	KIND OF PACKAGE	COMMODITY DESCRIPTION	GROSS WEIGHT
<i>873069</i>	<i>1</i>	<i>Connex</i>	<i>Generator Set</i>	<i>32680</i>
<i>HJCU 854413</i>	<i>1</i>	<i>Connex</i>	<i>Generator Set</i>	<i>32120</i>
<i>CYLU 216907</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>26320</i>
<i>672403</i>	<i>1</i>	<i>Connex</i>	<i>Scrap Metal</i>	<i>26200</i>
<i>(Remaining rows are crossed out with a diagonal line)</i>				

In accepting this bill of lading the shipper agrees that the custody and carriage of the goods identified shall be subject to the terms and conditions of this bill of lading and carrier's tariff or applicable contract of affreightment, which shall govern the relations, whatsoever they may be, between the carrier and the shipper, owner and/or consignee of the goods, in every contingency and whensoever occurring.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

SHIPPER: *[Signature]* DATE: *8-2-05* BY: *[Signature]*

It is declared that the packing of the container has been carried out in accordance with the provisions of 49 CFR 176.27(c).

SHIPPER: _____ DATE: _____ BY: _____

NSI RECEIVING STAMP

Date: *Aug 02 2005*

Received By: *[Signature]*

Quantity: *[Signature]*

Equipment Number: _____

Where rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. THE AGREED OR DECLARED VALUE OF THE PROPERTY IS HEREBY SPECIFICALLY STATED BY THE SHIPPER TO BE NOT EXCEEDING \$ _____ PER _____

BLOCH STEEL INDUSTRIES

49577

Division of M. Bloch & Co., Inc.
4950 Colorado Ave. S. Seattle, WA 98134
206-763-2200

Weigh In
Date: 08/20/05
Truck ID: 873069
Gross Wt: 59200 lb

Weigh Out
Date: 08/20/05
Truck ID: 873069

Gross Wt: 59200 lb
Tare Wt: 31200 lb
Net Wt: 28000 lb

WEIGHTER ON

PRICE ^{170.00} ~~170.00~~

LOAD OF UMP large generators & motors
FROM Buista ENVIRO

TO

COMMENTS # 873069

(RETURNED)

DRIVER ON XO

DRIVER OFF

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49419

Division of M. Bloch & Co., Inc.
4500 Colorado Ave. S. Seattle, WA 98134
206-763-9700

Weigh In:
11:41 on 09/14/05
Truck ID# 514
Gross Wt 58300 lb

Weigh Out:
12:35 on
Truck ID# 514
Gross Wt 58300 lb
Tare Wt 31150 lb
Net Wt 27150 lb

Generator Units

WEIGHER DW PRICE \$1.00

LOAD OF Generator Units (2)

FROM Bristol ENVIKO

TO

COMMENTS 354413 (Box Wt's Returned)

DRIVER ON 0 DRIVER OFF

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49482

Division of M. Bloch & Co., Inc.
4500 Colorado Ave. E. Seattle, WA 98134
206-762-2200

Weigh In
08:42 on 09/15/15
Truck ID# 216907
Gross Wt 54340 lb

Weigh Out
08:47 on
Truck ID# 216907

Gross Wt 54340 lb
Tare Wt 28250 lb
Net Wt 26090 lb

WSP/DFL - 2000
24090 lbs

WEIGHER *DN*

PRICE *2057.25*

LOAD OF *WSP Heavy Scrap*
FROM *Bristol ENVIRO*
TO

COMMENTS *# 216907 (SENDER)*

DRIVER ON *X*

DRIVER OFF

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49450

Division of M. Bloch & Co. Inc.
4500 Colorado Ave. S. Seattle, WA 98134
206-762-0200

Weight In:
11:17 on 01-15-05
Truck ID: 812
Gross Wt: 53900 lb

Weight Out:
11:32 on
Truck ID: 812

Gross Wt: 53900 lb
Tare Wt: 24000 lb
Net Wt: 29900 lb

24000

24000 lb

WEIGHER *DN*

PRICE *4.85*

LOAD OF ~~STEEL~~ *ONLY* ~~HOOP~~ *HOOP* ~~SWAP~~ *SWAP*
FROM *BRISTOL ENVIRO*
TO

COMMENTS *672403*

LOAD FLOOR

(SCREWED)

DRIVER ON *X*

DRIVER OFF

(See Reverse for Certification)



Northland Services

MARINE TRANSPORTATION

202885

PO. BOX 24527 • SEATTLE, WA 98124
(206) 763-3000 (800) 426-3113 FAX: (206) 767-5579

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

BILL OF LADING INSTRUCTIONS AS GIVEN BY SHIPPER OR HIS REPRESENTATIVE

DATE 8/4	BOOKING NO.	VESSEL AND VOYAGE NO. NORWANG IP 103	NSI CONTROL NOL.
PORT OF LOADING NF Cape	PORT OF DISCHARGE NOME	DESTINATION SEA	BEYOND CARRIER
CONSIGNEE Bristol Environmental	SHIPPER Bristol Environmental	COLLECT <input type="checkbox"/> PREPAID <input type="checkbox"/> OTHER <input type="checkbox"/> Please Specify	
Terminal 115	2000 W. Int. Airport Rd, #C-1	BILL TO: Please show complete address - include zip SAME	
6700 W. Marginal Way S	Anchorage, AK 99502	Bristol Environmental	
Seattle, WA 98106		2000 W. Int. Airport Rd, #C-	
TELEPHONE	TELEPHONE (907) 563-0013	Anchorage, AK 99502	

INCOMING CARRIER

INCOMING CARRIER'S ADVANCE CHARGES: \$

CONTAINER OR P.F.	NO. OF PIECES	KIND OF PACKAGE	COMMODITY DESCRIPTION	GROSS WEIGHT
2787	1	Connex	Scrap Metal	45,840 lbs
NSIU 299232	1	Connex	Scrap Metal	29,280
EISU 307841	1	Connex	Scrap Metal	30,240
CAK 1106	1	Connex	Scrap Metal	27,760
CYLU 215699	1	Connex	Scrap Metal	25,840
CAXU 618714	1	Connex	Scrap Metal	26,460
HJCU 858333	1	Connex	Scrap Metal	24,800
EISU 303047	1	Connex	Scrap Metal	30,680
JORU 567553	1	Flat Bed	D-8' Cat (Scrap Metal)	35,980

In accepting this bill of lading the shipper agrees that the custody and carriage of the goods identified shall be subject to the terms and conditions of this bill of lading and carrier's tariff or applicable contract of affreightment, which shall govern the relations, whatsoever they may be, between the carrier and the shipper, owner and/or consignee of the goods, in every contingency and whensoever occurring.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

SHIPPER: [Signature] DATE: 8-4-05 BY: _____

It is declared that the packing of the container has been carried out in accordance with the provisions of 49 CFR 176.27(c).

SHIPPER: _____ DATE: _____ BY: _____

NSI RECEIVING STAMP

Date: 8/4/05

Received By: [Signature]

Quantity: _____

Equipment Number: _____

Where rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. THE AGREED OR DECLARED VALUE OF THE PROPERTY IS HEREBY SPECIFICALLY STATED BY THE SHIPPER TO BE NOT EXCEEDING \$ _____ PER _____

WHITE - Original CANARY - Wharf Copy PINK - Memo Copy GOLDENROD - Memo Copy

BLOCH STEEL INDUSTRIES

49741

Division of M. Bloch & Co. Inc.
45001 Greenwood Ave. S. Seattle, WA 98148
206-765-1200

Net Wt: 12135
Tare Wt: 2787
Gross Wt: 14922 lb

Net Wt: 12025
Tare Wt: 2787

Gross Wt: 14812 lb
Tare Wt: 2520 lb
Net Wt: 12292 lb

206/765-1200

48766 lb

WEIGHER PRICE

LOAD OF UNP Heavy Scrap
FROM GUSTO ENVIRO
TO

COMMENTS # 2787 Scrap
Includes container

DRIVER ON DRIVER OFF
(See Reverse for Certification)

BLOCH STEEL INDUSTRIES

49694

Division of W. Enbridge Co. Inc.
4500 Colorado Ave. S. Seattle, WA 98148
TEL: 206-452-2323

Weight In: 09-24
09-24 in 09-24-10
Tare Wt: 29923
Gross Wt: 54280 lb

Weight Out: 09-24
09-24 in 09-24-10
Tare Wt: 29923

Gross Wt: 54280 lb
Tare Wt: 29923 lb
Net Wt: 24357 lb

Net 2100
21860 lb

WEIGHER ON PAGE 10

LOAD OF UNP Heavy Scrap
FROM Bristol ENVIKO
TO

COMMENTS # 299233 (Returned)

DRIVER ON DRIVER OFF

File Reverse For Certification

BLOCH STEEL INDUSTRIES

49687

Division of H. Bloch & Co., Inc.
4520 Chestnut Ave. S. Seattle, WA 98134
206-763-1231

Weight Inc.
12049 lbs 09/23/05
Tare Wt 307849
Gross Wt 30140 lb

Weight Inc.
12075 lbs
Tare Wt 307849
Gross Wt 30140 lb
Tare Wt 29940 lb
Net Wt 30000 lb

WOOD/DIRT - 3000

27200 lbs
PRICE \$18.00/WT

WEIGHER ON PRICE
LOAD OF WOOD Light Semp
FROM Bristol ENVIKO
TO

COMMENTS # 307849 (Sempad)

DRIVER ON ✓ DRIVER OFF
(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49655

Division of M. Bloch & Co. Inc.
4500 Chestnut Ave. S. Memphis, TN 38124
908-761-3231

Weight In
0947 on 09/20/85
Tare ID: 1105
Gross Wt: 3020 lb

Weight Out
1015 on
Tare ID: 1105

Gross Wt: 3020 lb
Tare Wt: 3020 lb
Net Wt: 2700 lb
2000 - 100

26300 lb

WEIGHER ON

PRICE \$0.50 / LB

LOAD OF VAR Heavy Scrap
FROM Bristol ENVIRO

TO

COMMENTS # 1106 (Scraped)

DRIVER ON ✓

DRIVER OFF

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49739

DIVISION OF B. Bloch & Co. Inc.
4500 Conroche Ave. E. Seattle, WA 98148
206-765-1500

Weigh In
11:28 on 09/25/05
Truck ID: 215699
Gross Wt: 30760 lb

Weigh Out
11:36 on
Truck ID: 215699

Gross Wt: 30760 lb
Tare Wt: 2000 lb
Net Wt: 28760 lb

TARES 1000/lb 307
28760 lb

WEIGHED ON PRICE \$117.00

LOAD OF WAP Expt Scrap

FROM Bristol ENVIKO

TO

COMMENTS # 215 699 Scraped
includes container

DRIVER ON 0

DRIVER OFF

(See Reference For Certification)

BLOCH STEEL INDUSTRIES

49639

Division of M. Bloch & Co., Inc.
4380 Oakbrook Ave. S. Seattle, WA 98148
206-763-0300

Weight In: _____
Date: 09/21/05
Truck ID: 618714
Gross Wt: 50900 lb

Weight Out: _____
Date: _____
Truck ID: 618714

Gross Wt: 40900 lb
Tare Wt: 10000 lb
Net Wt: 30900 lb

WEIGHER

ON

PRICE

100%

LOAD OF VMO Heavy Sample
FROM Bristol ENVIRO

TO

COMMENTS # 618714

DRIVER ON

X

DRIVER OFF

(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49662

Division of M. Bloch & Co., Inc.
4555 Colorado Ave. S. Seattle, WA 98148
206-763-0201

Weigh In:
Date: 09-22-05
Truck ID: 258333
Gross Wt: 49700 lb

Weigh Out:
Date:
Truck ID: 258333
Gross Wt: 49700 lb
Tare Wt: 30500 lb
Net Wt: 19200 lb

Dirt 2000
17500 lb

WEIGHER: DN PRICE: \$100.00

LOAD OF UNO Heavy scrap
FROM Bristol ENVIKO

TO:
COMMENTS: # 258333 (Returned)

DRIVER ON: DRIVER OFF:
(See Reverse For Certification)

BLOCH STEEL INDUSTRIES

49660

Division of M. Bloch & Co., Inc.
4550 Colverton Ave. S. Seattle, WA 98134
206-763-4300

Weight In
10:46 on 09/23/05
Truck ID# 303047
Gross Wt: 33600 lb

Weight Out
10:50 on
Truck ID# 303047
Gross Wt: 33600 lb
Tare Wt: 25200 lb
Net Wt: 8400 lb

100000
29280 lbs

WEIGHER ON PRICE 195.00/WT

LOAD OF UMP Heavy Scrap
FROM BRISTOL ENVIRO
TO

COMMENTS at 303047 (Scrap)

DRIVER ON to DRIVER OFF
(See Reverse For Certification)

50687

BLOCH STEEL INDUSTRIES

Division of M. Bloch & Co. Inc.
4580 Colorado Ave. S. Seattle, WA 98134
206-763-0200

Weigh In:
01:04 pm 11/01/05
Truck ID: 1
Gross Wt: 62340 lb

Weigh Out:
01:27 pm
Truck ID: 1
Gross Wt: 62340 lb
Tare Wt: 31000 lb
Net Wt: 31340 lb

*70⁰⁰/₁₀₀ ADJUSTMENT
MAILED*

WEIGHER DN PRICE MAILED

LOAD OF D-8 CAT

FROM Bristol ENVIRO

TO _____

COMMENTS _____

DRIVER ON *[Signature]* DRIVER OFF _____

(See Reverse For Certification)

MANIFEST - MANIFESTE

This Manifest conforms to all Federal and Provincial transport and environmental legislation requiring manifesting.
Ce manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport, requérant un manifeste.

Manifest Reference No.
N° de référence du manifeste

2352850-8

A Consignor (Generator) Expéditeur (Producteur)		Provincial ID No. / N° d'id. provincial AKO 000 228 395	
Company name / Nom de l'entreprise USARMY USACE NORTHEAST CAPE			
Mailing address / Adresse postale City / Ville Province Postal code / Code postal P.O. Box 35066, Ft. Wainwright, AK 99703			
Shipping site address / Origine de l'expédition Kangukhsam TM 52.5 mi ESE of Savoonga			
City / Ville Savoonga		Province Postal code / Code postal AK 99769	
Intended consignee Destinataire prévu Columbia Ridge Landfill		Provincial ID No. / No d'id. provincial Oregon SWP 391	
Address / Adresse City / Ville Province Postal code / Code postal 18177 Cedar Springs Lane			
Receiving site address / Destination de l'expédition SAME			
City / Ville Arlington		Province Postal code / Code postal OR 97812	

B Carrier Transporteur		Provincial ID No. / N° d'id. provincial WAD 981 773 005	
Company name / Nom de l'entreprise Northland Services			
Address / Adresse 110 Prefontaine Pl. South, Suite 600			
City / Ville Seattle		Prov. Postal code / Code postal WA 98104	
Registration No. / N° d'immatriculation		Prov.	
Vehicle / Véhicule			
Trailer/Rail Car No. 1 1 ^{er} remorque - wagon			
Trailer/Rail Car No. 2 2 ^e remorque - wagon			
Point of entry Point d'entrée		Point of exit Point de sortie	
<i>Carrier Certification: I declare that I have received waste as offered by the consignor in Part A for delivery to the intended consignee and that the information contained in Part B is complete and correct. / Déclaration du transporteur: J'atteste avoir reçu les déchets offerts par l'expéditeur dans la partie A en vue de leur livraison au destinataire choisi et que les renseignements inscrits à la partie B sont exacts et complets.</i>			
Year / Année		Month / Mois	
Day / Jour		Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie)	
Signature		Tel. No. / N° de tél. ()	

C Consignee (Receiver) Destinataire (Réceptionnaire)		Provincial ID No. / N° d'id. provincial	
Reference nos. of other Manifest(s) used / N°s de références des autres manifestes utilisés			
Consignee information same as Intended Consignee in Part A L'information à fournir par le destinataire est la même qu'en A <input type="checkbox"/> Yes / Oui <input type="checkbox"/> No, complete the boxed area below Non, compléter la boîte ci-dessous			
Company name / Nom de l'entreprise			
Address / Adresse			
City / Ville		Province Postal code / Code postal	
Receiving site address / Destination de l'expédition			
City / Ville		Province Postal code / Code postal	
Date received / Date de réception Year / Année		Month / Mois	
Day / Jour		Time / Heure <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.	

Physical state État physique	Shipping name of waste Appellation réglementaire du déchet	Waste identification Identification du déchet		Quantity shipped Quantité expédiée	Units L or ou kg unités	Classification	Packing group Groupe d'emballage	Packaging Contenants	
		Provincial No. / N° (Quebec-Ontario only) (Quebec-Ontario seul)	TDGA/PIN LTMD/NIP					No.	Codes int.- ext.
S	Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls)		UN3077		kg	9	III	03	

Quantity received Quantité reçue	Units L or ou kg unités	Identify any shipment discrepancy problems. Attach addendum if necessary / Indiquer toute différence relative à l'expédition. Annexer une feuille au besoin.	Handling code Code de manutention	Decontamination Décontamination	
				Packaging Contenants	Vehicle Véhicule
Yes Oui	No Non	Yes Oui	No Non	Yes Oui	No Non

Special handling/Emergency instructions Manutention spéciale/instructions d'urgence		<input type="checkbox"/> Attached Ci-jointes	<input type="checkbox"/> Below Ci-dessous	Circulation no. - Quebec only N° de circulation - Réserve au Québec	
Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour		Time / Heure <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.		Scheduled arrival date / Date d'arrivée prévue Year / Année Month / Mois Day / Jour	

If handling code "Other" (specify) Si code de manutention "divers" spécifier		Provincial ID No. / N° d'id. provincial	
If waste to be transferred, specify intended company name / Si les déchets doivent être transférés, préciser le nom du destinataire		City / Ville	
Address / Adresse		Prov.	

Consignor Certification: I declare that the information contained in Part A is correct and complete.
Déclaration de l'expéditeur: Je déclare que tous les renseignements à la partie A sont vérifiées et complets.

Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie)	Signature	Tel. no. / N° de tél. ()
--	-----------	------------------------------

Consignee Certification: I declare that the information contained in Part C is correct and complete.
Déclaration du destinataire: Je déclare que tous les renseignements à la partie C sont vérifiées et complets.

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie)	Signature	Tel. no. / N° de tél. ()
---	-----------	------------------------------



Environment Environnement
Canada Canada

TRANSIT NOTICE PRÉAVIS DE TRANSIT

Notice Reference No.: - N° de référence du préavis :

T-10734

For transit of hazardous wastes through Canada pursuant
to subsection 185(1) and section 191 of the *Canadian Environmental Protection Act, 1999*

En vue du transit de déchets dangereux au Canada conformément
au paragraphe 185(1) et à l'article 191 de la *Loi canadienne sur la protection de l'environnement (1999)*

1 FOREIGN GENERATOR PRODUCTEUR ÉTRANGER		2 FOREIGN RECEIVER DESTINATAIRE ÉTRANGER							
ID No.: N° d'identification : AKO 000 228395		Licence or Permit No.: N° de licence ou de permis : ORD 089 452 353							
Name: USARMY USACE NORTHEAST CAPE Nom :		Name: CHEMICAL WASTE MANAGEMENT OF THE NW. Nom :							
Address: PO BOX 35066 Adresse: FT WAINWRIGHT, AK 99703-0066		Address: Adresse: 17629 CEDAR SPRINGS LANE ARLINGTON, OR 97812							
Shipping Site Address: Adresse du site d'envoi:		Receiving Site Address: Adresse du site de réception:							
Tel. No.: N° de tél.: () 907-353-7850		Tel. No.: N° de tél.: () 541-454-2030							
Fax. No.: N° de téléc.: () 907-353-7070		Fax. No.: N° de téléc.: () 541-454-3247							
3 CARRIER TRANSPORTEUR		4 SHIPPING DETAILS DÉTAILS SUR LES ENVOIS							
License or Permit No.: N° de licence ou de permis: WAD 981 773 005		4 Number of Transits: Nombre de transits: Two (2)							
Name: NORTHLAND SERVICES Nom :		5 Customs Offices Bureaux de douane							
Address: 110 PREFONTAINE Adresse: PLACE SOUTH SUITE 600 SEATTLE, WA 98104		Entry into Canada: DIXON ENTRANCE Entrée au Canada:							
Mode of Transport: Mode de transport:		Exit from Canada: STRAIT OF JUAN DE FUCA Sortie du Canada:							
<input type="checkbox"/> Road / Route <input type="checkbox"/> Rail / Rail <input checked="" type="checkbox"/> Marine / Mer <input type="checkbox"/> Air / Air		Others: Autres:							
If other carriers, attach a list. S'il y a d'autres transporteurs, annexez une liste.		6 First Transit Premier transit							
<input type="checkbox"/> Attached ci-joint		Departure: Départ:							
Tel. No.: N° de tél.: () 800-426-3113		Arrival: Arrivée:							
Fax. No.: N° de téléc.: () 206-767-5579		<table border="1"> <tr> <td>Y-A</td> <td>M</td> <td>D-J</td> </tr> <tr> <td>0 5</td> <td>0 7</td> <td>3 1</td> </tr> </table>		Y-A	M	D-J	0 5	0 7	3 1
Y-A	M	D-J							
0 5	0 7	3 1							
7 OTHER TRANSIT COUNTRY(IES) AUTRE(S) PAYS DE TRANSIT		Length of Stay: Durée du transit: TRANSITE ONLY							
Country: Pays: N/A		Attached ci-jointe <input type="checkbox"/>							

8 HAZARDOUS WASTE INFORMATION RENSEIGNEMENT SUR LES DÉCHETS DANGEREUX	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	International Waste Identification Code: Code international d'identification des déchets	ID No. set out in Schedule III; N° d'identification donné à l'annexe III:	TDGR PIN: NIP du RTMD:	Class Classe	Quantity of Each Waste: Quantité par déchets:	Packing Group: Groupe d'emballage:	Packaging Type: Type d'emballage:
1) Q16//D5//P10//C32//H0//A935	CR0101	UN2315	9	240,000 <input checked="" type="checkbox"/> Kg <input type="checkbox"/> L	III	03	
2) Q16//D13//S21//C18//H11//A935	CR1009	UN3077	9	400 <input checked="" type="checkbox"/> Kg <input type="checkbox"/> L	II	01	
3) Q16//D5//S40//C25//H0//A935	CR0102	UN2590	9	9,000 <input checked="" type="checkbox"/> Kg <input type="checkbox"/> L	III	04	
4)				<input type="checkbox"/> Kg			



Environment Environnement
Canada Canada

Patricia Curl
Bristol Environmental and Engineering
2000 W. International Airport Rd #C-1
Anchorage, Alaska
United States of America
99502-1116

12 July 2005 / 12 juillet 2005

TRANSIT PERMIT FOR HAZARDOUS WASTE

Issued Under Paragraph 185(1)(b)(ii) of the *Canadian Environmental Protection Act, 1999*

PERMIS DE TRANSIT POUR DÉCHETS DANGEREUX

Délivré en vertu du paragraphe 185(1)(b)(ii) de la *Loi canadienne sur la protection de l'environnement (1999)*

File Number / No. de dossier : 05/00024/TRS

This TRANSIT PERMIT is issued to Bristol Environmental and Engineering in accordance with s.185(1)(b)(ii) of the *Canadian Environmental Protection Act, 1999* (CEPA 1999) for the transit of the hazardous wastes described below from the United States of America through Canada on route to the United States of America.

Le présent PERMIS DE TRANSIT est délivré à Bristol Environmental and Engineering en vertu du paragraphe 185(1)(b)(ii) de la *Loi canadienne sur la protection de l'environnement (1999)* (LCPE (1999)) pour le transit des déchets dangereux décrits ci-après des Etats-Unis d'Amérique par le Canada à destination des Etats-Unis d'Amérique.

This TRANSIT PERMIT is valid for the period of 12 July 2005 to 11 July 2006.

Ce PERMIS DE TRANSIT est valide du 12 juillet 2005 au 11 juillet 2006.

Waste Description for 3 Hazardous Wastes / Description de déchet pour 3 déchets dangereux

- 1) Q16//D05//P10//C32//H0//A935
CEPA ID # / No. d'identité LCPE: CR0101
PIN # / No. NIP: UN2315 Packing Group / Groupe d'emballage: III
Class / Classe: 9 Notice # / No. de préavis: T10734 Qty / Qté: 240,000 kg
- 2) Q16//D13//S21//C18//H11//A935
CEPA ID # / No. d'identité LCPE: CR1009
PIN # / No. NIP: UN3077 Packing Group / Groupe d'emballage: II
Class / Classe: 9 Notice # / No. de préavis: T10734 Qty / Qté: 400 kg



3) Q16//D05//S40//C25//H0//A935
 CEPA ID # / No. d'identité LCPE: CR0102
 PIN # / No. NIP: UN2590 Packing Group / Groupe d'emballage: III
 Class / Classe: 9 Notice # / No. de préavis: T10734 Qty / Qté: 9,000 kg

From / De:

U.S. Army Usage Northeast Cape
 PO Box 35066
 Ft Wainwright, Alaska
 United States of America
 99703-0066

To / A:

Chemical Waste Management
 17629 Cedar Springs Lane
 Arlington, Oregon
 United States of America
 97812-979

1 Carrier / 1 Transporteur

Northland Services Inc.

2 Border Crossings / 2 Bureaux de douane

EN:Dixon Entrance (Marine Movements)

EX:Exit from the Strait of Juan de Fuca
 (Marine Movements)

Please take note that it is your responsibility to ensure that the requirements set out in the *Export and Import of Hazardous Wastes Regulations (EIHWR)* made pursuant to CEPA 1999 are complied with at the time of movement of the hazardous wastes described in this permit while it is transiting through Canada. This includes, but is not limited to, ensuring that the authorized carrier of the hazardous wastes described in this permit are insured in accordance with section 9 of the EIHWR. In the event that any of these insurance policies should expire or is cancelled during the period for which this TRANSIT PERMIT is issued, you must submit immediately to this office a copy of the insurance renewal or of the new policy or certificate of insurance.

Veillez noter qu'il vous incombe de vous assurer que vous respectez, lors du mouvement des déchets dangereux décrits dans ce permis transitant le Canada, les exigences établies dans le *Règlement sur l'exportation et l'importation des déchets dangereux (REIDD)* pris en vertu de la LCPE (1999). Ces exigences comprennent notamment l'obligation de vous assurer que le transporteur des déchets dangereux autorisé décrits dans ce permis, détiennent une police d'assurance conformément à l'article 9 du REIDD. Dans l'éventualité où ces polices d'assurance devaient arriver à échéance ou être annulées pendant la période pour laquelle ce PERMIS DE TRANSIT est valide, vous devez nous fournir immédiatement une copie du renouvellement de la police d'assurance ou du document certifiant qu'une nouvelle assurance a été contractée.

It is your responsibility to ensure that you are in compliance with all other applicable laws.

Vous devez vous assurer de respecter toutes les autres lois applicables.

The transit of hazardous wastes, in violation of CEPA 1999 or the EIIHR, may be prosecuted as offences under section 272 or 273 of CEPA 1999.

Tout transit des déchets dangereux qui contrevient à la LCPE (1999) ou au REIDD peut entraîner une poursuite pénale en vertu de l'article 272 ou 273 de la LCPE (1999).

Signed for and on behalf of the Minister of the Environment /
Signé au nom du ministre de l'Environnement



France Jacovella, ing. P.Eng.
Director / Directrice

Transboundary Movement Branch / Direction des mouvements transfrontaliers
Pollution Prevention Directorate / Direction générale de la prévention de la pollution
Environment Canada / Environnement Canada

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

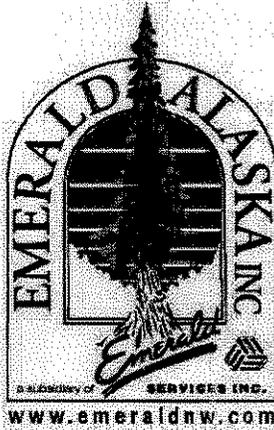
NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. A K 0 0 0 0 2 2 8 3 9 5		Manifest Document No. 0 4 0 0 7	2. Page 1 of 1
3. Generator's Name and Mailing Address US ARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066					
4. Generator's Phone (907) 353-7850					
5. Transporter 1 Company Name EMERALD SERVICES, INC.		6. US EPA ID Number W A D 0 5 8 3 6 4 6 4 7		A. State Transporter's ID	
				B. Transporter 1 Phone (206) 832-3000	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID	
				D. Transporter 2 Phone	
9. Designated Facility Name and Site Address EMERALD ALASKA, INC. 2020 VIKING DRIVE ANCHORAGE, AK 99501		10. US EPA ID Number A K R 0 0 0 0 0 4 1 8 4		E. State Facility's ID	
				F. Facility's Phone (907) 258-1558	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit
a. MATERIAL NOT REGULATED BY D.O.T.			No. Type		
			1 DM	55	G
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above a) AK02907-B USED OIL			H. Handling Codes for Wastes Listed Above a) H05Q		
15. Special Handling Instructions and Additional Information I hereby certify to the best of my knowledge that this oil is refined from crude oil, used, and as a result of such use is contaminated by physical or chemical impurities that resulted only from processes that can be attributed to used oil operations. In addition, I hereby certify that this oil has not been mixed with any hazardous waste regulated under 40CFRPart261 or 40CFRPart761 or 40CFR279.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <i>M. Sells</i>		Signature <i>M. Sells</i>		Date 1/12/06	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Roger Richardson</i>		Date 1/12/06	
Printed/Typed Name		Signature		Date	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <i>Roger Richardson</i>		Signature <i>Roger Richardson</i>		Date 1/12/06	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY



Emerald Alaska Inc
800 East Ship Creek
Anchorage, AK 99501
(907) 258-1558 fax (907) 258-3049
www.emeraldnw.com

Certificate of Disposal / Recycle

Generator: US ARMY USACE NORTHEAST CAPE
PO BOX 35066
FT. WAINWRIGHT, AK 99703-0066

BRISTOL ENVIRONMENTAL & ENGINEERING SERVICES
111 W. 16th AVENUE, SUITE 301
ANCHORAGE, AK 99501

Manifest: 04007

EPA ID No.: AK0000228395

Date of Disposal / Recycle: 1/12/06

Line Item	Description	Profile Number	Quantity
1A	USED OIL (Used oil for fuel blending)	AK02907-B	50 Gal

Roxanne Pedersen

Roxanne Pedersen, Client Services Manager

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395 xK		Manifest Document No. NE001	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental	
4. Generator's Phone (907) 353-7850					
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 987 173 457		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
				E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT			No. 01	Type CM	31,740
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Conex PWS 8028 Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300.					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
USACE / OAR ON BEHALF OF USACE / OAR					
Printed/Typed Name STEVE A. "SAM" MILLS			Signature <i>S.A. Mills</i>		Date 8/01/05
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>James R. Conner</i>			Signature <i>[Signature]</i>		Date 8/1/05
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>Christina Wecht</i>			Signature <i>[Signature]</i>		Date 8/1/05
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Angela Timmerman			Signature <i>Angela Timmerman</i>		Date 9/13/05

NON-HAZARDOUS WASTE GENERATOR

GENERATOR FACILITY	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE001	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number		
	24. Transporter <u>3</u> Company Name West Coast Trucking				25. US EPA ID Number WAH 000 016 683		M. State Generator's ID
	26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.				27. US EPA ID Number NED 001 792 910		N. State Transporter's ID
					28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		O. Transporter's Phone 206-903-8300
				29. Containers		P. State Transporter's ID	
				No.	Type	Q. Transporter's Phone 402-271-4400	
				30. Total Quantity			
				31. Unit Wt/Vol			
				R. Waste No.			
a.							
b.							
c.							
d.							
e.							
f.							
g.							
h.							
i.							
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information							
33. Transporter <u>3</u> Acknowledgement of Receipt of Materials							
Printed/Typed Name L. S. M. H. K.				Signature <i>[Signature]</i>		Date 9 15 05	
34. Transporter <u>4</u> Acknowledgement of Receipt of Materials							
Printed/Typed Name ANATOLIV				Signature <i>[Signature]</i>		Date 10 02 05	
35. Discrepancy Indication Space							



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No: AK0 000 228 395	Manifest Document No: NE001	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.	
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number	
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill			25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID
26. Transporter _____ Company Name			27. US EPA ID Number		O. Transporter's Phone 541-454-2030
					P. State Transporter's ID
					Q. Transporter's Phone
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			29. Containers		30. Total Quantity
			No.	Type	
a. <input type="checkbox"/> <small>HM</small>					
b.					
c.					
d.					
e.					
f.					
g.					
h.					
i.					
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information					
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials				Date
	Printed/Typed Name Carmela Hughes		Signature <i>Carmela Hughes</i>		Month Day Year 09/23/05
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials				Date
	Printed/Typed Name		Signature		Month Day Year
35. Discrepancy Indication Space					





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 15, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 13, 2005
Manifest #: NE001
Profile #: 2321VC
Pounds Disposed: 30460 lbs.
Waste Type: Concrete w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads "Angela Timmerman".

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

WM Columbia Ridge Landfill
 18177 Cedar Springs Lane
 Arlington, OR 97812
 (541)-454-2030

058913

TICKET: 292470
 DATE: 09/15/2005
 TIME: 10:13 - 10:13
 LOAD DATE: 09/12/2005
 TIP DATE: 09/13/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
 PROFILE: 2321VC / BRISTOL ENV/ US A
 TRUCK: 593058 TRAILER: PNWS8028
 ORIGIN: SAV / SAVOOGNA CONTAINER: 8028
 COMMENT:

F.O.: 593058
 GROSS: 74000 LBS
 TARE: 43540 LBS
 NET: 30460 LBS
 MANIFEST: NE001

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST	1.00	U
SPWCM / SPECIAL WASTE COMINGLE (SPF	15.23	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: IN: ANGELA TIMMERMAN B: ORARLI01PC

Weighmaster: OUT: ANGELA TIMMERMAN B: ORARLI01PC

WM
 WASTE MANAGEMENT
 Oregon Waste Systems
 A Waste Management Company
 18177 Cedar Springs Lane
 Arlington, Oregon 97812
 (541) 454-2030

No: 593058

DATE/TIME: 9-13-05
 LOAD DATE:
 CUSTOMER: Bristol / USACE
 PROFILE NUMBER: 2321VC
 TRUCK NUMBER: 350
 TRAILER/CONTAINER NUMBER: PNWS 8028
 SEAL NUMBER:
 CUSTOMER INVOICE NO.: NE001

GROSS WEIGHT: 74000
 TARE WEIGHT-TRACTOR:
 TARE WGT.-TRAILER/CONTAINER: 43540
 NET WEIGHT: 30460

GATEHOUSE: DM
 DRIVER: Jim
 TRAIN ID: W0211 ORIGIN: OR (P)
 WASTE TYPE: Concrete w/ PEB's
 DISPOSAL: CM DC BU GRID SEGREGATE
 REMARKS:
 HAULER:

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE002		2. Page 1 of 3	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental			
4. Generator's Phone (907) 353-7850							
5. Transporter 1 Company Name NORHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID			
7. Transporter 2 Company Name NORHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113			
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 987 173 457		C. State Transporter's ID			
				D. Transporter 2 Phone 800-426-3113			
				E. State Facility's ID			
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	14. Unit Wt./Vol.
				No.		Type	
a. Material not regulated by DOT				01		CH	31,820
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300.							
Conex # PWS 8077							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name STEVE A. "SAM" MILLS				Signature <i>Steve A. Mills</i>		Date 8/01/05	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name <i>[Signature]</i>				Signature <i>[Signature]</i>		Date 8/01/05	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name				Signature		Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Angela Timmerman				Signature <i>Angela Timmerman</i>		Date 9/13/05	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE002	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number		
24. Transporter <u>3</u> Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID		
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.		27. US EPA ID Number NEB 001 792 910		O. Transporter's Phone 206-903-8300		
				P. State Transporter's ID		
				Q. Transporter's Phone 402-271-4400		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u>3</u> Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name <i>Jeffrey Waskiewicz</i>		Signature <i>[Signature]</i>		Month Day Year <i>9/9/05</i>	
FACILITY	34. Transporter <u>4</u> Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name <i>[Name]</i>		Signature <i>[Signature]</i>		Month Day Year <i>11/15</i>	
35. Discrepancy Indication Space						



GENERATOR FACILITY	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE002	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number			
					M. State Generator's ID			
	24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID			
	26. Transporter _____ Company Name		27. US EPA ID Number		O. Transporter's Phone 541-454-2030			
					P. State Transporter's ID			
					Q. Transporter's Phone			
	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers		30. Total Quantity	31. Unit Wt/Vol
					No.	Type		R. Waste No.
	a.							
b.								
c.								
d.								
e.								
f.								
g.								
h.								
i.								
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information								
33. Transporter <u>5</u> Acknowledgement of Receipt of Materials						Date		
Printed/Typed Name <i>Carmela Hughes</i>		Signature <i>Carmela Hughes</i>				Month Day Year <i>09/13/05</i>		
34. Transporter _____ Acknowledgement of Receipt of Materials						Date		
Printed/Typed Name		Signature				Month Day Year		
35. Discrepancy Indication Space								





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 15, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 13, 2005
Manifest #: NE002
Profile #: 2321VC
Pounds Disposed: 31820 lbs.
Waste Type: Concrete w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

Angela Timmerman

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

058914

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 282471
DATE: 09/15/2005
TIME: 10:14 - 10:14
LOAD DATE: 09/12/2005
TIP DATE: 09/13/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2321VC / BRISTOL ENV/ US A
TRUCK: 593059
ORIGIN: SAV / SAVOOGNA
COMMENT:

TRAILER: PNWS8077
CONTAINER: 8077

F.O.: 593059
GROSS: 75960 LBS
TARE: 44140 LBS
NET: 31820 LBS
MANIFEST: NEG02

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST	1.00	U
SPWCM / SPECIAL WASTE COMINGLE (SPP	15.91	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: IN: ANGELA TIMMERMAN B: ORARLI01PC

Weighmaster: OUT: ANGELA TIMMERMAN B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030



No: 593059

DATE/TIME: 10:11AM 09/13/2005
LOAD DATE:
CUSTOMER: Bristol / USACE
PROFILE NUMBER: 2321VC
TRUCK NUMBER: 96-05
TRAILER/CONTAINER NUMBER: PNWS 8077
SEAL NUMBER:
CUSTOMER INVOICE NO.: NEG02

GROSS WEIGHT: 75960 lb
TARE WEIGHT-TRACTOR: 44140
TARE WGT.-TRAILER/CONTAINER: 31820
NET WEIGHT:

GATEHOUSE:
DRIVER: CAJ
TRAIN ID: Neg 11 ORIGIN: OR 95
WASTE TYPE: concrete w/ PCB's
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS:

HAULER:

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE003	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				
4. Generator's Phone (907) 353-7850		c/o Bristol Environmental		
5. Transporter 1 Company Name NORTHLAND SERVICES	6. US EPA ID Number WAD 981 773 005	A. State Transporter's ID		
7. Transporter 2 Company Name NORTHLAND SERVICES	8. US EPA ID Number WAD 981 773 005	B. Transporter 1 Phone 800-426-3113		
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		C. State Transporter's ID		
10. US EPA ID Number ORD 987 173 457		D. Transporter 2 Phone 800-426-3113		
		E. State Facility's ID		
		F. Facility's Phone 541-454-2030		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT		No. 01	Type CM	30,440
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300. Conex # PNWS 8005				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name LESLIE / OAR ON BEHALF OF USACE/POA		Signature <i>[Signature]</i>	Date 8/01/05	
17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>	Date 8/12/05	
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>	Date 8/15/05	
19. Discrepancy Indication Space				
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.				
Printed/Typed Name Angela Timmerman		Signature <i>[Signature]</i>	Date 9/15/05	

NON-HAZARDOUS WASTE GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE003	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number		
24. Transporter 3 Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683	N. State Transporter's ID			
26. Transporter 4 Company Name Union Pacific Railroad Co.		27. US EPA ID Number NED 001 792 910	O. Transporter's Phone 206-903-8300			
			P. State Transporter's ID			
			Q. Transporter's Phone 402-271-4400			
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u> </u> Acknowledgement of Receipt of Materials				Date	
	Printed/Typed Name		Signature		Month Day Year	
FACTORY	34. Transporter <u> </u> Acknowledgement of Receipt of Materials				Date	
	Printed/Typed Name		Signature		Month Day Year	
35. Discrepancy Indication Space						



GENERATOR FACILITY	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE003	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number			
					M. State Generator's ID			
	24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID			
	26. Transporter <u> </u> Company Name		27. US EPA ID Number		O. Transporter's Phone 541-454-2030			
					P. State Transporter's ID			
					Q. Transporter's Phone			
	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers	30. Total Quantity	31. Unit Wt/Vol	F. Waste No.
					No.	Type		
	a.							
b.								
c.								
d.								
e.								
f.								
g.								
h.								
i.								
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information								
33. Transporter <u>3</u> Acknowledgement of Receipt of Materials					Date			
Printed/Typed Name <i>Cynthia Cross</i>				Signature <i>Cynthia Cross</i>		Month Day Year <i>9/12/05</i>		
34. Transporter <u>5</u> Acknowledgement of Receipt of Materials					Date			
Printed/Typed Name <i>Donna Hansford</i>				Signature <i>Donna Hansford</i>		Month Day Year <i>09/15/05</i>		
35. Discrepancy Indication Space								





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE003
Profile #: 2321VC
Pounds Disposed: 30800 lbs.
Waste Type: Concrete With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads "Julie Valdez".

Julie Valdez
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

059005

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 282917
DATE: 09/16/2005
TIME: 13:40 - 13:50
LOAD DATE: 09/14/2005
TIP DATE: 09/15/2005

CUSTOMER: BRISTOL ENVIRONMENTAL

PROFILE: 2321VC / BRISTOL ENV / US A

TRUCK: 593152

TRAILER: FNVW8005

ORIGIN: SAV / SAVOOGNA

CONTAINER: 8005

COMMENT:

P.O.: 593152

GROSS: 74120 LBS

TARE: 43320 LBS

NET: 30800 LBS

MANIFEST: NE003

WASTE	NET/TONS	UNIT
SPWCM / SPECIAL WASTE COMINGLE (SPP	15.40	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U
TRANSUSPW / TRANS BY UNIT SPW (BT	1.00	U

Driver:

IN: ANGELA TIMMERMAN

E: GRARLI01PC

Weighmaster:

OUT: ANGELA TIMMERMAN

E: GRARLI01PC

Oregon Waste Systems
A Waste Management Company

18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030

SEP 15 PM 12:40

No 593152

DATE/TIME: _____

LOAD DATE: _____

CUSTOMER: Bristol / usace

PROFILE NUMBER: 2321VC

TRUCK NUMBER: 9605

TRAILER/CONTAINER NUMBER: FNVW 8005

SEAL NUMBER: _____

CUSTOMER INVOICE NO.: NE 003

GROSS WEIGHT: 74120

TARE WEIGHT-TRACTOR: _____

TARE WGT.-TRAILER/CONTAINER: 43320

NET WEIGHT: 30800

GATEHOUSE: _____

DRIVER: AK

TRAIN ID: usace 13 ORIGIN: OR 851

WASTE TYPE: Concrete with PCBs

DISPOSAL: (CM) DC BU GRID SEGREGATE

REMARKS: _____

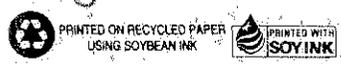
HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE004		2. Page 1 of 3		
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066								
4. Generator's Phone (907) 353-7850				c/o Bristol Environmental				
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID				
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113				
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 987 173 457		C. State Transporter's ID				
				D. Transporter 2 Phone 800-426-3113				
				E. State Facility's ID				
				F. Facility's Phone 541-454-2030				
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity		
				No.	Type			
a. Material not regulated by DOT				01	CM	31,190	P	
b.								
c.								
d.								
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile # 2321VC				H. Handling Codes for Wastes Listed Above				
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CEENTREC at 800-424-9300.								
Conex# PNWS 8005								
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.								
USACE/OAR ON BEHALF OF USACE/POD						Date		
Printed/Typed Name STEVE A. "SAM" MILLS		Signature <i>S.A. Mills</i>				Month 8	Day 01	Year 05
17. Transporter 1 Acknowledgement of Receipt of Materials						Date		
Printed/Typed Name <i>Steve C. Conner</i>		Signature <i>[Signature]</i>				Month 8	Day 02	Year 05
18. Transporter 2 Acknowledgement of Receipt of Materials						Date		
Printed/Typed Name <i>Steve C. Conner</i>		Signature <i>[Signature]</i>				Month 8	Day 02	Year 05
19. Discrepancy Indication Space								
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.								
Printed/Typed Name Angela Timmerman				Signature <i>Angela Timmerman</i>		Date		
						Month 9	Day 15	Year 05

NON-HAZARDOUS WASTE GENERATOR



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE004		22. Page 2 of 3		Information in the shaded areas is not required by Federal law.					
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066						L. State Manifest Document Number					
24. Transporter <u>3</u> Company Name West Coast Trucking						25. US EPA ID Number WAH 000 016 683		M. State Generator's ID					
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.						27. US EPA ID Number NED 001 792 910		N. State Transporter's ID					
								O. Transporter's Phone 206-903-8300					
								P. State Transporter's ID					
								Q. Transporter's Phone 402-271-4400					
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						29. Containers		30. Total		31. Unit		R. Waste No.	
						No.		Type		Quantity		Wt/Vol	
a.													
b.													
c.													
d.													
e.													
f.													
g.													
h.													
i.													
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above							
32. Special Handling Instructions and Additional Information													
33. Transporter <u>3</u> Acknowledgement of Receipt of Materials													
Printed/Typed Name						Signature			Date				
<i>[Signature]</i>						<i>[Signature]</i>			7/1/03				
34. Transporter <u>4</u> Acknowledgement of Receipt of Materials													
Printed/Typed Name						Signature			Date				
ANATOLIY						<i>[Signature]</i>			03/12/05				
35. Discrepancy Indication Space													

GENERATOR FACILITY TRANSPORTER



GENERATOR FACILITY	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. HE004	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.				
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066					L. State Manifest Document Number				
						M. State Generator's ID				
	24. Transporter <u>5</u> Company Name Columbia Ridge Landfill			25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID				
	26. Transporter _____ Company Name			27. US EPA ID Number		O. Transporter's Phone 541-454-2030				
						P. State Transporter's ID				
						Q. Transporter's Phone				
	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
						No.	Type			
	a.									
b.										
c.										
d.										
e.										
f.										
g.										
h.										
i.										
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above					
S.					T.					
32. Special Handling Instructions and Additional Information										
32.										
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials								Date	
	Printed/Typed Name Carmela Hughes				Signature <i>Carmela Hughes</i>				Month Day Year 09/15/94	
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials								Date	
	Printed/Typed Name				Signature				Month Day Year	
35. Discrepancy Indication Space										



**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE004
Profile #: 2321VC
Pounds Disposed: 32760 lbs.
Waste Type: Concrete w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads "Angela Timmerman".

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

058987

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 262785
DATE: 09/16/2005
TIME: 09:35 - 09:35
LOAD DATE: 09/14/2005
TIP DATE: 09/15/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2321VC / BRISTOL ENV/ US A
TRUCK: 593153
ORIGIN: SAV / SAVOOGNA
COMMENT:

TRAILER: PNWS8006
CONTAINER: 8006

F.O.: 593153
GROSS: 74920 LBS
TARE: 42160 LBS
NET: 32760 LBS
MANIFEST: NE004

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST)	1.00	U
SPWCM / SPECIAL WASTE COMINGLE (SPP)	16.38	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: ANGELA TIMMERMAN
IN: ANGELA TIMMERMAN B: ORARLI01PC

Weighmaster: ANGELA TIMMERMAN
OUT: ANGELA TIMMERMAN B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030



No 593153

07:30AM 09/15/2005

DATE/TIME: _____
LOAD DATE: _____
CUSTOMER: Bristol/usace
PROFILE NUMBER: 2321VC
TRUCK NUMBER: 916-05
TRAILER/CONTAINER NUMBER: PNWS 8006
SEAL NUMBER: _____
CUSTOMER INVOICE NO: NE004

GROSS WEIGHT: 74920 lb
TARE WEIGHT-TRACTOR: 42160
TARE WGT. TRAILER/CONTAINER: _____
NET WEIGHT: 32760

GATEHOUSE: CM
DRIVER: JIM
TRAIN ID: USEG113 ORIGIN: OR951
WASTE TYPE: Concrete with PCBs
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS: _____

HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE005	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				
4. Generator's Phone (907) 353-7850		c/o Bristol Environmental		
5. Transporter 1 Company Name NORTELAND SERVICES	6. US EPA ID Number WAD 981 773 005	A. State Transporter's ID		
7. Transporter 2 Company Name NORTELAND SERVICES	8. US EPA ID Number WAD 981 773 005	B. Transporter 1 Phone 800-426-3113		
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		C. State Transporter's ID		
10. US EPA ID Number ORD 987 173 457		D. Transporter 2 Phone 800-426-3113		
		E. State Facility's ID		
		F. Facility's Phone 541-454-2030		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT		No. 01	Type CM	31,960
b.				P
c.				
d.				
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile # 2321VC		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTEC at 800-424-9300. Conex# PNWS8027				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name STEVE A. "SIM" MILLS		Signature <i>S.A. Mills</i>		Date 8/10/05
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Steve Glasma		Signature <i>Steve Glasma</i>		Date 8/14/05
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name Marken Tainboth for ID		Signature <i>Marken Tainboth</i>		Date 8/15/05
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name Angela Timmerman		Signature <i>Angela Timmerman</i>		Date 9/15/05

NON-HAZARDOUS WASTE

TRANSPORTER FACILITY



GENERATOR FACILITY	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE005	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.			
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066					L. State Manifest Document Number			
	24. Transporter 3 Company Name West Coast Trucking					25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID	
	26. Transporter 4 Company Name Union Pacific Railroad Co.					27. US EPA ID Number RED 001 792 910		O. Transporter's Phone 206-903-8300	
						P. State Transporter's ID		Q. Transporter's Phone 402-271-4400	
	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					29. Containers		30. Total Quantity	31. Unit Wt/Vol
					No.	Type			
a.									
b.									
c.									
d.									
e.									
f.									
g.									
h.									
i.									
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above				
32. Special Handling Instructions and Additional Information									
33. Transporter Acknowledgement of Receipt of Materials					Date				
Printed/Typed Name					Signature			Month Day Year	
34. Transporter Acknowledgement of Receipt of Materials					Date				
Printed/Typed Name					Signature			Month Day Year	
35. Discrepancy Indication Space									



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE005	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.	
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number	
	24. Transporter <u>5</u> Company Name Columbia Ridge Landfill			25. US EPA ID Number ORD 987 173 457	
	26. Transporter _____ Company Name			27. US EPA ID Number	
				N. State Transporter's ID	
				O. Transporter's Phone 541-454-2030	
			P. State Transporter's ID		
			Q. Transporter's Phone		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers	30. Total Quantity	31. Unit W/Vol	R. Waste No.
		No.	Type		
a. <input type="checkbox"/> HM					
b.					
c.					
d.					
e.					
f.					
g.					
h.					
i.					
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information					
33. Transporter <u>5</u> Acknowledgement of Receipt of Materials					
Printed/Typed Name Carmela Hughes		Signature <i>Carmela Hughes</i>		Date 09/15/05	
34. Transporter _____ Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
35. Discrepancy Indication Space					

GENERATOR

TRANSPORTER

FACILITY





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE005
Profile #: 2321VC
Pounds Disposed: 31700 lbs.
Waste Type: Concrete w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

Angela Timmerman

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

058988

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 282786
DATE: 09/16/2005
TIME: 09:36 - 09:36
LOAD DATE: 09/14/2005
TIP DATE: 09/15/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2321VC / BRISTOL ENV / US A
TRUCK: 593154
ORIGIN: SAV / SAVCOGNA
COMMENT:

TRAILER: PNWSS027
CONTAINER: 8027

P.O.: 593154
GROSS: 74900 LBS
TARE: 43200 LBS
NET: 31700 LBS
MANIFEST: NE005

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST	1.00	U
SPWCM / SPECIAL WASTE COMINGLE (SPP	15.85	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: ANGELA TIMMERMAN
IN: ANGELA TIMMERMAN E: ORARLI01PC

Weighmaster: ANGELA TIMMERMAN
OUT: ANGELA TIMMERMAN E: ORARLI01PC

Oregon Waste Systems
A Waste Management Company

18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030

No 593154

DATE/TIME: _____
LOAD DATE: _____
CUSTOMER: Bristol/USACE
PROFILE NUMBER: 2321VC
TRUCK NUMBER: _____
TRAILER/CONTAINER NUMBER: PNWS 8027
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE005

GROSS WEIGHT: 74900
TARE WEIGHT-TRACTOR: 43200
TARE WGT.-TRAILER/CONTAINER: _____
NET WEIGHT: 31700

GATEHOUSE: _____
DRIVER: AT
TRAIN ID: USEGL13 ORIGIN: 0X951
WASTE TYPE: Concrete with PCB's
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS: _____
HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE006	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066		c/o Bristol Environmental		
4. Generator's Phone (907) 353-7850				
5. Transporter 1 Company Name NORTHLAND SERVICES	6. US EPA ID Number WAD 981 773 005	A. State Transporter's ID		
		B. Transporter 1 Phone 800-426-3113		
7. Transporter 2 Company Name NORTHLAND SERVICES	8. US EPA ID Number WAD 981 773 005	C. State Transporter's ID		
		D. Transporter 2 Phone 800-426-3113		
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 987 173 457	E. State Facility's ID	
		F. Facility's Phone 541-454-2030		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT		No. 01 Type CH	32,880	P
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300. Conex/ PWS 8133				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
USACE / QAR ON BEHALF OF USACE / POI				
Printed/Typed Name STEVE A. "SAM" MILLS		Signature <i>S.A. Mills</i>	Date 8/10/05	
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name <i>Steve Glasman</i>		Signature <i>Steve Glasman</i>	Date 8/9/05	
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name <i>Travis Johnson</i>		Signature <i>Travis Johnson</i>	Date 8/13/05	
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name Angela Timmerman		Signature <i>Angela Timmerman</i>	Date 9/15/05	

NON-HAZARDOUS WASTE

GENERATOR
TRANSPORTER
FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE006	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.								
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number								
24. Transporter <u>3</u> Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID								
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.		27. US EPA ID Number NE0 001 792 910		O. Transporter's Phone 206-903-8300								
				P. State Transporter's ID								
				Q. Transporter's Phone 402-271-4400								
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.		
				No. Type								
a.												
b.												
c.												
d.												
e.												
f.												
g.												
h.												
i.												
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above						
32. Special Handling Instructions and Additional Information												
TRANSPORTER	33. Transporter <u>3</u> Acknowledgement of Receipt of Materials								Date			
	Printed/Typed Name Yakovlev				Signature <i>[Signature]</i>				Month Day Year 09 13 05			
FACILITY	34. Transporter <u>4</u> Acknowledgement of Receipt of Materials								Date			
	Printed/Typed Name NE DOT				Signature <i>[Signature]</i>				Month Day Year 13 13 05			
35. Discrepancy Indication Space												



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE006	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number		
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill			25. US EPA ID Number ORD 987 173 457			
26. Transporter _____ Company Name			27. US EPA ID Number			
			N. State Transporter's ID			
			O. Transporter's Phone 541-454-2030			
			P. State Transporter's ID			
			Q. Transporter's Phone			
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials				Date	
	Printed/Typed Name <i>Carmela Hughes</i>			Signature <i>Carmela Hughes</i>		Month Day Year <i>01/15/15</i>
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials				Date	
	Printed/Typed Name			Signature		Month Day Year
35. Discrepancy Indication Space						





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE006
Profile #: 2321VC
Pounds Disposed: 32700 lbs.
Waste Type: Concrete With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads "Julie Valdez".

Julie Valdez
Special Waste Billing Department

From everyday collection to environmental protection, Think Green.® Think Waste Management.

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AK0 000 228 395		Manifest Document No. NE007	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental	
4. Generator's Phone (907) 353-7850					
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97912		10. US EPA ID Number GRD 987 173 457		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
				E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT			No. 01	Type CM	31,730
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300. Conex# PNWS 8113					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name STEVE A. "SM" MILLS			Signature <i>S. A. Mills</i>		Date 8/01/05
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>Steve Glasman</i>			Signature <i>Steve Glasman</i>		Date 8/4/05
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>Doreen Faircloth</i>			Signature <i>Doreen Faircloth</i>		Date 8/15/05
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Angela Timmerman			Signature <i>Angela Timmerman</i>		Date 9/15/05

NON-HAZARDOUS WASTE

GENERATOR
TRANSPORTER
FACILITY



GENERATOR FACILITY	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE007	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number		
					M. State Generator's ID		
	24. Transporter <u>3</u> Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID		
					O. Transporter's Phone 206-903-8300		
	26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.		27. US EPA ID Number NED 001 792 910		P. State Transporter's ID		
				Q. Transporter's Phone 402-271-4400			
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.	
		No.	Type				
a.							
b.							
c.							
d.							
e.							
f.							
g.							
h.							
i.							
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information							
33. Transporter <u>3</u> Acknowledgement of Receipt of Materials				Printed/Typed Name Yakovlev, L. K.		Signature <i>[Signature]</i>	
						Date 09/13/05	
34. Transporter <u>4</u> Acknowledgement of Receipt of Materials				Printed/Typed Name [Name]		Signature <i>[Signature]</i>	
						Date 9/13/05	
35. Discrepancy Indication Space							



GENERATOR	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE007	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066					L. State Manifest Document Number		
						M. State Generator's ID		
	24. Transporter <u>5</u> Company Name Columbia Ridge Landfill			25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID		
	26. Transporter _____ Company Name			27. US EPA ID Number		O. Transporter's Phone 541-454-2030		
						P. State Transporter's ID		
						Q. Transporter's Phone		
TRANSPORTER	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers	30. Total	31. Unit	R. Waste No.
					No.	Quantity	Wt/Vol	
	a.							
	b.							
	c.							
	d.							
	e.							
	f.							
	g.							
	h.							
i.								
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information								
FACILITY	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials					Date		
	Printed/Typed Name <i>Carmela Hughes</i>				Signature <i>Carmela Hughes</i>		Month Day Year <i>09/15/05</i>	
	34. Transporter _____ Acknowledgement of Receipt of Materials					Date		
Printed/Typed Name				Signature		Month Day Year		
35. Discrepancy Indication Space								



**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE007
Profile #: 2321VC
Pounds Disposed: 31560 lbs.
Waste Type: Concrete With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

Julie Valdez
Julie Valdez
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

059007

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 262924
DATE: 09/16/2005
TIME: 13:52 - 13:52
LOAD DATE: 09/14/2005
TIP DATE: 09/15/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2321VC / BRISTOL ENV/ US A
TRUCK: 593156 TRAILER: PNWS8113
ORIGIN: SAV / SAVOOGNA CONTAINER: 8113
COMMENT:

P.O.: 593156
GROSS: 73740 LBS
TARE: 42180 LBS
NET: 31560 LBS
MANIFEST: NE007

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST)	1.00	U
SPWCM / SPECIAL WASTE COMINGLE (SPP)	15.78	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: IN: ANGELA TIMMERMAN B: ORARLI01PC

Weighmaster: OUT: ANGELA TIMMERMAN B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company

18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030



No 593156

02:00PM 09/15/2005

DATE/TIME: _____
LOAD DATE: _____
CUSTOMER: Bristol/usace
PROFILE NUMBER: 2321VC
TRUCK NUMBER: 96-05
TRAILER/CONTAINER NUMBER: PNWS 8113
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE007

GROSS WEIGHT: 73740 lb
TARE WEIGHT-TRACTOR: _____
TARE WGT.-TRAILER/CONTAINER: 42180
NET WEIGHT: 31560

GATEHOUSE: Cam
DRIVER: jam
TRAIN ID: USEGL 13 ORIGIN: 0X951
WASTE TYPE: Concrete with PCB's
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS: _____

HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AK0 000 228 395		Manifest Document No. NE008	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental	
4. Generator's Phone (907) 353-7850					
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 987 173 457		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
				E. State Facility's ID	
11. WASTE DESCRIPTION				F. Facility's Phone 541-454-2030	
				12. Containers	
a.		b.		c.	
X Material not regulated by DOT		01 CM		30,190 P	
b.		c.		d.	
c.		d.			
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC				H. Handling Codes for Wastes Listed Above:	
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMPREC at 800-424-9300. <p style="text-align: right;">Conex# PNWS 8141</p>					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name STEVE A. "JAM" MILLS		Signature <i>S. A. Mills</i>		Date 8/01/05	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
		<i>[Signature]</i>		8/22/05	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
		<i>[Signature]</i>		8/15/05	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Angela Timmerman		Signature <i>Angela Timmerman</i>		Date 9/15/05	

NON-HAZARDOUS WASTE GENERATOR



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AK0 000 22* 395	Manifest Document No. NE008	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 PT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number	
24. Transporter 3 Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683	N. State Transporter's ID		
26. Transporter 4 Company Name Union Pacific Railroad Co.		27. US EPA ID Number NED 001 792 910	O. Transporter's Phone 206-903-8300		
			P. State Transporter's ID		
			Q. Transporter's Phone 402-271-4400		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.			
		Type			
a.					
b.					
c.					
d.					
e.					
f.					
g.					
h.					
i.					
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information					
33. Transporter 3 Acknowledgement of Receipt of Materials		Printed/Typed Name LIT SATLAC		Signature <i>[Signature]</i>	Date 7/1/15
34. Transporter 3 Acknowledgement of Receipt of Materials		Printed/Typed Name ANATOLY		Signature <i>[Signature]</i>	Date 7/1/15
35. Discrepancy Indication Space					

GENERATOR COPY



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE003	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number		
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457	M. State Generator's ID			
26. Transporter _____ Company Name		27. US EPA ID Number	N. State Transporter's ID			
			O. Transporter's Phone 541-454-2030			
			P. State Transporter's ID			
			Q. Transporter's Phone			
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials					Date
	Printed/Typed Name Carmela Hughes		Signature <i>Carmela Hughes</i>		Month Day Year 09/15/05	
FAULTY	34. Transporter _____ Acknowledgement of Receipt of Materials					Date
	Printed/Typed Name		Signature		Month Day Year	
35. Discrepancy Indication Space						





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE008
Profile #: 2321VC
Pounds Disposed: 31060 lbs.
Waste Type: Concrete w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

Angela Timmerman

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.



Oregon Waste Systems
A Waste Management Company

18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030

No 593158

DATE/TIME: 03:06AM 09/15/2005
LOAD DATE: _____
CUSTOMER: Bristol/USACE
PROFILE NUMBER: 2321VC
TRUCK NUMBER: 96-05
TRAILER/CONTAINER NUMBER: PNWS 8141
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE008

GROSS WEIGHT: 73040 lb
TARE WEIGHT-TRACTOR: 41980
TARE WGT.-TRAILER/CONTAINER: 31060
NET WEIGHT: _____

GATEHOUSE: Car
DRIVER: JM
TRAIN ID: 4USEGL13 ORIGIN: 8X951
WASTE TYPE: Concrete with PCBs
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS: _____

HAULER: _____

Driver: _____
IN: ANGELA TIMMERMAN E: ORAR1101PC
Weightmaster: _____
OUT: ANGELA TIMMERMAN E: ORAR1101PC

WASTE
TRANSUSPW / TRANS BY UNIT SPW (ST)
SEPCW / SPECIAL WASTE CONTINGLE (SFP)
LOC-U-SPW / LOCAL TRANS BY UNIT SPW

NET/TONS
1.00
15.153
1.00

UNIT
U
T
U

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2321VC / BRISTOL ENV / US A
TRUCK: 593158
ORIGIN: SAV / SAVCOGMA
COMMENT: _____

TRAILER: PNWS8141
CONTAINER: 8141
MANIFEST: NE008

F.O.: 593158
GROSS: 73040 LBS
TARE: 41980 LBS
NET: 31060 LBS

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

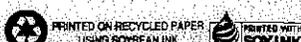
TICKET: 282791
DATE: 09/16/2005
TIME: 09:36 - 09:38
LOAD DATE: 09/14/2005
TRIP DATE: 09/15/2005

058989

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE009	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.	
23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number		
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill				25. US EPA ID Number ORD 987 173 457		M. State Generator's ID
26. Transporter _____ Company Name				27. US EPA ID Number		N. State Transporter's ID
						O. Transporter's Phone 541-454-2030
						P. State Transporter's ID
						Q. Transporter's Phone
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
33. Transporter _____ Acknowledgement of Receipt of Materials						Date
Printed/Typed Name <i>Cynthia Cross</i>		Signature <i>Cynthia Cross</i>				Month Day Year <i>7/11/05</i>
34. Transporter <u>5</u> Acknowledgement of Receipt of Materials						Date
Printed/Typed Name <i>Carmela Hughes</i>		Signature <i>Carmela Hughes</i>				Month Day Year <i>09/15/05</i>
35. Discrepancy Indication Space						



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE009	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number		
	24. Transporter <u>3</u> Company Name West Coast Trucking			25. US EPA ID Number WAH 000 016 683		
	26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.			27. US EPA ID Number NED 001 792 910		
				M. State Generator's ID		
				N. State Transporter's ID		
			O. Transporter's Phone 206-903-8300			
			P. State Transporter's ID			
			Q. Transporter's Phone 402-271-4400			
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u>3</u> Acknowledgement of Receipt of Materials					Date
	Printed/Typed Name			Signature		Month Day Year
FACILITY	34. Transporter <u>4</u> Acknowledgement of Receipt of Materials					Date
	Printed/Typed Name ANATOLY			Signature <i>[Signature]</i>		Month Day Year 05/12/00
35. Discrepancy Indication Space						





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE009
Profile #: 2321VC
Pounds Disposed: 29720 lbs.
Waste Type: Concrete With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads 'Julie Valdez'.

Julie Valdez
Special Waste Billing Department

From everyday collection to environmental protection, Think Green.® Think Waste Management.



Oregon Waste Systems
A Waste Management Company

18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030

No 593155

DATE/TIME: 10:32AM 09/15/2005
LOAD DATE: _____
CUSTOMER: Bristol/usace
PROFILE NUMBER: 2321VC
TRUCK NUMBER: 96-05
TRAILER/CONTAINER NUMBER: CWMU 8094
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE009

GROSS WEIGHT: 73280 lb
TARE WEIGHT-TRACTOR: _____
TARE WGT.-TRAILER/CONTAINER: 43560
NET WEIGHT: 29720

GATEHOUSE: Cam
DRIVER: JM
TRAIN ID: USEGL 13 ORIGIN: 8X951
WASTE TYPE: Concrete with PCBs
DISPOSAL: (CM) DC BU GRID SEGREGATE
REMARKS: _____

HAULER: _____

Driver: _____
IN: ANGELA TIMMERMAN B: ORARL101PC
Weighmaster: _____
OUT: ANGELA TIMMERMAN E: ORARL101PC

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2321VC / BRISTOL ENV / US A
TRUCK: 593155 TRAILER: PMS8094
ORIGIN: SAV / SAVOONA CONTAINER: 8094
COMMENT: _____
MANIFEST: NE009
P.O.: 593155
GROSS: 73280 LBS
TARE: 43560 LBS
NET: 29720 LBS

WASTE	TRANSUSPM	TRANS BY UNIT	SPM (ST)	NET/TONS	UNIT
				1.00	U
				14.86	T
				1.00	U

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
TICKET: 282920
DATE: 09/16/2005
TIME: 13:51 - 13:51
LOAD DATE: 09/14/2005
TIP DATE: 09/15/2005
059006

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE010	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				
4. Generator's Phone (907) 353-7850		c/o Bristol Environmental		
5. Transporter 1 Company Name NORHLAND SERVICES	6. US EPA ID Number WAD 981 773 005	A. State Transporter's ID		
7. Transporter 2 Company Name NORHLAND SERVICES	8. US EPA ID Number WAD 981 773 005	B. Transporter 1 Phone 800-426-3113		
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		C. State Transporter's ID		
10. US EPA ID Number ORD 987 173 457		D. Transporter 2 Phone 800-426-3113		
		E. State Facility's ID		
		F. Facility's Phone 541-454-2030		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT		No. 01	27,940	P
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls, PCB out of service date 7/22/05 Profile #2321VC		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300. <p style="text-align: right;">Conexif PNWS 8084</p>				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
LEBAO/E / QAR ON BEHALF OF LEBAO/E /		Signature S.A. MILLS		Date Month 8 Day 01 Year 05
Printed/Typed Name STEVE A. "SAM" MILLS		Signature		Date
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date
Printed/Typed Name		Signature		Month Day Year 8 13 05
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date
Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name Angela Timmerman		Signature Angela Timmerman		Date Month Day Year 9 13 05

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NED10		22. Page 2 of 3		Information in the shaded areas is not required by Federal law.	
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 PT. WAINWRIGHT, AK 99703-0066		L. State Manifest Document Number		M. State Generator's ID			
24. Transporter <u>3</u> Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID		O. Transporter's Phone 206-903-8300			
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.		27. US EPA ID Number NED 001 792 910		P. State Transporter's ID		Q. Transporter's Phone 402-271-4400			
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.	
		No.		Type					
a.									
b.									
c.									
d.									
e.									
f.									
g.									
h.									
i.									
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information									
33. Transporter <u>3</u> Acknowledgement of Receipt of Materials		Printed/Typed Name <i>[Signature]</i>				Signature <i>[Signature]</i>		Date Month Day Year <i>11/15</i>	
		34. Transporter <u>2</u> Acknowledgement of Receipt of Materials		Printed/Typed Name <i>Anatoly</i>		Signature <i>[Signature]</i>		Date Month Day Year <i>05/05/03</i>	
35. Discrepancy Indication Space									

GENERATOR TRANSPORTER FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AKC 000 228 395	Manifest Document No. NE010	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 PT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number		
	24. Transporter <u>5</u> Company Name Columbia Ridge Landfill			25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID
	26. Transporter _____ Company Name			27. US EPA ID Number		O. Transporter's Phone 541-454-2030 P. State Transporter's ID Q. Transporter's Phone
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			29. Containers		30. Total Quantity	
			No.	Type	31. Unit Wt/Vol	
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name <i>Carmela Dykes</i>		Signature <i>Carmela Dykes</i>		Month Day Year <i>05/12/05</i>	
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name		Signature		Month Day Year	
35. Discrepancy Indication Space						





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 15, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 13, 2005
Manifest #: NE010
Profile #: 2321VC
Pounds Disposed: 27040 lbs.
Waste Type: Concrete w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

Angela Timmerman

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

058915

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 282472
DATE: 09/15/2005
TIME: 10:15 - 10:15
LOAD DATE: 09/12/2005
TIP DATE: 09/19/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2321VC / BRISTOL ENV/ US A
TRUCK: 593060
ORIGIN: SAV / SAVOOGNA
COMMENT:

TRAILER: PNWS8084
CONTAINER: 8084

P.O.: 593060
GROSS: 70700 LBS
TARE: 43660 LBS
NET: 27040 LBS
MANIFEST: NE010

WASTE	NET/TONS	UNIT
TRANSU-SPW / TRANS BY UNIT SPW (ST)	1.00	U
SPWCM / SPECIAL WASTE COMINGLE (SFP)	13.52	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: IN: ANGELA TIMMERMAN B: ORARLI01PC

Weighmaster: OUT: ANGELA TIMMERMAN B: ORARLI01PC

WM
WASTE MANAGEMENT
Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030

No 593060

11:56AM 09/13/2005

DATE/TIME:

LOAD DATE:

CUSTOMER: Bristol / USACE

PROFILE NUMBER: 2321VC

TRUCK NUMBER: 016-05

TRAILER/CONTAINER NUMBER: PNWS 8084

SEAL NUMBER:

CUSTOMER INVOICE NO: NE 010

GROSS WEIGHT: 70700 lb

TARE WEIGHT-TRACTOR: 43660

TARE WGT.-TRAILER/CONTAINER: 27040

NET WEIGHT:

GATEHOUSE: CA

DRIVER: AM

TRAIN ID: 10X051 ORIGIN: 09X051

WASTE TYPE: concrete w/ PCBs

DISPOSAL: CM DC BU GRID SEGREGATE

REMARKS:

HAULER:

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

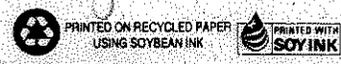
NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE011	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				
4. Generator's Phone (907) 353-7850		c/o Bristol Environmental		
5. Transporter 1 Company Name NORTHLAND SERVICES	6. US EPA ID Number WAD 981 773 005	A. State Transporter's ID		
7. Transporter 2 Company Name NORTHLAND SERVICES	8. US EPA ID Number WAD 981 773 005	B. Transporter 1 Phone 800-426-3113		
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		C. State Transporter's ID		
10. US EPA ID Number ORD 987 173 457		D. Transporter 2 Phone 800-426-3113		
		E. State Facility's ID		
		F. Facility's Phone 541-454-2030		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT		No. 01	Type CM	16,140
b.				P
c.				
d.				
G. Additional Descriptions for Materials Listed Above Concrete rubble containing polychlorinated biphenyls. PCB out of service date 7/22/05 Profile #2321VC		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502-1117. In case of emergency, contact CHEMTREC at 800-424-9300. Conex # PNWS 8093				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name STEVE A. "SAM" MILLS		Signature <i>S.A. MILLS</i>		Date 8/01/05
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Date 8/12/05
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Date
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name Angela Timmerman		Signature <i>Angela Timmerman</i>		Date 9/13/05

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE011	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number		
				M. State Generator's ID		
24. Transporter <u>3</u> Company Name West Coast Trucking		25. US EPA ID Number WAB 000 016 683		N. State Transporter's ID		
				O. Transporter's Phone 206-903-8300		
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.		27. US EPA ID Number NED 001 792 910		P. State Transporter's ID		
				Q. Transporter's Phone 402-271-4400		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers		30. Total Quantity
				No.	Type	31. Unit Wt/Vol
				R. Waste No.		
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
33. Transporter <u>3</u> Acknowledgement of Receipt of Materials						Date
Printed/Typed Name Jeffrey Mackiewicz		Signature <i>[Signature]</i>		Month Day Year 9 19 05		
34. Transporter <u>4</u> Acknowledgement of Receipt of Materials						Date
Printed/Typed Name ATHEA		Signature <i>[Signature]</i>		Month Day Year 7 1 15		
35. Discrepancy Indication Space						

GENERATOR FACILITY TRANSPORTER



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE011	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.				
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number				
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID				
26. Transporter _____ Company Name		27. US EPA ID Number		O. Transporter's Phone 541-454-2030				
				P. State Transporter's ID				
				Q. Transporter's Phone				
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
				No.	Type			
HM	a.							
	b.							
	c.							
	d.							
	e.							
	f.							
	g.							
	h.							
	i.							
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information								
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials				Date			
	Printed/Typed Name <i>Carmela Hughes</i>				Signature <i>Carmela Hughes</i>		Month Day Year <i>09/13/05</i>	
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials				Date			
	Printed/Typed Name				Signature		Month Day Year	
35. Discrepancy Indication Space								





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 15, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 13, 2005
Manifest #: NE011
Profile #: 2321VC
Pounds Disposed: 15760 lbs.
Waste Type: Concrete w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads 'Angela Timmerman'.

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

058916

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 282473
DATE: 09/15/2005
TIME: 10:15 - 10:15
LOAD DATE: 09/12/2005
TIP DATE: 09/13/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2321VC / BRISTOL ENV/ US A
TRUCK: 593061
ORIGIN: SAV / SAVOOGNA
COMMENT:

TRAILER: PNWS8093
CONTAINER: 8093

P.O.: 593061
GROSS: 59240 LBS
TARE: 43480 LBS
NET: 15760 LBS
MANIFEST: NE011

WASTE	NET/TONS	UNIT
TRANS/SPW / TRANS BY UNIT SPW (ST)	1.00	U
SPWCM / SPECIAL WASTE COMINGLE (SPP)	7.88	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: IN: ANGELA TIMMERMAN B: ORARLI01PC

Weighmaster: OUT: ANGELA TIMMERMAN B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company

18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030 13 PM 12:45



No: 593061

DATE/TIME: _____
LOAD DATE: _____
CUSTOMER: Bristol / USACE
PROFILE NUMBER: 2321VC
TRUCK NUMBER: 9605
TRAILER/CONTAINER NUMBER: PNWS 8093
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE 011

GROSS WEIGHT: 59240
TARE WEIGHT-TRACTOR: 43480
TARE WGT.-TRAILER/CONTAINER: 15760
NET WEIGHT: _____

GATEHOUSE: _____
DRIVER: _____
TRAIN ID: 11 ORIGIN: OX 951
WASTE TYPE: concrete w/ PCB's
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS: _____

HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE012	2. Page 1 of XX 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental	
4. Generator's Phone (907) 353-7850					
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR 9 812		10. US EPA ID Number ORD 987 173 457		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
				E. State Facility's ID	
				F. Facility Phone 541-434-2030	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit WL/Vol.
a. <input checked="" type="checkbox"/> Material Not Regulated by DOT			No. 01	Type CM	33,030
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile # 2320VC			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl ANXXXXXXXXXXXX BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. XXXXXXXX PNWS 8127 Baker box					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations. USACoE / QAR ON BEHALF OF LEADGE / PDP					
Printed/Typed Name STEVE A. "SAM" MILLS		Signature <i>SA Mills</i>		Date 8 / 01 / 05	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Date 8 / 12 / 05	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Angela Timmerman		Signature <i>Angela Timmerman</i>		Date 9 / 13 / 05	

NON-HAZARDOUS WASTE GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. XXXXX AKO 000 228 395	Manifest Document No. NE012	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 PT WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number	
24. Transporter <u>3</u> Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683	N. State Transporter's ID 206-903-8300		
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.		27. US EPA ID Number NED 001 792 910	O. Transporter's Phone		
			P. State Transporter's ID		
			Q. Transporter's Phone 402-271-4400		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		31. Unit Wt/Vol	R. Waste No.
		No.	Type		
a.					
b.					
c.					
d.					
e.					
f.					
g.					
h.					
i.					
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information					
33. Transporter <u>3</u> Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
				Month Day Year	
34. Transporter <u>4</u> Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
Anatoly				Month Day Year	
35. Discrepancy Indication Space					

GENERATOR

TRANSPORTER

FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No: AK0 000 228 395		Manifest Document No. NE012		22. Page 3 of 3		Information in the shaded areas is not required by Federal law.		
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066						L. State Manifest Document Number		M. State Generator's ID
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill				25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID		O. Transporter's Phone 541-454-2030		
26. Transporter _____ Company Name				27. US EPA ID Number		P. State Transporter's ID		Q. Transporter's Phone		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
						No.	Type			
GENERATOR	a.									
	b.									
	c.									
	d.									
	e.									
	f.									
	g.									
	h.									
	i.									
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above				
32. Special Handling Instructions and Additional Information										
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials								Date	
	Printed/Typed Name Carmela Hughes				Signature <i>Carmela Hughes</i>				Month Day Year 09/13/05	
	34. Transporter _____ Acknowledgement of Receipt of Materials								Date	
FACILITY	Printed/Typed Name				Signature				Month Day Year	
	35. Discrepancy Indication Space									





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 15, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 13, 2005
Manifest #: NE012
Profile #: 2320VC
Pounds Disposed: 34140 lbs.
Waste Type: Soil w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads "Angela Timmerman".

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

058911

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 282468
DATE: 09/15/2005
TIME: 10:12 - 10:12
LOAD DATE: 09/12/2005
TIP DATE: 09/13/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV/ US A
TRUCK: 593056
ORIGIN: SAV / SAVOOGNA
COMMENT:

TRAILER: PNWS8127
CONTAINER: 8127

P.O.: 593056
GROSS: 76160 LBS
TARE: 42020 LBS
NET: 34140 LBS
MANIFEST: NE012

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST)	1.00	U
PCSCP / PCS COMINGLE -(PCP)	17.07	T
LCC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: ANGELA TIMMERMAN
IN: ANGELA TIMMERMAN E: ORARLI01PC

Weighmaster: ANGELA TIMMERMAN
OUT: ANGELA TIMMERMAN E: ORARLI01PC

Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030



No 593056

DATE/TIME: 09:07AM 09/13/2005

LOAD DATE:

CUSTOMER: Bristol / USACE

PROFILE NUMBER: 2320 VC

TRUCK NUMBER: 96-05

TRAILER/CONTAINER NUMBER: PNWS 8127

SEAL NUMBER:

CUSTOMER INVOICE NO.: NE012

GROSS WEIGHT: 76160 LB

TARE WEIGHT-TRACTOR: 42020

TARE WGT.-TRAILER/CONTAINER: 34140

NET WEIGHT: 34140

GATEHOUSE: CM

DRIVER: AM

TRAIN ID: Load 1 ORIGIN: Box 951

WASTE TYPE: solid w/ PCBs

DISPOSAL: CM DC BU GRID SEGREGATE

REMARKS:

HAULER:

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE013	2. Page 1 of 2 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental	
4. Generator's Phone (907) 353-7850					
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR		10. US EPA ID Number ORD 987 173 457		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
				E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
			No.	Type	14. Unit Wt./Vol.
a. Material not regulated by DOT			01	CM	33,800
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC.				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl XXXXXXXXXXXX BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. XXXXXX PNWS 8121 Baker box					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name STEVE A. "SAM" MILLS			Signature <i>S.A. Mills</i>		Date Month Day Year 8/01/05
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>James E. ...</i>			Signature <i>[Signature]</i>		Date Month Day Year 8/12/05
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name			Signature		Date Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.					
Printed/Typed Name Angela Timmerman			Signature <i>Angela Timmerman</i>		Date Month Day Year 9/13/05

NON-HAZARDOUS WASTE GENERATOR

GENERATOR	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE013	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.			
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066					L. State Manifest Document Number			
						M. State Generator's ID			
	24. Transporter 3 Company Name West Coast Trucking			25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID			
						O. Transporter's Phone 206-903-8300			
	26. Transporter 4 Company Name Union Pacific Railroad Co.			27. US EPA ID Number NED 001 792 910		P. State Transporter's ID			
						Q. Transporter's Phone 402-271-4400			
	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					29. Containers		30. Total Quantity	
						No. Type		31. Unit Wt/Vol	
								R. Waste No.	
a.									
b.									
c.									
d.									
e.									
f.									
g.									
h.									
i.									
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above				
32. Special Handling Instructions and Additional Information									
33. Transporter Acknowledgement of Receipt of Materials					Date				
Printed/Typed Name <i>Arnie [Signature]</i>					Signature <i>[Signature]</i>		Month Day Year 		
34. Transporter Acknowledgement of Receipt of Materials					Date				
Printed/Typed Name <i>[Signature]</i>					Signature <i>[Signature]</i>		Month Day Year 		
35. Discrepancy Indication Space									

TRANSPORTER FACILITY





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 15, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 13, 2005
Manifest #: NE013
Profile #: 2320VC
Pounds Disposed: 34160 lbs.
Waste Type: Soil w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

Angela Timmerman

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green.® Think Waste Management.

058910

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 282467
DATE: 09/15/2005
TIME: 10:12 - 10:12
LOAD DATE: 09/12/2005
TIP DATE: 09/13/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV/ US A
TRUCK: 593055 TRAILER: PNWS8121
ORIGIN: SAV / SAVOOGNA CONTAINER: 8121
COMMENT:

P.O.: 593055
GROSS: 77880 LBS
TARE: 43720 LBS
NET: 34160 LBS
MANIFEST: NE013

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (BT)	1.00	U
PCSCP / PCS COMINGLE -(PCP)	17.08	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: IN: ANGELA TIMMERMAN B: ORARLI01PC

Weighmaster: OUT: ANGELA TIMMERMAN B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030



NO: 593055

DATE/TIME: 12:23PM 09/13/2005

LOAD DATE: Bristol / USACE

CUSTOMER: 2320 VC

PROFILE NUMBER: 96-05

TRUCK NUMBER: 8121

TRAILER/CONTAINER NUMBER: PNWS

SEAL NUMBER: 8121

CUSTOMER INVOICE NO.: NE013

GROSS WEIGHT: 77880 lb

TARE WEIGHT-TRACTOR: 43720

TARE WGT.-TRAILER/CONTAINER: 34160

NET WEIGHT: 34160

GATEHOUSE: CM

DRIVER: JAM

TRAIN ID: Local 11 ORIGIN: Box 951

WASTE TYPE: SOLID WASTE/PCBS

DISPOSAL: CM DC BU GRID SEGREGATE

REMARKS:

HAULER:

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE014		22. Page 2 of 3		Information in the shaded areas is not required by Federal law.			
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066		24. Transporter <u>3</u> Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683				L. State Manifest Document Number	
GENERATOR		26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.		27. US EPA ID Number NED 001 792 910		N. State Transporter's ID		M. State Generator's ID			
		28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.	
				No.		Type					
a.											
b.											
c.											
d.											
e.											
f.											
g.											
h.											
i.											
		S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above					
		32. Special Handling Instructions and Additional Information									
TRANSPORTER		33. Transporter <u> </u> Acknowledgement of Receipt of Materials								Date	
		Printed/Typed Name				Signature				Month Day Year	
FACILITY		34. Transporter <u> </u> Acknowledgement of Receipt of Materials								Date	
		Printed/Typed Name				Signature				Month Day Year	
		35. Discrepancy Indication Space									



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AKO 060 228 395	Manifest Document No. NE014	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number		
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457	N. State Transporter's ID			
26. Transporter _____ Company Name		27. US EPA ID Number	O. Transporter's Phone 541-454-2030			
			P. State Transporter's ID			
			Q. Transporter's Phone			
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
a. <input type="checkbox"/> HM						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials		Signature		Date	
	Printed/Typed Name <i>Carmela Hughes</i>		<i>Carmela Hughes</i>		Month Day Year <i>09/13/05</i>	
	34. Transporter _____ Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name				Month Day Year		
FACILITY	35. Discrepancy Indication Space					





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 15, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 13, 2005
Manifest #: NE014
Profile #: 2320VC
Pounds Disposed: 30160 lbs.
Waste Type: Soil w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

Angela Timmerman

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.



Oregon Waste Systems
A Waste Management Company

18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030

No 593054

DATE/TIME: 01:30PM 09/13/2005
LOAD DATE: _____
CUSTOMER: Bristol/USACE
PROFILE NUMBER: 2320VC
TRUCK NUMBER: 9605
TRAILER/CONTAINER NUMBER: PNWS 8105
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE014

GROSS WEIGHT: 73720 lb
TARE WEIGHT-TRACTOR: _____
TARE WGT.-TRAILER/CONTAINER: 43560
NET WEIGHT: 30160

GATEHOUSE: Cam
DRIVER: Jen
TRAIN ID: USEGE 11 ORIGIN: OX 951
WASTE TYPE: SOIL w/ PCB'S
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS: _____
HAULER: _____

Driver: _____
IN: ANGELA TIMMERMAN H: ORARI101PC
Weightmaster: _____
OUT: ANGELA TIMMERMAN H: ORARI101PC

WASTE: _____
TRANSDISP / TRANS BY UNIT SPM (ST)
LOC-U-SPW / LOCAL TRANS BY UNIT SPM
PSCP / PCS CONTINGLE -(PCP)

NET/TONS
1.00 U
1.00 U
15.08 T

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV / US A
TRUCK: 593054
ORIGIN: SAV / SAVOONA
COMMENT: _____
TRAILER: PNWS8105
CONTAINER: 8105
MANIFEST: NE014

F.O.: 593054
GROSS: 73720 LBS
TARE: 43560 LBS
NET: 30160 LBS

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030

TICKET: 282466
DATE: 09/15/2005
TIME: 10:11 - 10:11
LOAD DATE: 09/12/2005
TR DATE: 09/13/2005

058909

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AK0 000 228 395		Manifest Document No. NE015	2. Page 1 of 2 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066					
4. Generator's Phone (907) 353-7850				c/o Bristol Environmental	
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR		10. US EPA ID Number ORD 987 173 457		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
				E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
			No.	Type	14. Unit WL/Vol.
a. Material not regulated by DOT			01	CM	32,600
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl Agnex Environmental Services BEESC, 2000 W. International Airport Rd., 4C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. Baker box #PNMS 8064					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name STEVE A. "SAM" MILLER		Signature <i>S.A. Miller</i>		Date 8/10/05	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>Steve Glasman</i>		Signature <i>Steve Glasman</i>		Date 8/4/05	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>Raymond...</i>		Signature <i>Raymond...</i>		Date 8/15/05	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Angela Timmerman		Signature <i>Angela Timmerman</i>		Date 9/15/05	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

GENERATOR	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. HE015	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.			
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 PT. WAINWRIGHT, AK 99703-0066					L. State Manifest Document Number			
24. Transporter <u>3</u> Company Name West Coast Trucking					25. US EPA ID Number WAB 000 016 683		N. State Transporter's ID		
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.					27. US EPA ID Number WED 001 792 910		O. Transporter's Phone 206-903-8300		
					P. State Transporter's ID		Q. Transporter's Phone 402-271-4400		
TRANSPORTER	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
	a. <small>HM</small>								
	b.								
	c.								
	d.								
	e.								
	f.								
	g.								
	h.								
	i.								
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information.									
FACTILITY	33. Transporter <u> </u> Acknowledgement of Receipt of Materials							Date	
	Printed/Typed Name <i>[Signature]</i>				Signature <i>[Signature]</i>			Month Day Year <i> / / </i>	
34. Transporter <u> 4 </u> Acknowledgement of Receipt of Materials							Date		
Printed/Typed Name <i>LT SATUN</i>				Signature <i>[Signature]</i>			Month Day Year <i> / / </i>		
35. Discrepancy Indication Space									



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE015	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.	
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number	
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID	
26. Transporter _____ Company Name		27. US EPA ID Number		O. Transporter's Phone 541-454-2030	
				P. State Transporter's ID	
				Q. Transporter's Phone	
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			29. Containers		R. Waste No.
			No.	Type	
a.					
b.					
c.					
d.					
e.					
f.					
g.					
h.					
i.					
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above	
32. Special Handling Instructions and Additional Information					
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials		Signature <i>Carmela Hughes</i>		Date Nov 13 05
	Printed/Typed Name Carmela Hughes				Month Day Year
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials		Signature		Date
	Printed/Typed Name				Month Day Year
35. Discrepancy Indication Space					





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE015
Profile #: 2320VC
Pounds Disposed: 32480 lbs.
Waste Type: Soil With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads "Julie Valdez".

Julie Valdez
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.



Oregon Waste Systems
A Waste Management Company

18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030

No 593148

DATE/TIME: 10:00AM 09/15/2005
LOAD DATE: _____
CUSTOMER: Bristol / usACE
PROFILE NUMBER: 2320 VC
TRUCK NUMBER: 96-05
TRAILER/CONTAINER NUMBER: PNWS 8064
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE015

GROSS WEIGHT: 75920 lb
TARE WEIGHT-TRACTOR: _____
TARE WGT.-TRAILER/CONTAINER: 43440
NET WEIGHT: 32480

GATEHOUSE: Car
DRIVER: Jim
TRAIN ID: USEGL13 ORIGIN: 6X951
WASTE TYPE: Soil with PCBs
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS: _____

HAULER: _____

Driver: _____
IN: ANGELA TIMMERMAN E: ORARL101FC

Weightmaster: _____
OUT: ANGELA TIMMERMAN E: ORARL101FC

WASTE: _____
TRANSUSPW / TRANS BY UNIT SPW (ST)
POSCP / POS CONTINGLE -(POP)
LOC-U-SPW / LOCAL TRANS BY UNIT SPW

NET/TONS
1.00 U
16.24 T
1.00 U

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV / US A
TRUCK: 593148
ORIGIN: SAV / SAVOONA
COMMENT: _____

TRAILER: PNWS8064
CONTAINER: 8064
P.O.: 593148
GROSS: 75920 LBS
TARE: 43440 LBS
NET: 32480 LBS
MANIFEST: NE015

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030

TICKET: 282837
DATE: 09/16/2005
TIME: 12:42 - 12:42
LOAD DATE: 09/14/2005
TIP DATE: 09/15/2005

058998

NON-HAZARDOUS WASTE MANIFEST

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKD 000 226 393		Manifest Document No. NE016		2. Page 1 of 1			
3. Generator's name and mailing address USACE USACE NORTHEAST CAPE PO BOX 33004 FT WATKINS, AK 99703-0004				4. Generator's Phone: 907 353-7850				c/o Bristol Environmental	
5. Transporter 1 Company Name NORVELAND SERVICES		6. US EPA ID Number WAD 081 773 005		7. State Transporter ID AKC-426-3113		8. Transporter 1 Phone 800-426-3113			
9. Transporter 2 Company Name NORVELAND SERVICES		10. US EPA ID Number WAD 081 773 005		11. State Transporter ID AKC-426-3113		12. Transporter 2 Phone 800-426-3113			
13. Disposal Facility Name and Site Address Columbia Ridge Landfill 16177 Cedar Springs Lane Arlington, OR				14. US EPA ID Number OND 997 173 457		15. State Facility ID 541-454-2050			
16. Waste Description				17. Container No.		18. Total Quantity			
Material not regulated by DOT				01		CN 33,100			
19. Additional Descriptions to Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service since 07/16/03. Profile No. 2120VC				20. Handling Codes for Plastics Listed Above					
21. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Carl XXXXXXXXXXXX 85850, 2500 W. International Airport Rd., #C-1, Anchorage, AK 99503. In case of emergency, contact CHEMTREC at 800-424-9300.									
Enter box # PWAS 804									
22. OPERATOR'S CERTIFICATION (I hereby certify that the contents of this manifest are true and accurate, classified and listed as required by applicable regulations. This manifest complies with the conditions of the manifest use for disposal of certain non-hazardous waste materials.)									
USACE/ OAR ON BEHALF OF USACE/FOU				Date: 8/10/05					
STEVE A. DUMMALS				S. A. MILLS					
Steve G. Gaska				Date: 8/19/05					
Signature of Transporter 1				Signature of Transporter 2					
Signature of Facility Operator				Signature of Facility Operator					
23. Facility Owner or Operator: Certificate of receipt of this waste received prepared by this facility, except as noted in item 20									
Printed Typed Name: Angela Timmerman				Date: 8/10/05					

NON-HAZARDOUS WASTE

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE016	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number		
				M. State Generator's ID		
24. Transporter <u>3</u> Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID		
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.		27. US EPA ID Number NED 001 792 910		O. Transporter's Phone 206-903-8300		
				P. State Transporter's ID		
				Q. Transporter's Phone 402-271-4400		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers		30. Total Quantity
				No.	Type	31. Unit Wt/Vol
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
33. Transporter <u>3</u> Acknowledgement of Receipt of Materials						Date
Printed/Typed Name Cynthia Cross		Signature Cynthia Cross		Month Day Year 9/12/05		
34. Transporter <u>3</u> Acknowledgement of Receipt of Materials						Date
Printed/Typed Name Anatoliy		Signature [Signature]		Month Day Year 10/11/05		
35. Discrepancy Indication Space						

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE016	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number		
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457	N. State Transporter's ID			
26. Transporter _____ Company Name		27. US EPA ID Number	O. Transporter's Phone 541-454-2030			
			P. State Transporter's ID			
			Q. Transporter's Phone			
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
GENERATOR	a.					
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u>42</u> Acknowledgement of Receipt of Materials		Signature		Date	
	Printed/Typed Name <i>Cynthia Cross</i>		<i>Cynthia Cross</i>		Month Day Year <i>7/17/05</i>	
	34. Transporter <u>5</u> Acknowledgement of Receipt of Materials		Signature		Date	
	Printed/Typed Name <i>Carmela Hughes</i>		<i>Carmela Hughes</i>		Month Day Year <i>6/9/15/05</i>	
FACILITY	35. Discrepancy Indication Space					





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE016
Profile #: 2320VC
Pounds Disposed: 34320 lbs.
Waste Type: Soil With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads "Julie Valdez".

Julie Valdez
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

058997

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 282836
DATE: 09/16/2005
TIME: 12:21 - 12:21
LOAD DATE: 09/14/2005
TIP DATE: 09/15/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV/ US A
TRUCK: 593146
ORIGIN: SAV / SAVOOGNA
COMMENT:

TRAILER: PNWS8041
CONTAINER: 8041

P.O.: 593146
GROSS: 75920 LBS
TARE: 41600 LBS
NET: 34320 LBS
MANIFEST: NE016

WASTE	NET/TONS	UNIT
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U
PCSCP / PCS COMINGLE -(PCP)	17.16	T
TRANSUSPW / TRANS BY UNIT SPW (ST)	1.00	U

Driver: ANGELA TIMMERMAN B: ORARLI01PC

Weighmaster: ANGELA TIMMERMAN B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030



No 593146

DATE/TIME: _____
LOAD DATE: _____
CUSTOMER: Bristol / usace
PROFILE NUMBER: 2320 VC
TRUCK NUMBER: 650
TRAILER/CONTAINER NUMBER: PNWS 8041
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE016

GROSS WEIGHT: 75920
TARE WEIGHT-TRACTOR: 41600
TARE WGT.-TRAILER/CONTAINER: 34320
NET WEIGHT: _____

GATEHOUSE: _____
DRIVER: PR
TRAIN ID: 456613 ORIGIN: OX 251
WASTE TYPE: Soil with PCBs
DISPOSAL: (CM) DC BU GRID SEGREGATE
REMARKS: _____

HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE017	2. Page 1 of 2 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066					
4. Generator's Phone (907) 353-7850				c/o Bristol Environmental	
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
				B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR		10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
			No.	Type	Unit Wt./Vol.
a. Material not regulated by DOT			01	CM	30,540
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl ANAD XXXXXXXXXX BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHENTREC at 800-424-9300. Baker box # PNWS 8042					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
USACE / QAR ON BEHALF OF USACE / POD				Date	
Printed/Typed Name STEVE A "SAM" MILLER		Signature <i>SA Miller</i>		Month Day Year 8 01 05	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>Steve Glasman</i>		Signature <i>Steve Glasman</i>		Date 8 14 05	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>TRAVIS J. HUNTER</i>		Signature <i>Travis Hunter</i>		Date 8 15 05	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Angela Timmerman				Signature <i>Angela Timmerman</i>	
				Date 9 15 05	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY



GENERATOR	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE017	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.				
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 PT. WAINWRIGHT, AK 99703-0066					L. State Manifest Document Number				
	24. Transporter <u>3</u> Company Name West Coast Trucking					25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID		
	26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.					27. US EPA ID Number NED 001 792 910		O. Transporter's Phone 206-903-8300		
								P. State Transporter's ID		
								Q. Transporter's Phone 402-271-4400		
	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
						No.	Type			
	a.									
	b.									
c.										
d.										
e.										
f.										
g.										
h.										
i.										
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above					
32. Special Handling Instructions and Additional Information										
TRANSPORTER	33. Transporter <u> </u> Acknowledgement of Receipt of Materials					Date				
	Printed/Typed Name			Signature		Month	Day	Year		
FACTORY	34. Transporter <u> </u> Acknowledgement of Receipt of Materials					Date				
	Printed/Typed Name			Signature		Month	Day	Year		
35. Discrepancy Indication Space										

UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>	21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE017	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number		
				M. State Generator's ID		
	24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457	N. State Transporter's ID		O. Transporter's Phone 541-454-2030
26. Transporter _____ Company Name		27. US EPA ID Number	P. State Transporter's ID		Q. Transporter's Phone	
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			29. Containers		R. Waste No.	
			No.	Type		
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name <i>Carmela Hughes</i>		Signature <i>Carmela Hughes</i>	Month Day Year 09 15 05		
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name		Signature	Month Day Year		
35. Discrepancy Indication Space						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE017	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.	
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 PT. WAINWRIGHT, AK 99703-0066		L. State Manifest Document Number		
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID		O. Transporter's Phone 541-454-2030
26. Transporter _____ Company Name		27. US EPA ID Number		P. State Transporter's ID		Q. Transporter's Phone
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials		Signature		Date	
	Printed/Typed Name <i>Carmela Hughes</i>		<i>Carmela Hughes</i>		Month Day Year 09 15 05	
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials		Signature		Date	
	Printed/Typed Name				Month Day Year	
35. Discrepancy Indication Space						



**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE017
Profile #: 2320VC
Pounds Disposed: 30220 lbs.
Waste Type: Soil w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads "Angela Timmerman".

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

058984

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 282782
DATE: 09/16/2005
TIME: 09:24 - 09:24
LOAD DATE: 09/14/2005
TIP DATE: 09/15/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV/ US A
TRUCK: 593147 TRAILER: FNWS8042
ORIGIN: SAV / SAVOOGNA CONTAINER: 8042
COMMENT:

P.O.: 593147
GROSS: 73460 LBS
TARE: 43240 LBS
NET: 30220 LBS
MANIFEST: NE017

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST	1.00	U
PCSCP / PCS COMINGLE -(PCP)	15.11	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: IN: ANGELA TIMMERMAN B: ORARLI01PC

Weighmaster: OUT: ANGELA TIMMERMAN B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030



No 593147

01:33PM 09/15/2005

DATE/TIME: _____
LOAD DATE: _____
CUSTOMER: Bristol/USACE
PROFILE NUMBER: 2320VC
TRUCK NUMBER: _____
TRAILER/CONTAINER NUMBER: FNWS 8042
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE017

GROSS WEIGHT: 73460 lb
TARE WEIGHT-TRACTOR: _____
TARE WGT.-TRAILER/CONTAINER: 43240
NET WEIGHT: 30220

GATEHOUSE: _____
DRIVER: CAA
TRAIN ID: 4526L 13 ORIGIN: 09251
WASTE TYPE: Soil with PCBs
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS: _____

HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

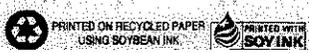
NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE018	2. Page 1 of 2 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066					
4. Generator's Phone (907) 353-7850				c/o Bristol Environmental	
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
				B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR		10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit WL/Vol.
a. Material not regulated by DOT			No. 01 Type CM	33,960	P
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl AKXXXXXXXXXXXXXXXXXXXX BEESC, 2000 W. International Airport Rd., 4C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTEC at 800-424-9300. Baker box # PNWS 8130					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations. USACE / QAR ON BEHALF OF USACE /					
Printed/Typed Name STEVE A. "SAM" MILLS		Signature <i>S. A. MILLS</i>		Date 8/01/05	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Date 8/12/05	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Date 8/12/05	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					Date
Printed/Typed Name Angela Timmerman		Signature <i>Angela Timmerman</i>		Date 9/13/05	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE018	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number		
				M. State Generator's ID		
	24. Transporter ³ Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683	N. State Transporter's ID		O. Transporter's Phone 206-903-8300
26. Transporter ⁴ Company Name Union Pacific Railroad Co.		27. US EPA ID Number NED 001 792 910	P. State Transporter's ID		Q. Transporter's Phone 402-271-4400	
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u>3</u> Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name <i>William Wackelstein</i>	Signature <i>[Signature]</i>		Month	Day	Year
FACILITY	34. Transporter <u>4</u> Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name <i>UP SATHAL</i>	Signature <i>[Signature]</i>		Month	Day	Year
35. Discrepancy Indication Space						



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE018	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.	
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 PT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number	
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill			25. US EPA ID Number ORD 987 173 457	N. State Transporter's ID		
26. Transporter _____ Company Name			27. US EPA ID Number	O. Transporter's Phone 541-454-2030		
				P. State Transporter's ID		
				Q. Transporter's Phone		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			29. Containers		30. Total Quantity	31. Unit Wt/Vol
			No.	Type		
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials					Date
	Printed/Typed Name <i>Carmela Hughes</i>		Signature <i>Carmela Hughes</i>		Month Day Year <i>09/13/05</i>	
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials					Date
	Printed/Typed Name		Signature		Month Day Year	
35. Discrepancy Indication Space						





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 15, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 13, 2005
Manifest #: NE018
Profile #: 2320VC
Pounds Disposed: 33380 lbs.
Waste Type: Soil w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

Angela Timmerman

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green.® Think Waste Management.

WM Columbia Ridge Landfill
 18177 Cedar Springs Lane
 Arlington, OR 97812
 (541)-454-2030

TICKET: 282469
 DATE: 09/15/2005
 TIME: 10:13 - 10:13
 LOAD DATE: 09/12/2005
 TIP DATE: 09/13/2005

058912

CUSTOMER: BRISTOL ENVIRONMENTAL
 PROFILE: 2320VC / BRISTOL ENV/ US A
 TRUCK: 593057 TRAILER: PNWS8130
 ORIGIN: SAV / SAVOOGNA CONTAINER: 8130
 COMMENT:

P.O.: 593057
 GROSS: 77000 LBS
 TARE: 43620 LBS
 NET: 33380 LBS
 MANIFEST: NEG18

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST)	1.00	U
PCSCP / PCS COMINGLE -(PCP)	16.69	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: IN: ANGELA TIMMERMAN B: ORARLI01FC

Weighmaster: OUT: ANGELA TIMMERMAN B: ORARLI01FC

Oregon Waste Systems
 A Waste Management Company
 18177 Cedar Springs Lane
 Arlington, Oregon 97812
 (541) 454-2030



No 593057

DATE/TIME: 10:38AM 09/13/2005

LOAD DATE: _____
 CUSTOMER: Bristol / USACE
 PROFILE NUMBER: 2320 VC
 TRUCK NUMBER: 96-05
 TRAILER/CONTAINER NUMBER: PNWS 8130
 SEAL NUMBER: _____
 CUSTOMER INVOICE NO.: NEG18

GROSS WEIGHT: 77000 lb
 TARE WEIGHT-TRACTOR: 43620
 TARE WGT.-TRAILER/CONTAINER: 33380
 NET WEIGHT: _____

GATEHOUSE: _____
 DRIVER: CM / JTM
 TRAIN ID: 400011 ORIGIN: 09X951
 WASTE TYPE: 0001 W/PCP's
 DISPOSAL: CM DC BU GRID SEGREGATE
 REMARKS: _____

HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

NON-HAZARDOUS WASTE MANIFEST

Department of Environmental Protection
 1000 GPO 228 295

Manifest Number

1E019

Page 1 of 1

1. Generator Name and State: **SHOOPER WASTE RECOVERY CORP**
 PO BOX 31066 FT WATKINSON, VA 22073-0066
 Telephone: 907 261-7800

2. Receiver Name and State: **C/O British Environmental**

3. Transporter Name and State: **WASTELAND SERVICES**
 Telephone: 703-671-7733
 4. Material Name: **WASTELAND SERVICES**
 5. Material Quantity: **WHD 581 773 005**
 6. Material Description: **WHD 581 773 005**
 7. Material Hazardous: **NO**
 8. Material Quantity: **WHD 581 773 005**
 9. Material Description: **WHD 581 773 005**

10. Columbia Ridge Landfill
 1877 Cedar Springs Lane
 Arlington, VA

11. EPA ID Number: **CR0 987 173 457**

12. Manifest Type: **541-454-2010**

13. Description of Material	14. Quantity	15. Date		16. Status
		Month	Year	
Material not regulated by RCRA	01 CM	23	1990	F

17. Description of Material: **Ball containing polychlorinated biphenyls. PCBs out of service date 07/16/75. Profile No. 2320VC**

18. Special Handling Instructions and Additional Information

Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Galt
 INTERNATIONAL NEWS, 2000 W. International Airport Rd., 15-1, Anchorage, AK 99502.
 IN CASE OF EMERGENCY, CONTACT CHEMTRAC AT 800-424-7000. (AFTER HOURS CALL 907)

Signature of Generator: **STEVEN A. GALT**
 Title: **SALES MGR**
 Signature of Receiver: **B. DAVIS**
 Title: **SALES MGR**

19. Transporter Name: **WASTELAND SERVICES**
 20. Transporter Address: **WASTELAND SERVICES**
 21. Transporter Telephone: **703-671-7733**
 22. Transporter State: **VA**

23. Manifest Type: **WHD 581 773 005**
 24. Manifest Date: **01/23/90**
 25. Manifest Number: **1E019**
 26. Manifest Type: **541-454-2010**

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE019	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.		
23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number 5			
24. Transporter <u>3</u> Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID			
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.		27. US EPA ID Number HED 001 792 910		O. Transporter's Phone 206-903-8300		P. State Transporter's ID	
				Q. Transporter's Phone 402-271-4400			
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a. <small>HM</small>			No.	Type			
b.							
c.							
d.							
e.							
f.							
g.							
h.							
i.							
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information							
33. Transporter <u>3</u> Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name Cynthia Cross		Signature Cynthia Cross		Month Day Year 7 17 05			
34. Transporter <u>3</u> Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name Anatolij		Signature [Signature]		Month Day Year 11 17 05			
35. Discrepancy Indication Space							

GENERATOR COPY



GENERATOR	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE019	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.	
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 PT. WAINWRIGHT, AK 99703-0066					L. State Manifest Document Number	
	24. Transporter ⁵ Company Name Columbia Ridge Landfill					25. US EPA ID Number ORD 987 173 457	
	26. Transporter _____ Company Name					27. US EPA ID Number	
						N. State Transporter's ID	
TRANSPORTER	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					29. Containers	
		HM					
	a.						
	b.						
	c.						
	d.						
	e.						
	f.						
	g.						
	h.						
i.							
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information							
FACTOR	33. Transporter ³ Acknowledgement of Receipt of Materials					Date	
	Printed/Typed Name Cynthia Cresap			Signature <i>Cynthia Cresap</i>		Month Day Year 09/12/05	
	34. Transporter ⁵ Acknowledgement of Receipt of Materials					Date	
Printed/Typed Name Carmela Hughes			Signature <i>Carmela Hughes</i>		Month Day Year 09/15/05		
35. Discrepancy Indication Space							



**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE019
Profile #: 2320VC
Pounds Disposed: 33660 lbs.
Waste Type: Soil With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.


Julie Valdez
Special Waste Billing Department

From everyday collection to environmental protection, Think Green.® Think Waste Management.

059003

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 282891
DATE: 09/16/2005
TIME: 13:11 - 13:39
LOAD DATE: 09/16/2005
TIP DATE: 09/15/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV/ US A
TRUCK: 593149 TRAILER: FNWS8081
ORIGIN: SAV / SAVOOGNA CONTAINER: 8081
COMMENT:

P.O.: 593149
GROSS: 75520 LBS
TARE: 41860 LBS
NET: 33660 LBS
MANIFEST: NE019

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST)	1.00	U
PCSCP / PCS COMINGLE -(PCP)	16.83	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: IN: ANGELA TIMMERMAN B: ORARLI01PC

Weighmaster: OLT: ANGELA TIMMERMAN B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030



No 593149

SEP 15 09 11:29

DATE/TIME: _____
LOAD DATE: _____
CUSTOMER: Bristol / usace
PROFILE NUMBER: 2320 VC
TRUCK NUMBER: 650
TRAILER/CONTAINER NUMBER: FNWS 8081
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE 019

GROSS WEIGHT: 75520
TARE WEIGHT-TRACTOR: _____
TARE WGT-TRAILER/CONTAINER: 41860
NET WEIGHT: 33660

GATEHOUSE: DA
DRIVER: Jian
TRAIN ID: 4566113 ORIGIN: OX951
WASTE TYPE: Soil with PCBs
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS: _____
HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE020	2. Page 1 of 2 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066			
4. Generator's Phone (907) 353-7850		c/o Bristol Environmental	
5. Transporter 1 Company Name NORTHLAND SERVICES	6. US EPA ID Number WAD 981 773 005	A. State Transporter's ID	
		B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES	8. US EPA ID Number WAD 981 773 005	C. State Transporter's ID	
		D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR		E. State Facility's ID	
		F. Facility's Phone 541-454-2030	
10. US EPA ID Number ORD 987 173 457			

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Material not regulated by DOT	01	CM	32,370	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC	H. Handling Codes for Wastes Listed Above
---	---

15. Special Handling Instructions and Additional Information
**Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl
 Alaska Environmental Services BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502.
 In case of emergency, contact CHEMTREC at 800-424-9300. Baker box # PNWS 8131**



16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

ALCOE / QAR ON BEHALF OF LISACO E / FOR QAR		Date
Printed/Typed Name STEVE A. "SAM" MILLS	Signature <i>S. A. Mills</i>	Month Day Year 8 01 05

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name <i>Steve Glasman</i>	Signature <i>Steve Glasman</i>	Month Day Year 8 4 05

18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name <i>Mark Jurek</i>	Signature <i>Mark Jurek</i>	Month Day Year 8 13 05

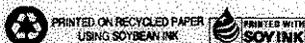
19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		Date
Printed/Typed Name <i>Angela Timmerman</i>	Signature <i>Angela Timmerman</i>	Month Day Year 9 19 05

NON-HAZARDOUS WASTE GENERATOR

GENERATOR	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE020	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.				
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066					L. State Manifest Document Number				
	24. Transporter 3 Company Name West Coast Trucking					25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID		
	26. Transporter 4 Company Name Union Pacific Railroad Co.					27. US EPA ID Number NED 001 792 910		O. Transporter's Phone 206-903-8300		
								P. State Transporter's ID		
								Q. Transporter's Phone 402-271-4400		
TRANSPORTER	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.	
					No.	Type				
	a.									
	b.									
	c.									
	d.									
	e.									
	f.									
	g.									
	h.									
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above				
32. Special Handling Instructions and Additional Information										
FACILITY	33. Transporter Acknowledgement of Receipt of Materials								Date	
	Printed/Typed Name YAKOSTAV KOLEISKOVA				Signature <i>[Signature]</i>				Month Day Year 09/13/02	
	34. Transporter Acknowledgement of Receipt of Materials								Date	
Printed/Typed Name <i>[Signature]</i>				Signature <i>[Signature]</i>				Month Day Year 10/13		
35. Discrepancy Indication Space										

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE020	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.		
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066		L. State Manifest Document Number			
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457	N. State Transporter's ID		O. Transporter's Phone 541-454-2030		
26. Transporter _____ Company Name		27. US EPA ID Number	P. State Transporter's ID		Q. Transporter's Phone		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
			No.	Type			
HM	a.						
	b.						
	c.						
	d.						
	e.						
	f.						
	g.						
	h.						
	i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information							
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials			Date			
	Printed/Typed Name <i>Carmela Hughes</i>		Signature <i>Carmela Hughes</i>		Month	Day	Year
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials			Date			
	Printed/Typed Name		Signature		Month	Day	Year
35. Discrepancy Indication Space							





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE020
Profile #: 2320VC
Pounds Disposed: 33580 lbs.
Waste Type: Soil w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads "Angela Timmerman".

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

058986

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 282784
DATE: 09/16/2005
TIME: 09:34 - 09:34
LOAD DATE: 09/14/2005
TIP DATE: 09/15/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV/ US A
TRUCK: 593151
ORIGIN: SAV / SAVOOGNA
COMMENT:

TRAILER: PWWS8131
CONTAINER: 8131

P.O.: 593151
GROSS: 75200 LBS
TARE: 41620 LBS
NET: 33580 LBS
MANIFEST: ME020

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST)	1.00	U
PCSCE / PCS COMINGLE -(PCP)	16.79	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: _____
IN: ANGELA TIMMERMAN B: ORARLI01PC

Weighmaster: _____
OUT: ANGELA TIMMERMAN B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030



No 593151

DATE/TIME: 01:09PM 09/15/2005

LOAD DATE: _____

CUSTOMER: Bristol / USACE

PROFILE NUMBER: 2320 VC

TRUCK NUMBER: 96-05

TRAILER/CONTAINER NUMBER: PWWS 8131

SEAL NUMBER: _____

CUSTOMER INVOICE NO.: ME020

GROSS WEIGHT: 75200 lb

TARE WEIGHT-TRACTOR: 41620

TARE WGT.-TRAILER/CONTAINER: 33580

NET WEIGHT: _____

GATEHOUSE: _____

DRIVER: *AM*

TRAIN ID: 456213 ORIGIN: 0X201

WASTE TYPE: Soil with PCBs

DISPOSAL: CM DC BU GRID SEGREGATE

REMARKS: _____

HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE021	2. Page 1 of XX 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT WAINWRIGHT, AK 99703-0066					
4. Generator's Phone (907) 353-7850				c/o Bristol Environmental	
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
				B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Landfill 18177 Cedar Springs Lane Arlington, OR		10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT			No. 01 Type CM	23,260	P
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. PNWS 8120 Profile No. 2320VC			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl XXXXXXXXXXXXXXXXXX BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact CHEMPREC at 800-424-9300. Baker box # PNWS 8120					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name STEVE A. "SAM" MILLS			Signature <i>S.A. Mills</i>		Date 8/01/05
17. Transporter 1 Acknowledgement of Receipt of Materials			Signature		Date
Printed/Typed Name			Signature		Month Day Year
18. Transporter 2 Acknowledgement of Receipt of Materials			Signature		Date
Printed/Typed Name			Signature		Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Angela Timmerman			Signature <i>Angela Timmerman</i>		Date 9/15/05

NON-HAZARDOUS WASTE GENERATOR

GENERAL FACTORY TRANSPORTER	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE021	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.				
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066					L. State Manifest Document Number				
	24. Transporter <u>3</u> Company Name West Coast Trucking					25. US EPA ID Number WAB 000 016 683				
	26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.					27. US EPA ID Number NED 001 792 910				
	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					29. Containers		30. Total Quantity		31. Unit
						No.		Type		Wt/Vol
	a.									
	b.									
	c.									
	d.									
e.										
f.										
g.										
h.										
i.										
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above					
32. Special Handling Instructions and Additional Information										
33. Transporter <u> </u> Acknowledgement of Receipt of Materials					Date					
Printed/Typed Name <i>W. S. ...</i>					Signature <i>[Signature]</i>			Month		Day Year
34. Transporter <u> </u> Acknowledgement of Receipt of Materials					Date					
Printed/Typed Name <i>W. S. ...</i>					Signature <i>[Signature]</i>			Month		Day Year
35. Discrepancy Indication Space										



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE021	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.	
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number	
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill			25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID
26. Transporter _____ Company Name			27. US EPA ID Number		O. Transporter's Phone 541-454-2030
					P. State Transporter's ID
					Q. Transporter's Phone
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			29. Containers		R. Waste No.
			No.	Type	30. Total Quantity
					31. Unit Wt/Vol
a.					
b.					
c.					
d.					
e.					
f.					
g.					
h.					
i.					
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above	
32. Special Handling Instructions and Additional Information					
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials				Date
	Printed/Typed Name Carmela Hughes		Signature Carmela Hughes		Month Day Year 09/15/05
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials				Date
	Printed/Typed Name		Signature		Month Day Year
35. Discrepancy Indication Space					





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE021
Profile #: 2320VC
Pounds Disposed: 22280 lbs.
Waste Type: Soil w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

Angela Timmerman

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green.® Think Waste Management.

058985

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 252783
DATE: 09/16/2005
TIME: 09:34 - 09:34
LOAD DATE: 09/14/2005
TIP DATE: 09/15/2005

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV/ US A
TRUCK: 593150 TRAILER: PNWS8120
ORIGIN: SAV / SAVOOGNA CONTAINER: 8120
COMMENT:

P.O.: 593150
GROSS: 66760 LBS
TARE: 44480 LBS
NET: 22280 LBS
MANIFEST: NE021

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST)	1.00	U
PCSCP / PCS COMINGLE -(PCP)	11.14	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: ANGELA TIMMERMAN B: ORARLI01FC

Weighmaster: ANGELA TIMMERMAN B: ORARLI01FC

Oregon Waste Systems
A Waste Management Company

18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030



No 593150

DATE/TIME: 07:31AM 09/15/2005
LOAD DATE:
CUSTOMER: Bristol/USACE
PROFILE NUMBER: 2320VC
TRUCK NUMBER: 972-522
TRAILER/CONTAINER NUMBER: PNWS 8120
SEAL NUMBER:
CUSTOMER INVOICE NO.: NE021

GROSS WEIGHT: 66760 lb
TARE WEIGHT-TRACTOR: 44480
TARE WGT.-TRAILER/CONTAINER: 22280
NET WEIGHT:

GATEHOUSE: Cell
DRIVER: Rita
TRAIN ID: USEGL13 ORIGIN: 08751
WASTE TYPE: Soil with PCBs
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS:
HAULER:

NON-HAZARDOUS WASTE MANIFEST

NON-HAZARDOUS WASTE MANIFEST

Generator's EPA ID No.
MSD 000 328 395

Manifest Number
MS022
MS022

Page 1
 of 3

Generator's Name and Street Address
GRAND STATE WASTE/RECYCLE STAFF
PO BOX 35056 FT WASHINGTON, AR 72703-0056

Generator's City, State and Zip
FT WASHINGTON, AR 72703

Receiver's Name
c/o Bristol Environmental

Generator's Company Name
WORLDWIDE SERVICES

US EPA ID Number
WAD 001 773 005

Receiver's Company Name
BRISTOL ENVIRONMENTAL

Receiver's City, State and Zip
BRISTOL, AR 72414

Generator's City, State and Zip
WORLDWIDE SERVICES

US EPA ID Number
WAD 001 773 005

Receiver's City, State and Zip
BRISTOL, AR 72414

Receiver's City, State and Zip
BRISTOL, AR 72414

Generator's Facility Name and Site Address
Columbia Edison Landfill

Generator's Facility Name and Site Address
INLET Under Springs Lane

Generator's Facility Name and Site Address
Arlington, AR

US EPA ID Number
MSD 007 173 487

Receiver's City, State and Zip
BRISTOL, AR 72414

III. WASTE DESCRIPTION

IV. Quantities
 a. Total Weight (Lbs.)
 b. Total Volume (Gals.)
 c. Other Units

Material not regulated by RCRA

29,470

P

V. Additional Descriptions for Manifest Listed Above

soil containing polychlorinated biphenyls. PCB out of service date 07/16/05.
 Profile No. 2120VC

VI. Handling Codes for Manifest Listed Above

VII. Special Handling Instructions and Additional Information

Send Final Manifest and Certificate of Receipt to the generator's agents: Patricia Carl
WORLDWIDE SERVICES, 3000 W. International Airport Rd., #C-1, Aubrey, AR 72002.
 In case of emergency, contact CHEMTRAC at 800-424-9300. **Enter box #MS 0024**

VIII. GENERATOR'S CERTIFICATION (The generator certifies that the information on this manifest is true and accurate, and that the waste is not a regulated solid waste under RCRA.)

ALL E / GAS ON REMAINING OF TANKS

Printed Name: **STEVE A. "Sam" Miller** Signature: **SA Miller** Date: **8/10/05**

Printed Name: _____ Signature: _____ Date: _____

Printed Name: _____ Signature: _____ Date: _____

Printed Name: _____ Signature: _____ Date: _____

Printed Name: **Angela Timmerman** Signature: **Angela Timmerman** Date: **9/15/05**

NON-HAZARDOUS WASTE

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKG 000 228 395	Manifest Document No. NE023	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number		
				M. State Generator's ID		
24. Transporter 3 Company Name West Coast Trucking		25. US EPA ID Number WAB 000 016 683		N. State Transporter's ID		
26. Transporter 4 Company Name Union Pacific Railroad Co.		27. US EPA ID Number NEB 001 792 910		O. Transporter's Phone 206-903-8300		P. State Transporter's ID
				Q. Transporter's Phone 402-271-4400		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
HM		No. Type				
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
33. Transporter 3 Acknowledgement of Receipt of Materials						Date
Printed/Typed Name		Signature				Month Day Year
34. Transporter 4 Acknowledgement of Receipt of Materials						Date
Printed/Typed Name		Signature				Month Day Year
35. Discrepancy Indication Space						

GENERATOR

TRANSPORTER

FACILITY



GENERATOR COPY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE022	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.		
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066		L. State Manifest Document Number			
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID			
26. Transporter _____ Company Name		27. US EPA ID Number		O. Transporter's Phone 541-454-2030			
				P. State Transporter's ID			
				Q. Transporter's Phone			
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
			No.	Type			
a.							
b.							
c.							
d.							
e.							
f.							
g.							
h.							
i.							
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information							
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials			Date			
	Printed/Typed Name Carmela Hughes			Signature Carmela Hughes		Month Day Year 09/15/05	
	34. Transporter _____ Acknowledgement of Receipt of Materials			Date			
Printed/Typed Name			Signature		Month Day Year		
FACILITY	35. Discrepancy Indication Space						





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 16, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 15, 2005
Manifest #: NE022
Profile #: 2320VC
Pounds Disposed: 30500 lbs.
Waste Type: Soil w/PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

Angela Timmerman

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.



Oregon Waste Systems
A Waste Management Company

18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030

No 593145

08:31AM 09/15/2005

DATE/TIME: _____
LOAD DATE: _____
CUSTOMER: Bristol/USACE
PROFILE NUMBER: 2320VC
TRUCK NUMBER: 96-05
TRAILER/CONTAINER NUMBER: PNWS 8024
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE022

GROSS WEIGHT: 72260 lb
TARE WEIGHT-TRACTOR: _____
TARE WGT.-TRAILER/CONTAINER: 41760
NET WEIGHT: 30500

GATEHOUSE: Car
DRIVER: Jim
TRAIN ID: US66L13 ORIGIN: 0X951
WASTE TYPE: Soil with PCB
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS: _____

HAULER: _____

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV / US A
TRUCK: 593145
ORIGIN: SAV / SAVOONA
COMMENT:

TRAILER: PMS8024
CONTAINER: 8024

P.O.: 593145
GROSS: 72260 LBS
TARE: 41760 LBS
NET: 30500 LBS
MANIFEST: NE022

TICKET: 282781
DATE: 09/15/2005
TIME: 09:17 - 09:17
LOAD DATE: 09/14/2005
TIP DATE: 09/15/2005

058983

WASTE
TRANSUSPW / TRANS BY UNIT SPW (ST)
PCSCP / PCS COMINGLE -(PCP)
LOC-U-SPW / LOCAL TRANS BY UNIT SPW

NET/TONS
1.00
15.25
1.00
UNIT
U
T
U

Driver: _____
IN: ANGELA TIMMERMAN

E: ORARL101PC

Weldmaster:
OUT: ANGELA TIMMERMAN

B: ORARL101PC

NON-HAZARDOUS WASTE MANIFEST

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AZD 001 773 605		2. Waste GENERAL WASTE		3. Page 1 of 3	
4. Generator's Name and Street Address GRABY WASTE RECYCLEMENT CO PO BOX 15044 FT WASHINGTON, AZ 85703-0044				5. Generator's Phone 602-333-7850			
6. Transporter's Company Name ENVIRONMENTAL SERVICES		7. US EPA ID Number AZD 001 773 605		8. Transporter's ID 001		9. Transporter's Phone 602-474-3115	
10. Transporter's Name and Street Address Columbia Ridge Landfill 14177 Cedar Springs Lane Arlington, AZ		11. US EPA ID Number AZD 007 173 457		12. Transporter's ID 001		13. Transporter's Phone 541-434-3070	
14. Waste Description				15. Container No.	16. Container Type	17. Net Weight	18. Hazardous Waste Code
a. Material not regulated by RCRA				01	CN	21,590	F
b. Additional Descriptions for Materials Listed Above Ball containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. Z120VC				19. Handling Codes for Wastes Listed Above			
20. Special Handling Instructions and Additional Information a. Send Final Manifest and Certificate of Disposal to the generator's agent: Patricia Curt ENVIRONMENTAL SERVICES, 2000 W. International Airport Rd., #C-1, Anchorage, AZ 99501. In case of emergency, contact ENVISERV at 602-474-3300. Baker Box # PMS 0071							
21. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this manifest are true and accurate and that I am not aware of any other hazardous waste at this location. I hereby certify that the waste described on this manifest is not subject to state hazardous waste regulation.							
22. Signature of Generator <i>Steve A. Mills</i>				23. Signature of Transporter <i>Steve A. Mills</i>		Date 8/10/05	
24. Signature of Receiver <i>Steve A. Mills</i>				25. Signature of Transporter <i>Steve A. Mills</i>		Date 8/10/05	
26. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, as prescribed in item 14.							
27. Signature of Facility Owner or Operator <i>Steve A. Mills</i>				28. Signature of Transporter <i>Steve A. Mills</i>		Date 8/10/05	

NON-HAZARDOUS WASTE

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE023	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066		L. State Manifest Document Number		
24. Transporter <u>3</u> Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID		O. Transporter's Phone 206-903-8300
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.		27. US EPA ID Number NED 001 792 910		P. State Transporter's ID		Q. Transporter's Phone 402-271-4400
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers		30. Total Quantity
				No.	Type	
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter Acknowledgement of Receipt of Materials				Date	
	Printed/Typed Name		Signature		Month	Day Year
FACILITY	34. Transporter Acknowledgement of Receipt of Materials				Date	
	Printed/Typed Name		Signature		Month	Day Year
35. Discrepancy Indication Space						



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE023	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.	
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066		L. State Manifest Document Number		
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number CED 987 173 457		N. State Transporter's ID		O. Transporter's Phone 541-454-2030
26. Transporter _____ Company Name		27. US EPA ID Number		P. State Transporter's ID		Q. Transporter's Phone
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials		Signature		Date	
	Printed/Typed Name Carmela Hughes		Carmela Hughes		Month Day Year 9/16/05	
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials		Signature		Date	
	Printed/Typed Name				Month Day Year	
35. Discrepancy Indication Space						





**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

September 20, 2005

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: September 19, 2005
Manifest #: NE023
Container #: PNWS8071
Profile #: 2320VC
Pounds Disposed: 33160 lbs.
Waste Type: Concrete With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads 'Angela Timmerman'.

Angela Timmerman
Special Waste Billing Department

From everyday collection to environmental protection, Think Green.® Think Waste Management.



Oregon Waste Systems
A Waste Management Company

18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030

No 593308

DATE/TIME: 12:54PM 09/16/2005
LOAD DATE: _____
CUSTOMER: Bristol/USACE
PROFILE NUMBER: 2320VC
TRUCK NUMBER: 96-05
TRAILER/CONTAINER NUMBER: PNWS 8071
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE 023

GROSS WEIGHT: 74660 lb
TARE WEIGHT-TRACTOR: _____
TARE WGT.-TRAILER/CONTAINER: 41500
NET WEIGHT: 33160

GATEHOUSE: Car
DRIVER: Jim
TRAIN ID: used 15 ORIGIN: OX951
WASTE TYPE: cell w/PCBs
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS: _____

HAULER: _____

Driver: _____
IN: ANGELA TIMMERMAN

E: ORAPL101PC

Weightmaster: _____
OUT: ANGELA TIMMERMAN

E: ORAPL101PC

WASTE
LOC-U-SPW / LOCAL TRANS BY UNIT SPW
TRANSUSPW / TRANS BY UNIT SPW (ST
PCSCP / PCS COMINGLE --(PCP)

NET/TONS
1.00 U
1.00 U
16.58 T

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV / US A
TRUCK: 593308
ORIGIN: SAV / SAVOOSNA
COMMENT:

TRAILER: PWS8071
CONTAINER: 8071
MANIFEST: NE023
E.O.: 593308
GROSS: 74660 LBS
TARE: 41500 LBS
NET: 33160 LBS

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030

TICKET: 283329
DATE: 09/20/2005
TIME: 08:21 - 08:21
LOAD DATE: 09/16/2005
TIP DATE: 09/16/2005

059114

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE024	2. Page 1 of 3								
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental									
4. Generator's Phone (907) 353-7850													
5. Transporter 1 Company Name Northland Services		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID									
7. Transporter 2 Company Name Northland Services		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113									
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 987 173 457		C. State Transporter's ID									
				D. Transporter 2 Phone 800-426-3113									
				E. State Facility's ID									
				F. Facility's Phone 541-454-2030									
				11. WASTE DESCRIPTION				12. Containers					
a. Material not regulated by DOT b. c. d.				No.		Type		13. Total Quantity		14. Unit Wt./Vol.			
				01		CM		16,460		P			
G. Additional Descriptions for Materials Listed Above Non-Friable Asbestos Profile # 2370VC						H. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information Conex XXXX C422 Send final Manifest and Certificate of Disposal to the generator's agent: Patricia Cur BEESC, 2000 W. International Airport Rd., C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300.													
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.													
ON BEHALF OF LIS ADOE / POD:										Date			
Printed/Typed Name STEVE A. "SAM" MILLS				Signature <i>S.A. Mills</i>				Month Day Year 8/24/05					
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name <i>Steve A. Mills</i>						Signature <i>[Signature]</i>						Date 8/24/05	
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name <i>[Name]</i>						Signature <i>[Signature]</i>						Date 8/24/05	
19. Discrepancy Indication Space													
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.													
Printed/Typed Name Dicky McKinney										Signature <i>[Signature]</i>		Date 02/19/06	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE024		22. Page 2 of 3		Information in the shaded areas is not required by Federal law.			
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066		25. US EPA ID Number WAB 000 016 693		L. State Manifest Document Number				M. State Generator's ID	
24. Transporter <u>3</u> Company Name West Coast Trucking		25. US EPA ID Number WAB 000 016 693		N. State Transporter's ID		O. Transporter's Phone 206-903-8300					
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.		27. US EPA ID Number WED 001 792 910		P. State Transporter's ID		Q. Transporter's Phone 402-271-4400					
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.			
		No.		Type							
a.											
b.											
c.											
d.											
e.											
f.											
g.											
h.											
i.											
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above					
32. Special Handling Instructions and Additional Information											
33. Transporter <u> </u> Acknowledgement of Receipt of Materials								Date			
Printed/Typed Name X MICHAEL BARNICO				Signature <i>[Signature]</i>				Month		Day Year	
34. Transporter <u> </u> Acknowledgement of Receipt of Materials								Date			
Printed/Typed Name L. SUTHER				Signature <i>[Signature]</i>				Month		Day Year	
35. Discrepancy Indication Space											

UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE 024		22. Page 3 of 3	Information in the shaded areas is not required by Federal law.				
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number				
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill				25. US EPA ID Number ORD 987 173 457		M. State Generator's ID				
26. Transporter _____ Company Name				27. US EPA ID Number		N. State Transporter's ID				
						O. Transporter's Phone 541-454-2030				
						P. State Transporter's ID				
						Q. Transporter's Phone				
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.	
					No.	Type				
a.										
b.										
c.										
d.										
e.										
f.										
g.										
h.										
i.										
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above					
32. Special Handling Instructions and Additional Information										
TRANSPORTER	33. Transporter _____ Acknowledgement of Receipt of Materials							Date		
	Printed/Typed Name Carmela Hughes				Signature <i>Carmela Hughes</i>			Month Day Year 01 31 06		
	34. Transporter _____ Acknowledgement of Receipt of Materials							Date		
	Printed/Typed Name				Signature			Month Day Year		
RACTIVITY	35. Discrepancy Indication Space									



ASN-4 Asbestos Waste Shipment Report Form



PLEASE PRINT OR TYPE, except for required signatures. Questions? Contact the DEQ Asbestos Control Section, 2020 SW 4th, Ste. 400, Portland, OR 97201, (503) 229-5982, OR call 1-800-452-4011 for the phone number and location of your local regional DEQ office.

WASTE GENERATOR: (Contractor - Facility - Operator)

1. Asbestos removal site name and address: USARMY USACE NORTHEAST CAPE
P.O. BOX 35066 FT. WAINWRIGHT, ALASKA NA 99703-0066

Street City County Zip
Contact person: PAUL SCHNEIDER (ACOE) Phone: 907-353-7850

2. Operator's name and address: BRISTOL ENVIRONMENTAL & ENGINEERING SERVICES Phone: 907-563-0013
111 W. 16 STREET, SUITE 301 ANCHORAGE, ALASKA NA 99501

Street City County Zip

3. Waste disposal site: COLUMBIA RIDGE RECYCLING AND LANDFILL Phone: 541-454-2030
18177 CEDAR SPRINGS LANE ARLINGTON, OREGON GILLIAM 97812

Street City County Zip

4. Describe asbestos materials: NON-FRIABLE ASBESTOS FROM DEBRIS CLEANUP - BOILER

5. Containers: Number: C422 Type: CONEX

6. Total quantity (kilograms): 7,582 15 cubic yards per Patricia Curl @ Bristol 1-12-06
56

7. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport according to all government regulations. All movement of this asbestos-containing material is recorded on this Waste Shipment Record Form.

Name: PATRICIA CURL Company: BEESC
Signature: Patricia Curl Date: 9/27/05

TRANSPORTERS:

8. Transporter #1: (Acknowledgment of receipt of materials)
Agent: [Signature] Company: NORTHLAND SERVICES
Address: 100 PREFONTAINE PL S, SUITE 600, SEATTLE WA 98104 Phone: 800-426-3113
Signature: [Signature] Date: 1/16/06

9. Transporter #2: (Acknowledgment of receipt of materials)
Agent: [Signature] Company: NORTHLAND SERVICES
Address: 100 PREFONTAINE PL S, SUITE 600, SEATTLE WA 98104 Phone: 800-426-3113
Signature: [Signature] Date: 1/16/06

10. Transporter #3: (Acknowledgment of receipt of materials)
Agent: See Page 2 Company: _____
Address: _____ Phone: _____
Signature: _____ Date: _____

PROFILE 2370VC
Manifest: NE024

ASN-4 Asbestos Waste Shipment Report Form



PLEASE PRINT OR TYPE, except for required signatures. Questions? Contact the DEQ Asbestos Control Section, 2020 SW 4th, Ste. 400, Portland, OR 97201, (503) 229-5982, OR call 1-800-452-4011 for the phone number and location of your local regional DEQ office.

WASTE GENERATOR: (Contractor - Facility - Operator)

1. Asbestos removal site name and address: USARMY USACE NORTHEAST CAPE
P.O. BOX 35088 FT. WAINWRIGHT, ALASKA NA 99703-0066
Street City County Zip
Contact person: PAUL SCHNEIDER (ACOE) Phone: 907-353-7850

2. Operator's name and address: BRISTOL ENVIRONMENTAL & ENGINEERING SERVICES Phone: 907-563-0013
111 W. 16 STREET, SUITE 301 ANCHORAGE, ALASKA NA 99501
Street City County Zip

3. Waste disposal site: COLUMBIA RIDGE RECYCLING AND LANDFILL Phone: 541-454-2030
19177 CEDAR SPRINGS LANE ARLINGTON, OREGON GILLIAM 97812
Street City County Zip

4. Describe asbestos materials: NON-FRIABLE ASBESTOS FROM DEBRIS CLEANUP - BOILER

5. Containers: Number: C422 Type: CONEX

6. Total quantity (kilograms): 7.582 15 cubic yards per Patricia Curl @ Bristol 1-12-06
SG

7. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport according to all government regulations. All movement of this asbestos-containing material is recorded on this Waste Shipment Record Form.

Name: PATRICIA CURL Company: BEESC
Signature: Patricia Curl Date: 9/27/05

TRANSPORTERS:

8. Transporter #1: (Acknowledgment of receipt of materials)
Agent: _____ Company: NORTHLAND SERVICES
Address: 100 PREFONTAINE PL S, SUITE 600, SEATTLE WA 98104 Phone: 800-426-3113
Signature: _____ Date: _____

9. Transporter #2: (Acknowledgment of receipt of materials)
Agent: _____ Company: NORTHLAND SERVICES
Address: 100 PREFONTAINE PL S, SUITE 600, SEATTLE WA 98104 Phone: 800-426-3113
Signature: _____ Date: _____

10. Transporter #3: (Acknowledgment of receipt of materials)
Agent: DOUG NAEOP Company: WEST COAST TRUCKING
Address: 3433 AIRPORT WAY S, Phone: 206-957-7721
Signature: Douglas Naeop Date: 1-13-2006

PROFILE 2370VC
Manifest: NR024

2013

ASN-4 Asbestos Waste Shipment Report Form Continued



WASTE GENERATOR: (Contractor - Facility - Operator)

Asbestos removal site name and address: USARMY USACE NORTHEAST CAPE
P.O. BOX 35066 FT. WAINWRIGHT, ALASKA NA 99703-0066
 Street City County Zip

Describe asbestos materials: NON-FRIABLE ASBESTOS FROM DEBRIS CLEANUP - TRANSITE SIDING

TRANSPORTERS CONTINUED:

11. Transporter #4: (Acknowledgment of receipt of materials)
 Agent: _____ Company: UNION PACIFIC RAILROAD COMPANY
 Address: 1416 DODGE STREET, OMAHA, NE 68179 Phone: 402-271-4400
 Signature: _____ Date: _____
12. Transporter #5: (Acknowledgment of receipt of materials)
 Agent: _____ Company: UNION PACIFIC RAILROAD COMPANY
 Address: 1416 DODGE STREET, OMAHA, NE, 68179 Phone: 402-271-4400
 Signature: _____ Date: _____
13. Transporter #6: (Acknowledgment of receipt of materials)
 Agent: L SAHWA Company: U/M
 Address: 402 S. Dawson St. WA Phone: 7641541
 Signature: _____ Date: 1/10/08
13. Transporter #7: (Acknowledgment of receipt of materials)
 Agent: _____ Company: _____
 Address: _____ Phone: _____
 Signature: _____ Date: _____

DISPOSAL: (Certification of receipt of asbestos materials covered by this manifest, except as noted in item 11 below.)

14. Waste Disposal Site: COLUMBIA RIDGE RECYCLING & LANDFILL
 Name and title: Shannee Grogan, Cust Date: 1-31-08
 Signature: _____ Phone: 541-454-2030

15. DISCREPANCY SPACE: (Add attachments as needed)

PROFILE 2370VC
 Manifest: NE025



**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

February 1, 2006

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: February 01, 2006
Manifest #: NE024
Container #: NONU000422
Profile #: 2370VC
Pounds Disposed: 15920 lbs.
Waste Type: Non-Friable Debris

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads "Victoria McKinney".

Victoria McKinney
Special Waste Billing Department

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 315055
DATE: 02/01/2006
TIME: 09:15 - 09:15
LOAD DATE: 01/11/2006
TIP DATE: 02/01/2006

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2370VC / BRISTOL/US ARMY U
TRUCK: 602579 TRAILER: NONU000422
ORIGIN: SAVOONGA / SAVOONGA CONTAINER: NONU000422
COMMENT: MANIFEST: NE024

P.O.: 602579
GROSS: 60720 LBS
TARE: 44800 LBS
NET: 15920 LBS

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST)	1.00	U
NASE / NON FRIABLE ASBESTOS (ASP)	7.96	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: VICKY MCKINNEY B: ORARLI01PC

Weighmaster: VICKY MCKINNEY B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030

JAN 31 AM 8:10

No: 602579

DATE/TIME: _____
LOAD DATE: _____
CUSTOMER: BRISTOL/USACE
PROFILE NUMBER: 2370 VC
TRUCK NUMBER: 709
TRAILER/CONTAINER NUMBER: NONU 000422
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE024

GROSS WEIGHT: 60720
TARE WEIGHT-TRACTOR: _____
TARE WGT.-TRAILER/CONTAINER: 44800
NET WEIGHT: 15920

GATEHOUSE: _____
DRIVER: DM
TRAIN ID: W0210 ORIGIN: OX 95
WASTE TYPE: NON FRIABLE DEBRIS
DISPOSAL: CM DC BU GRID, SEGREGATE
REMARKS: _____
HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Form 8700 of 7/94

(Form designed to meet RCRA 106 and 128 requirements)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's LEPA# (EPA ID): AND 999 376 195		Master Document No: NE071		2. Page 1 of 2	
3. Generator Name and Facility Name: USARMY QUARTERS NORTHHEART CAMP PO BOX 15044, FT. WAINWRIGHT, AK 99703-0044				c/o Bristol Environmental			
4. Contact Person: BOB MILLER							
5. Transporter 1 Company Name: Northland Services		6. LEPA# Number: WAD 991 773 805		A. State Transporter ID:		B. Transporter Phone: 907-428-1111	
7. Transporter 2 Company Name: Northland Services		8. LEPA# Number: WAD 991 773 805		C. State Transporter ID:		D. Transporter Phone: 907-428-1111	
9. Designated Facility Name and Site Address: Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, AK 99011		10. LEPA# Number: AND 997 173 457		E. State Facility ID:		F. Facility Phone: 947-454-2000	
11. WASTE DESCRIPTION				12. Container		13. Total Quantity	
a. Material not regulated by RCRA				No. Type		14. Unit Weight	
				01 CN		F	
15. Additional Description for Manifest Label (e.g., ASBESTOS Non-Friable Asbestos Profile # 2070VC)				16. Manifest Codes No. (For use on label only)			
17. State manifest number and additional remarks: AKMS 8510 299170 Send final Manifest and Certificate of Disposal to the generator's agent: Patricia Carl NEESC, 2000 W. International Airport Rd., C-1, Anchorage, AK 99507. In case of emergency, contact CHEMTREC at 800-424-9300.							
HAZARDOUS WASTE							
18. GENERATOR'S CERTIFICATION: I hereby certify that the material described on this manifest is not a RCRA regulated hazardous waste as defined in 40 CFR 302.6.							
19. Generator 1 Acknowledgment of Receipt of Materials Print/Typed Name: STEVE A. MILLER				Signature: <i>[Signature]</i>		Date: 11/13/03	
20. Generator 2 Acknowledgment of Receipt of Materials Print/Typed Name: _____				Signature: _____		Date: _____	
21. Consignee's Acknowledgment of Receipt of Materials Print/Typed Name: _____				Signature: _____		Date: _____	
22. Facility Owner or Operator Certification: I hereby certify that the waste manifests covered by this manifest, except as noted in Item 15.				Signature: <i>[Signature]</i>		Date: 11/13/03	

NON-HAZARDOUS WASTE

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE025	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number	
24. Transporter <u>3</u> Company Name West Coast Trucking			25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.			27. US EPA ID Number NED 001 792 910		O. Transporter's Phone 206-903-8300
					P. State Transporter's ID
					Q. Transporter's Phone 402-271-4400
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers	30. Total	31. Unit	R. Waste No.
		No.	Quantity	W/Vol	
a.					
b.					
c.					
d.					
e.					
f.					
g.					
h.					
i.					
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above	
32. Special Handling Instructions and Additional Information					
TRANSPORTER	33. Transporter Acknowledgement of Receipt of Materials				Date
	Printed/Typed Name VITALIE SARANIVIC		Signature <i>[Signature]</i>		Month Day Year
FACILITY	34. Transporter Acknowledgement of Receipt of Materials				Date
	Printed/Typed Name Vladimir Stodnick		Signature <i>[Signature]</i>		Month Day Year
35. Discrepancy Indication Space					



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AZD 000 238 395	Manifest Document No. NE 025	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.
23. Generator's Name USARF USACE BORTHEAST CAMP PO BOX 35066, FT WASHINGTON, AR 70703-0066			24. Manifest Document Number		25. Manifest ID
26. Transporter Company Name Columbia Bridge Landfill		27. US EPA ID Number AZD 000 173 457		28. Manifest ID	
29. Transporter Company Name		27. US EPA ID Number		28. Manifest ID	
29. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers	30. Total Quantity	31. Net Weight	32. Hazardous
		No.	Type		
a.					
b.					
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LC.					
LD.					
LE.					
LF.					

ASN-4 Asbestos Waste Shipment Report Form



PLEASE PRINT OR TYPE, except for required signatures. Questions? Contact the DEQ Asbestos Control Section, 2020 SW 4th, Ste. 400, Portland, OR 97201, (503) 229-5982, OR call 1-800-452-4011 for the phone number and location of your local regional DEQ office.

WASTE GENERATOR: (Contractor - Facility - Operator)

1. Asbestos removal site name and address: USARMY USACE NORTHEAST CAPE
P.O. BOX 35066 FT. WAINWRIGHT, ALASKA NA 99703-0066
Street City County Zip
Contact person: PAUL SCHNEIDER (ACQE) Phone: 907-353-7850

2. Operator's name and address: BRISTOL ENVIRONMENTAL & ENGINEERING SERVICES Phone: 907-563-0013
111 W. 16 STREET, SUITE 301 ANCHORAGE, ALASKA NA 99501
Street City County Zip

3. Waste disposal site: COLUMBIA RIDGE RECYCLING AND LANDFILL Phone: 541-454-2030
18177 CEDAR SPRINGS LANE ARLINGTON, OREGON GILLIAM 97812
Street City County Zip

4. Describe asbestos materials: NON-FRIABLE ASBESTOS FROM DEBRIS CLEANUP - BOILER

5. Containers: Number: NSIU299170 Type: CONEX

6. Total quantity (kilograms): 1,395 3 cubic yards per Patricia Curl @ Bristol 1-12-06
56

7. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport according to all government regulations. All movement of this asbestos-containing material is recorded on this Waste Shipment Record Form.
Name: PATRICIA CURL Company: BEESC
Signature: Patricia Curl Date: 9/27/05

TRANSPORTERS:

8. Transporter #1: (Acknowledgment of receipt of materials)
Agent: [Signature] Company: NORTHLAND SERVICES
Address: 100 PREFONTAINE PL S, SUITE 600, SEATTLE WA 98104 Phone: 800-426-3113
Signature: [Signature] Date: 1/13/06

9. Transporter #2: (Acknowledgment of receipt of materials)
Agent: [Signature] Company: NORTHLAND SERVICES
Address: 100 PREFONTAINE PL S, SUITE 600, SEATTLE WA 98104 Phone: 800-426-3113
Signature: [Signature] Date: 1/13/06

10. Transporter #3: (Acknowledgment of receipt of materials)
Agent: Sell Pe 2 Company: PUGET SOUND TRUCK LINES INC.
Address: PO BOX 24065, SEATTLE, WA 98124 Phone: 206-623-1600
Signature: _____ Date: _____

PROFILE 2370VC.
Manifest: NE025

FEB 03 2006

BRISTOL

ASN-4 Asbestos Waste Shipment Report Form



PLEASE PRINT OR TYPE, except for required signatures. Questions? Contact the DEQ Asbestos Control Section, 2020 SW 4th, Ste. 400, Portland, OR 97201, (503) 229-5982, OR call 1-800-452-4011 for the phone number and location of your local regional DEQ office.

WASTE GENERATOR: (Contractor - Facility - Operator)

1. Asbestos removal site name and address: USARMY USACE NORTHEAST CAPE
P.O. BOX 36066 FT. WAINWRIGHT, ALASKA NA 99703-0066

Street City County Zip
Contact person: PAUL SCHNEIDER (ACOE) Phone: 907-353-7850

2. Operator's name and address: BRISTOL ENVIRONMENTAL & ENGINEERING SERVICES Phone: 907-563-0013
111 W. 18 STREET, SUITE 301 ANCHORAGE ALASKA NA 99501

Street City County Zip

3. Waste disposal site: COLUMBIA RIDGE RECYCLING AND LANDFILL Phone: 541-454-2030
18177 CEDAR SPRINGS LANE ARLINGTON, OREGON GILLIAM 97112

Street City County Zip

4. Describe asbestos materials NON-FRIABLE ASBESTOS FROM DEBRIS CLEANUP - BOILER

5. Containers: Number: NSIU299170 Type: CONEX

6. Total quantity (kilograms): 1,395 3 cubic yards per Patricia Curl @ Bristol 1-12-06
56

7. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport according to all government regulations. All movement of this asbestos-containing material is recorded on this Waste Shipment Record Form.
Name: PATRICIA CURL Company: BEESC
Signature: Patricia Curl Date: 9/27/05

TRANSPORTERS:

8. Transporter #1: (Acknowledgment of receipt of materials)
Agent: _____ Company: NORTHLAND SERVICES
Address: 100 PREFONTAINE PL S, SUITE 600, SEATTLE WA 98104 Phone: 800-426-3113
Signature: _____ Date: _____

9. Transporter #2: (Acknowledgment of receipt of materials)
Agent: _____ Company: NORTHLAND SERVICES
Address: 100 PREFONTAINE PL S, SUITE 600, SEATTLE WA 98104 Phone: 800-426-3113
Signature: _____ Date: _____

10. Transporter #3: (Acknowledgment of receipt of materials)
Agent: Doug Noman Company: WEST COAST TRUCKING
Address: 3433 AIRPORT WAYS, Phone: 206-957-1921
Signature: Douglas Noman Date: 1-13-2006

PROFILE 2370VC
Manifest NE025



ASN-4 Asbestos Waste Shipment Report Form Continued

WASTE GENERATOR: (Contractor - Facility - Operator)

Asbestos removal site name and address: USARMY USACE NORTHEAST CAPE

<u>P.O. BOX 35066</u>	<u>FT. WAINWRIGHT, ALASKA</u>	<u>NA</u>	<u>99703-0066</u>
Street	City	County	Zip

Describe asbestos materials: NON-FRIABLE ASBESTOS FROM DEBRIS CLEANUP - TRANSITE AND BOILERS

TRANSPORTERS CONTINUED:

- 11. Transporter #4: (Acknowledgment of receipt of materials)

Agent: _____ Company: UNION PACIFIC RAILROAD COMPANY
 Address: 1416 DODGE STREE, OMAHA, NE, 68179 Phone: 402-271-4400
 Signature: _____ Date: _____
- 12. Transporter #5: (Acknowledgment of receipt of materials)

Agent: _____ Company: UNION PACIFIC RAILROAD COMPANY
 Address: 1416 DODGE STREE, OMAHA, NE, 68179 Phone: 402-271-4400
 Signature: _____ Date: _____
- 13. Transporter #6: (Acknowledgment of receipt of materials)

Agent: [Signature] Company: UPRR
 Address: 402 S Dawson Ave WA Phone: 7641541
 Signature: [Signature] Date: 1/27/06
- 13. Transporter #7: (Acknowledgment of receipt of materials)

Agent: _____ Company: _____
 Address: _____ Phone: _____
 Signature: _____ Date: _____

DISPOSAL: (Certification of receipt of asbestos materials covered by this manifest, except as noted in item 11 below.)

14. Waste Disposal Site: COLUMBIA RIDGE RECYCLING & LANDFILL
 Name and title: Shanne Cronquist Date: 1-31-06
 Signature: [Signature] Phone: 541-454-2030

15. DISCREPANCY SPACE: (Add attachments as needed)

PROFILE 2370VC Manifest: NE024



**COLUMBIA RIDGE LANDFILL &
RECYCLING CENTER**

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

February 1, 2006

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: February 01, 2006
Manifest #: NE025
Container #: NSIU299170
Profile #: 2370VC
Pounds Disposed: 3000 lbs.
Waste Type: Non-Friable Debris

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads "Victoria McKinney".

Victoria McKinney
Special Waste Billing Department

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 315056
DATE: 02/01/2006
TIME: 09:16 - 09:16
LOAD DATE: 01/11/2006
TIP DATE: 02/01/2006

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2370VC / BRISTOL/US ARMY U
TRUCK: 602580
ORIGIN: SAVOONGA / SAVOONGA
COMMENT:

TRAILER: NSIU299170
CONTAINER: NSIU299170

P.O.: 602580
GROSS: 47680 LBS
TARE: 44680 LBS
NET: 3000 LBS
MANIFEST: NE025

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST)	1.00	U
NASE / NON FRIABLE ASEBESTOS (ASP)	1.50	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: IN: VICKY MCKINNEY B: ORARLI01PC

Weighmaster: OUT: VICKY MCKINNEY B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030



Nº 602580

JAN 31 AM 9:45

DATE/TIME: _____

LOAD DATE: _____

CUSTOMER: Bristol / USACE

PROFILE NUMBER: 2370VC

TRUCK NUMBER: 700

TRAILER/CONTAINER NUMBER: NSIU 299170

SEAL NUMBER: _____

CUSTOMER INVOICE NO.: NE025

GROSS WEIGHT: 47680

TARE WEIGHT-TRACTOR: _____

TARE WGT-TRAILER/CONTAINER: 44680

NET WEIGHT: 3000

GATEHOUSE: _____

DRIVER: LF
Dan

TRAIN ID: W06110 ORIGIN: OX957

WASTE TYPE: non friable asbestos

DISPOSAL: CM DC BU GRID SEGREGATE

REMARKS: _____

HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NF026	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				
4. Generator's Phone (907)353-7850		c/o Bristol Environmental		
5. Transporter 1 Company Name Northland Services	6. US EPA ID Number WAD 981 773 005	A. State Transporter's ID		
7. Transporter 2 Company Name Northland Services	8. US EPA ID Number WAD 981 773 005	B. Transporter 1 Phone 800-426-3113		
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		C. State Transporter's ID		
10. US EPA ID Number ORD 987 173 457		D. Transporter 2 Phone 800-426-3113		
		E. State Facility's ID		
		F. Facility's Phone 541-454-2030		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT		No. 01	Type CM	P
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Wooden poles with creosote Profile # 2369VC		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. <div style="text-align: right;">Conex EMCU 279676</div>				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
ON BEHALF OF USACE / FOD:				Date
Printed/Typed Name STEVE A. "SAM" MILLS	Signature S.A. Mills	ACBE/QAR	Month 8	Day 24
17. Transporter 1 Acknowledgement of Receipt of Materials				Date
Printed/Typed Name James P. Cunningham	Signature J.P. Cunningham		Month 8	Day 24
18. Transporter 2 Acknowledgement of Receipt of Materials				Date
Printed/Typed Name Mick Anderson	Signature Mick Anderson		Month 11	Day 14
19. Discrepancy Indication Space				
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name BRIAN STANIC				Date
Signature Brian Stanic				Month 9
				Day 17
				Year 06

NON-HAZARDOUS WASTE GENERATOR

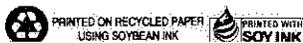


HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395		Manifest Document No. NE026		22. Page 2 of 3		Information in the shaded areas is not required by Federal law.			
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066		24. Transporter <u>3</u> Company Name West Coast Trucking		25. USEPA ID Number WAH 000 016 683		L. State Manifest Document Number		M. State Generator's ID	
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.		27. USEPA ID Number NED 001 792 910		N. State Transporter's ID		O. Transporter's Phone 206-903-8300		P. State Transporter's ID		Q. Transporter's Phone 402-271-4400	
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity		31. Unit		R. Waste No.		No.	
										Type	
a.											
b.											
c.											
d.											
e.											
f.											
g.											
h.											
i.											
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above					
32. Special Handling Instructions and Additional Information											
33. Transporter Acknowledgement of Receipt of Materials											
Printed/Typed Name <i>L. Sattin</i>								Signature <i>[Signature]</i>		Date Month Day Year 1 9 16	
34. Transporter Acknowledgement of Receipt of Materials											
Printed/Typed Name <i>iboroin SHADIC</i>								Signature <i>[Signature]</i>		Date Month Day Year 01 09 05	
35. Discrepancy Indication Space											

GENERATOR

TRANSPORTER

FACILITY



NON

HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE026	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.	
23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066			L. State Manifest Document Number		M. State Generator's ID	
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID		O. Transporter's Phone 541-454-2030
26. Transporter _____ Company Name		27. US EPA ID Number		P. State Transporter's ID		Q. Transporter's Phone
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			29. Containers	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.			No.	Type		
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter _____ Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name <i>Carmela Hughes</i>		Signature <i>Carmela Hughes</i>		Month Day Year 6/1/06	
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name		Signature		Month Day Year	
35. Discrepancy Indication Space						



ORIGINAL - RETURN TO GENERATOR



COLUMBIA RIDGE LANDFILL

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

January 17, 2006

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: January 17, 2006
Manifest #: NE026
Container #: EMCU279676
Profile #: 2369VC
Pounds Disposed: 18080 lbs.
Waste Type: Creosote Poles

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads "Victoria McKinney".

Victoria McKinney
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

066771

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 311116
DATE: 01/17/2006
TIME: 14:21 - 14:23
LOAD DATE: 01/10/2006
TIP DATE: 01/17/2006

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2369VC / BRISTOL/US ARMY U
TRUCK: 601478
ORIGIN: SAVOONGA / SAVOONGA
COMMENT:

TRAILER: EMCU279676
CONTAINER: 279676

P.O.: 601478
GROSS: 60460 LBS
TARE: 42380 LBS
NET: 18080 LBS
MANIFEST: NE026

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST)	1.00	U
SPWCM / SPECIAL WASTE COMINGLE (SPP)	9.04	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: IN: VICKY MCKINNEY B: ORARLI01PC

Weighmaster: OUT: VICKY MCKINNEY B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030

JAN 17 AM 8:34

No: 601478

DATE/TIME: _____
LOAD DATE: _____
CUSTOMER: Bristol / USACE
PROFILE NUMBER: 2369 VC
TRUCK NUMBER: 709
TRAILER/CONTAINER NUMBER: EMCU 279676
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE 026

GROSS WEIGHT: 60460
TARE WEIGHT-TRACTOR: _____
TARE WGT.-TRAILER/CONTAINER: 42380
NET WEIGHT: 18080

GATEHOUSE: VR
DRIVER: Dan
TRAIN ID: Wash 09 ORIGIN: OR 951
WASTE TYPE: CRUSTATE SOLID
DISPOSAL: CW DC BU GRID SEGREGATE
REMARKS: _____

HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NEO200 NFO27	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066			
4. Generator's Phone (907) 353-7850		c/o Bristol Environmental	
5. Transporter 1 Company Name Northland Services	6. US EPA ID Number WAD 981 773 005	A. State Transporter's ID	
		B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name Northland Services	8. US EPA ID Number WAD 981 773 005	C. State Transporter's ID	
		D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		E. State Facility's ID	
10. US EPA ID Number ORD 987 173 457		F. Facility's Phone 541-454-2030	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Material not regulated by DOT	01	CM		P
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above Wooden poles with creosote Profile # 2369VC		H. Handling Codes for Wastes Listed Above		

15. Special Handling Instructions and Additional Information Conex ~~XXXX~~ SAMU 216086
 Send final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl
 BEESC, 2000 W. International Airport Rd., C-1, Anchorage, AK 99502.
 In case of emergency, contact CHEMTREC at 800-424-9300.



16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

ON BEHALF OF US ACE / RPD:

Printed/Typed Name STEVE A. "SAM" MILLS	Signature <i>S.A. Mills</i>	Date Month Day Year 8 / 24 / 05
---	--------------------------------	--

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name James P. Cunningham	Signature <i>James P. Cunningham</i>	Date Month Day Year 8 / 27 / 05
---	---	--

18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name MIKE ANDERSON	Signature <i>Mike Anderson</i>	Date Month Day Year 11 / 14 / 05
---	-----------------------------------	---

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19. Printed/Typed Name Wickie McKenney	Signature <i>Wickie McKenney</i>	Date Month Day Year 1 / 17 / 06
---	-------------------------------------	--

NON-HAZARDOUS WASTE GENERATOR

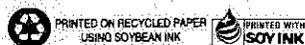
HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE027	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066		L. State Manifest Document Number		
24. Transporter 3 Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID		
26. Transporter 4 Company Name Union Pacific Railroad Co.		27. US EPA ID Number NED 001 792 910		O. Transporter's Phone 206-903-8300		
				P. State Transporter's ID		
				Q. Transporter's Phone 402-271-4400		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
33. Transporter Acknowledgement of Receipt of Materials					Date	
Printed/Typed Name <i>Anatoly Beronov</i>			Signature <i>[Signature]</i>		Month Day Year	
34. Transporter Acknowledgement of Receipt of Materials					Date	
Printed/Typed Name <i>SATHRE</i>			Signature <i>[Signature]</i>		Month Day Year <i>1/10/16</i>	
35. Discrepancy Indication Space						

GENERATOR FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395		Manifest Document No. NE027		22. Page 3 of 3		Information in the shaded areas is not required by Federal law.			
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066						L. State Manifest Document Number		M. State Generator's ID	
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID		O. Transporter's Phone 541-454-2030		P. State Transporter's ID		Q. Transporter's Phone	
26. Transporter _____ Company Name		27. US EPA ID Number									
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers		30. Total Quantity		31. Unit Wt/Vol		F. Waste No.	
				No.		Type					
a.											
b.											
c.											
d.											
e.											
f.											
g.											
h.											
i.											
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above					
32. Special Handling Instructions and Additional Information											
33. Transporter _____ Acknowledgement of Receipt of Materials											
Printed/Typed Name Carmela Hughes						Signature <i>Carmela Hughes</i>			Date 01/17/06		
34. Transporter _____ Acknowledgement of Receipt of Materials											
Printed/Typed Name						Signature			Date		
35. Discrepancy Indication Space											

GENERATOR

TRANSPORTER FACILITY





COLUMBIA RIDGE LANDFILL

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

January 18, 2006

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: January 17, 2006
Manifest #: NE027
Container #: SAMU216086
Profile #: 2369VC
Pounds Disposed: 7440 lbs.
Waste Type: Creosote Poles

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in black ink that reads 'Victoria McKinney'.

Victoria McKinney
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

066774

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 311131
DATE: 01/18/2006
TIME: 07:06 - 07:08
LOAD DATE: 01/11/2006
TIP DATE: 01/17/2006

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2369VC / BRISTOL/US ARMY U
TRUCK: 601536
ORIGIN: SAVOONGA / SAVOONGA
COMMENT:

TRAILER: SAMU216086
CONTAINER: 216086

P.O.: 601536
GROSS: 49800 LBS
TARE: 42360 LBS
NET: 7440 LBS
MANIFEST: NE027

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST)	1.00	U
SPWCM / SPECIAL WASTE COMINGLE (SPF)	3.72	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: IN: VICKY MCKINNEY B: ORARLI01PC

Weighmaster: OUT: VICKY MCKINNEY B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030
JAN 17 AM 11:42



N# 601536

DATE/TIME: _____
LOAD DATE: Bristol/USACE
CUSTOMER: 2369VC
PROFILE NUMBER: 709
TRUCK NUMBER: SAMU
TRAILER/CONTAINER NUMBER: 216086
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE027

GROSS WEIGHT: 49800
TARE WEIGHT-TRACTOR: _____
TARE WGT-TRAILER/CONTAINER: 42360
NET WEIGHT: 7440

GATEHOUSE: _____
DRIVER: PR
TRAIN ID: US 10
ORIGIN: OR 951
WASTE TYPE: CROSBY PELLETS
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS: _____
HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE028	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066					
4. Generator's Phone (907) 353-7850				c/o Bristol Environmental	
5. Transporter 1 Company Name Northland Services		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
				B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name Northland Services		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT			No. 01	Type CM	28,000 P
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. BAKER BOX #PNWS 8147					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
ON BEHALF OF US ACEE / POD:				Date	
Printed/Typed Name STEVE A. "SAM" MILLS		Signature S.A. Mills		Date 8/24/05	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name James P. Cunningham		Signature [Signature]		Date 8/27/05	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name Mike Anderson		Signature [Signature]		Date 11/17/05	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Dohy McKenney				Date 01/19/06	
Signature [Signature]					

NON-HAZARDOUS WASTE GENERATOR

HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE028	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number		
24. Transporter 3 Company Name West Coast Trucking				25. US EPA ID Number WAH 000 016 683		M. State Generator's ID
26. Transporter 4 Company Name Union Pacific Railroad Co.				27. US EPA ID Number NED 001 792 910		N. State Transporter's ID
				O. Transporter's Phone 206-903-8300		P. State Transporter's ID
				Q. Transporter's Phone 402-271-4400		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			29. Containers No.	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a. <input type="checkbox"/> HM						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
33. Transporter Acknowledgement of Receipt of Materials				Signature		Date
Printed/Typed Name VLADIMIR Butylev				[Signature]		Month Day Year 1 9 06
34. Transporter Acknowledgement of Receipt of Materials				Signature		Date
Printed/Typed Name				[Signature]		Month Day Year
35. Discrepancy Indication Space						

GENERATOR

TRANSPORTER

FACILITY



ORIGINAL - RETURN TO GENERATOR

HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395		Manifest Document No. NE028		22. Page 3 of 3		Information in the shaded areas is not required by Federal law.		
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066						L. State Manifest Document Number		M. State Generator's ID
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill				25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID		O. Transporter's Phone 541-454-2030		
26. Transporter _____ Company Name				27. US EPA ID Number		P. State Transporter's ID		Q. Transporter's Phone		
28. US DOT Description (Including Proper Shipping Name; Hazard Class, and ID Number)						29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
						No.	Type			
a.										
b.										
c.										
d.										
e.										
f.										
g.										
h.										
i.										
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above				
32. Special Handling Instructions and Additional Information										
33. Transporter _____ Acknowledgement of Receipt of Materials										
Printed/Typed Name <i>h. J. Thom</i>						Signature <i>[Signature]</i>			Date Month Day Year <i>1/9/16</i>	
34. Transporter _____ Acknowledgement of Receipt of Materials										
Printed/Typed Name <i>Carmela Hughes</i>						Signature <i>Carmela Hughes</i>			Date Month Day Year <i>01/19/16</i>	
35. Discrepancy Indication Space										





COLUMBIA RIDGE LANDFILL

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

January 19, 2006

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: January 19, 2006
Manifest #: NE028
Container #: PNWS8147
Profile #: 2320VC
Pounds Disposed: 26940 lbs.
Waste Type: Soil With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads 'Victoria McKinney'.

Victoria McKinney
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.



Oregon Waste Systems
A Waste Management Company

18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030

Nº 601476

DATE/TIME: JAN 19 am 10:04
LOAD DATE: _____
CUSTOMER: Bristol / USACE
PROFILE NUMBER: 2320 VC
TRUCK NUMBER: 723526
TRAILER/CONTAINER NUMBER: PNWS 8147
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE028

GROSS WEIGHT: 76720
TARE WEIGHT-TRACTOR: _____
TARE WGT-TRAILER/CONTAINER: 49780
NET WEIGHT: 26940

GATEHOUSE: KR
DRIVER: Rob
TRAIN ID: U02 PL 09 ORIGIN: OX 951
WASTE TYPE: solid w/ PCB's
DISPOSAL: (CM) DC BU GRID SEGREGATE

REMARKS: _____
HAULER: _____

Driver: IN: VICKY MCKINNEY E: ORARL101PC
Weldmaster:
Out: VICKY MCKINNEY E: ORARL101PC

WASTE: _____
TRANSLSPW / TRANS BY UNIT SPW (ST)
LOC-U-SPW / LOCAL TRANS BY UNIT SPW
PCSCP / PCS COMINGLE -(PCP)

NET/TONS UNIT
1.00 U
1.00 U
13.47 T

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV / US A
TRUCK: 601476
ORIGIN: SAV / SAVOOGWA
COMMENT: _____
TRAILER: ENWS8147
CONTAINER: ENWS8147

P.O.: 601476
GROSS: 76720 LBS
TARE: 49780 LBS
NET: 26940 LBS
MANIFEST: NE028

TICKET: 311754
DATE: 01/19/2006
TIME: 13:41 - 13:44
LOAD DATE: 01/10/2006
TIP DATE: 01/19/2006
066902

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE029	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental	
4. Generator's Phone (907) 353-7850					
5. Transporter 1 Company Name Northland Services		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
7. Transporter 2 Company Name Northland Services		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 987 173 457		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
				E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Material not regulated by DOT			No. Type		
			01 CM	22,440	P
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300.					
BAKER BOX # PNWS *** 8036					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
ON BEHALF OF U.S. ACE / ROD:					Date
Printed/Typed Name STEVE A. "SAM" MILLS		Signature S.A. Mills		ACOE/OAR	
				8 24 05	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name James P. Cunningham		Signature [Signature]		Date 8 24 05	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name Mick Anderson		Signature [Signature]		Date 11 14 05	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Wickie McKenney					Date
Signature Wickie McKenney					1 19 06

NON-HAZARDOUS WASTE GENERATOR



HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE029	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number		
				M. State Generator's ID		
24. Transporter 3 Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID		
26. Transporter 4 Company Name Union Pacific Railroad Co.		27. US EPA ID Number NED 001 792 910		O. Transporter's Phone 206-903-8300		
				P. State Transporter's ID		
				Q. Transporter's Phone 402-271-4400		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers		30. Total Quantity
				No.	Type	31. Unit Wt/Vol
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
S.				T.		
32. Special Handling Instructions and Additional Information						
32.						
TRANSPORTER	33. Transporter Acknowledgement of Receipt of Materials				Date	
	Printed/Typed Name			Signature	Month	Day
FACILITY	34. Transporter Acknowledgement of Receipt of Materials				Date	
	Printed/Typed Name L. Sathu			Signature	Month	Day
35. Discrepancy Indication Space						

HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE029	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.		
23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number			
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill				25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID	
26. Transporter _____ Company Name				27. US EPA ID Number		O. Transporter's Phone 541-454-2030	
						P. State Transporter's ID	
						Q. Transporter's Phone	
GENERATOR	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
	HM		No.	Type			
	a.						
	b.						
	c.						
	d.						
	e.						
	f.						
	g.						
	h.						
i.							
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information							
TRANSPORTER	33. Transporter _____ Acknowledgement of Receipt of Materials				Date		
	Printed/Typed Name Carmela Hughes				Signature Carmela Hughes		Month Day Year 6 1 19 06
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials				Date		
	Printed/Typed Name				Signature		Month Day Year
35. Discrepancy Indication Space							



COLUMBIA RIDGE LANDFILL

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

January 20, 2006

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: January 19, 2006
Manifest #: NE029
Container #: PNWS8036
Profile #: 2320VC
Pounds Disposed: 22140 lbs.
Waste Type: Soil With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads 'Victoria McKinney'.

Victoria McKinney
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.



Oregon Waste Systems
 A Waste Management Company
 18177 Cedar Springs Lane
 Arlington, Oregon 97812
 (541) 454-2030

No 601475

JAN 19 AM 11:01

DATE/TIME: _____
 LOAD DATE: _____
 CUSTOMER: Bristol JUSACE
 PROFILE NUMBER: 2320 VC
 TRUCK NUMBER: 709
 TRAILER/CONTAINER NUMBER: PNLUS 8036
 SEAL NUMBER: _____
 CUSTOMER INVOICE NO.: NE029

GROSS WEIGHT: 70160
 TARE WEIGHT-TRACTOR: _____
 TARE WGT-TRAILER/CONTAINER: 48020
 NET WEIGHT: 22140

GATEHOUSE: KK
 DRIVER: Dan

TRAIN ID: Use 09 ORIGIN: OK 951
 WASTE TYPE: wood left PCB's
 DISPOSAL: (CM) DC BU GRID SEGREGATE

REMARKS: _____

 HAULER: _____

Driver: _____
 IN: VICKY MCKINNEY E: CHARLIE@PC
 Weighmaster: _____
 OUT: VICKY MCKINNEY E: CHARLIE@PC

WASTE	NET / PONS	UNIT
TRANSUSPM / TRANS BY UNIT SPW (ST)	1.00	U
PCSCP / PCS CONTINGLE - (PCP)	11.07	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

CUSTOMER: BRISTOL ENVIRONMENTAL
 PROFILE: 2320VC / BRISTOL ENV / US A
 TRUCK: 601475
 ORIGIN: SAV / SAVOONA
 COMMENT:
 TRAILER: PMS8036
 CONTAINER: PMS8036
 P.O.: 601475
 GROSS: 70160 LBS
 TARE: 48020 LBS
 NET: 22140 LBS
 MANIFEST: NE029

M Columbia Ridge Landfill
 18177 Cedar Springs Lane
 Arlington, OR 97812
 (541)-454-2030
 TICKET: 311907
 DATE: 01/20/2006
 TIME: 08:53 - 08:59
 LOAD DATE: 01/10/2006
 TIP DATE: 01/19/2006

066957

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE030	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental	
4. Generator's Phone (907) 353-7850					
5. Transporter 1 Company Name Northland Services		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
7. Transporter 2 Company Name Northland Services		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812				C. State Transporter's ID	
10. US EPA ID Number ORD 987 173 457				D. Transporter 2 Phone 800-426-3113	
11. WASTE DESCRIPTION				E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
a. Material not regulated by DOT		12. Containers No. 01	Type CM	13. Total Quantity 33,660	14. Unit Wt./Vol. P
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date XXXX 07/16/05. Profile No. 2320VC				H. Handling Codes for Wastes Listed Above	
15. Special Handling Instructions and Additional Information Send final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. CONEX # KSCU 216275					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
ON BEHALF OF LIS ABE / POD:				Date	
Printed/Typed Name STEVE A. "SAM" MILLS		Signature <i>S.A. Mills</i>		Month Day Year 8 24 05	
17. Transporter 1 Acknowledgement of Receipt of Materials				Date	
Printed/Typed Name <i>James P. Cunningham</i>		Signature <i>[Signature]</i>		Month Day Year 8 24 05	
18. Transporter 2 Acknowledgement of Receipt of Materials				Date	
Printed/Typed Name MITCH ANDERSON		Signature <i>[Signature]</i>		Month Day Year 11 14 05	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Dicky McKinney				Date 8 24 05	
Signature <i>[Signature]</i>		Signature <i>[Signature]</i>		Month Day Year 8 24 05	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE 030	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number		
24. Transporter 3 Company Name West Coast Trucking				25. US EPA ID Number WAH 000 016 683		M. State Generator's ID
26. Transporter 4 Company Name Union Pacific Railroad Co.				27. US EPA ID Number NED 001 792 910		N. State Transporter's ID
				O. Transporter's Phone 206-903-8300		P. State Transporter's ID
				Q. Transporter's Phone 402-271-4400		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers	30. Total Quantity	31. Unit	R. Waste No.	
		No.		Wt/Vol		
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
33. Transporter Acknowledgement of Receipt of Materials						Date
Printed/Typed Name Ralph T James				Signature <i>[Signature]</i>		Month Day Year
34. Transporter Acknowledgement of Receipt of Materials						Date
Printed/Typed Name L. Smith				Signature <i>[Signature]</i>		Month Day Year
35. Discrepancy Indication Space						

HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No.	Manifest Document No.	22. Page	Information in the shaded areas is not required by Federal law.			
		AK0 000 228 395	NE 030	3 of 3				
23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number		M. State Generator's ID		
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID		O. Transporter's Phone 541-454-2030		
26. Transporter _____ Company Name		27. US EPA ID Number		P. State Transporter's ID		Q. Transporter's Phone		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
				No.	Type			
a.	HM							
b.								
c.								
d.								
e.								
f.								
g.								
h.								
i.								
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information								
TRANSPORTER	33. Transporter _____ Acknowledgement of Receipt of Materials				Date			
	Printed/Typed Name <i>Carmela Hughes</i>			Signature <i>Carmela Hughes</i>		Month	Day	Year
	34. Transporter _____ Acknowledgement of Receipt of Materials				Date			
Printed/Typed Name			Signature		Month	Day	Year	
FACILITY	35. Discrepancy Indication Space							



COLUMBIA RIDGE LANDFILL

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

January 20, 2006

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: January 19, 2006
Manifest #: NE030
Container #: FSCU216275
Profile #: 2320VC
Pounds Disposed: 33380 lbs.
Waste Type: Soil With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in black ink that reads "Victoria McKinney".

Victoria McKinney
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.



Oregon Waste Systems
A Waste Management Company

18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030

Nº 601533

DATE/TIME: _____
LOAD DATE: JAN 19 10:35
CUSTOMER: Bristol/usage
PROFILE NUMBER: 2320VC
TRUCK NUMBER: KSCU 709
TRAILER/CONTAINER NUMBER: 21625
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: 19030

GROSS WEIGHT: 78000
TARE WEIGHT-TRACTOR: _____
TARE WGT-TRAILER/CONTAINER: 44620
NET WEIGHT: 33380

GATEHOUSE: _____
DRIVER: ICR Dan
TRAIN ID: usage-10 ORIGIN: OX 451
WASTE TYPE: sludge/pch's
DISPOSAL: CM DC BU GRID SEGREGATE
REMARKS: _____
HAULER: _____

Driver: _____
IN: VICKY MCKINNEY B: ORARL101PC
Weighmaster: _____
OUT: VICKY MCKINNEY B: ORARL101PC

WASTE: _____
TRANSPW / TRANS BY UNIT SPW (ST)
PCSCP / PCS CONTINGIE -(PCP)
LOC-U-SPW / LOCAL TRANS BY UNIT SPW

NEW/TONS
1.00
16.69
1.00
UNIT
U
T
U

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030

TICKET: 311905
DATE: 01/20/2006
TIME: 08:52 - 08:52
LOAD DATE: 01/11/2006
TIP DATE: 01/19/2006

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV / US A
TRUCK: 601533
ORIGIN: SAV / SAVOOGNA
CONTAINER: KSCU216275
MANIFEST: 19030
P.O.: 601533
GROSS: 78000 LBS
TARE: 44620 LBS
NET: 33380 LBS

066956

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE031	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066			c/o Bristol Environmental	
4. Generator's Phone (907 353-7850)				
5. Transporter 1 Company Name Northland Services	6. US EPA ID Number WAD 981 773 005	A. State Transporter's ID		
		B. Transporter 1 Phone 800-426-3113		
7. Transporter 2 Company Name Northland Services	8. US EPA ID Number WAD 981 773 005	C. State Transporter's ID		
		D. Transporter 2 Phone 800-426-3113		
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 987 173 457	E. State Facility's ID	
		F. Facility's Phone 541-454-2030		

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit WL/Vol.
	No.	Type		
a. Material not regulated by DOT	01	CM	29,180	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of Service date 07/16/05. Profile No. 2320VC	H. Handling Codes for Wastes Listed Above
--	---

15. Special Handling Instructions and Additional Information
 Send final Manifest and Certificate of Disposal to the generator's agent: Patricia Curly BEESC, 2000 W. International Airport Rd., C-1, Anchorage, AK 99502.
 In case of emergency, contact CHEMTREC at 800-424-9300. CONEX# TRIU 274798



16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

ON BEHALF OF LIS ABE/POD:

Printed/Typed Name STEVE A. "SAM" MILLS	Signature <i>S.A. Mills</i>	Date Month Day Year 8/24/05
---	--------------------------------	--

17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name <i>James P. Cunningham</i>	Signature <i>J.P. Cunningham</i>	Date Month Day Year 8/24/05

18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name <i>Mitch Anderson</i>	Signature <i>Mitch Anderson</i>	Date Month Day Year 11/17/05

19. Discrepancy Indication Space
Yeroslav Rzeskiy

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		
Printed/Typed Name <i>Orley McKinney</i>	Signature <i>Orley McKinney</i>	Date Month Day Year 01/19/06

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No NE031		22. Page 2 of 3		Information in the shaded areas is not required by Federal law.		
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066						L. State Manifest Document Number		M. State Generator's ID
24. Transporter 3 Company Name West Coast Trucking			25. US EPA ID Number WAH 000 016 683			N. State Transporter's ID		O. Transporter's Phone 206-903-8300		
26. Transporter 4 Company Name Union Pacific Railroad Co.			27. US EPA ID Number NED 001 792 910			P. State Transporter's ID		Q. Transporter's Phone 402-271-4400		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
						No.	Type			
a.										
b.										
c.										
d.										
e.										
f.										
g.										
h.										
i.										
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above				
32. Special Handling Instructions and Additional Information										
33. Transporter <u>5</u> Acknowledgement of Receipt of Materials						Date				
Printed/Typed Name <i>Carmela Hughes</i>						Signature <i>Carmela Hughes</i>			Month Day Year 01/12/05	
34. Transporter <u> </u> Acknowledgement of Receipt of Materials						Date				
Printed/Typed Name <i>Jeffrey R. Releski</i>						Signature <i>[Signature]</i>			Month Day Year 01/10/05	
35. Discrepancy Indication Space										





COLUMBIA RIDGE LANDFILL

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

January 19, 2006

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: January 19, 2006
Manifest #: NE031
Container #: TRIU274798
Profile #: 2320VC
Pounds Disposed: 28820 lbs.
Waste Type: Soil With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in cursive script that reads 'Victoria McKinney'.

Victoria McKinney
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.



Oregon Waste Systems
A Waste Management Company
 18177 Cedar Springs Lane
 Arlington, Oregon 97812
 (541) 454-2030

Nº 601534

JAN 19 AM 10:05

DATE/TIME:
 LOAD DATE: Bristol/Usace
 CUSTOMER: Bristol/Usace
 PROFILE NUMBER: 2320VC
 TRUCK NUMBER: TRIU 972527
 TRAILER/CONTAINER NUMBER: 274798
 SEAL NUMBER: _____
 CUSTOMER INVOICE NO.: NE031

GROSS WEIGHT: 73620
 TARE WEIGHT-TRACTOR: _____
 TARE WGT-TRAILER/CONTAINER: 44800
 NET WEIGHT: 28820

GATEHOUSE: KR
 DRIVER: Kita
 TRAIN ID: USeal-10 ORIGIN: OX051
 WASTE TYPE: Soil w/PCB'S
 DISPOSAL: CM DC BU GRID SEGREGATE

REMARKS: _____

 HAULER: _____

Driver: _____
 IN: VICKY MCKINNEY

B: ORANTO1PC

Weldmaster:
 OUT: VICKY MCKINNEY

B: ORANTO1PC

WASTE
 TRANSUSPW / TRANS BY UNIT SPW (ST)
 POCOP / FCS COMINGLE - (POP)
 LOC-U-SPW / LOCAL TRANS BY UNIT SPW

NET/TONS
 1.00
 14.41
 1.00
 UNIT
 U
 T
 U

CUSTOMER: BRISTOL ENVIRONMENTAL
 PROFILE: 2320VC / BRISTOL ENV / US A
 TRUCK: 601534
 ORIGIN: SAV / SANOOGMA
 COMMENT:

TRAILER: TRIU274798
 CONTAINER: TRIU274798

MANIFEST: NE031

P.O.: 601534
 GROSS: 73620 LBS
 TARE: 44800 LBS
 NET: 28820 LBS

WM Columbia Ridge Landfill
 18177 Cedar Springs Lane
 Arlington, OR 97812
 (541)-454-2030

TICKET: 311757
 DATE: 01/19/2006
 TIME: 13:42 - 13:42
 LOAD DATE: 01/11/2006
 TIP DATE: 01/19/2006

066903

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE032		2. Page 1 of 3	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066							
4. Generator's Phone (907) 353-7850				c/o Bristol Environmental			
5. Transporter 1 Company Name Northland Services		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID		B. Transporter 1 Phone 800-426-3113	
7. Transporter 2 Company Name Northland Services		8. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		D. Transporter 2 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812				10. US EPA ID Number ORD 987 173 457		E. State Facility's ID	
				F. Facility's Phone 541-454-2030			
11. WASTE DESCRIPTION a. Material not regulated by DOT b. c. d.				12. Containers		13. Total Quantity	14. Unit Wt./Vol.
				No.	Type	38,025	P
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Send final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. CONEX # 335313							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name ON BEHALF OF US ACE / POD STEVE A. "SAM" MILLS				Signature S.A. Mills		Date 8/24/05	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature James R. Cunningham		Date 8/27/05	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature MITCH ANDERSON		Date 11/14/05	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Dicky McKeary				Signature Dicky McKeary		Date 1/17/06	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE032	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066		L. State Manifest Document Number		
24. Transporter <u>3</u> Company Name West Coast Trucking		25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID		
26. Transporter <u>4</u> Company Name Union Pacific Railroad Co.		27. US EPA ID Number NED 001 792 910		O. Transporter's Phone 206-903-8300		
				P. State Transporter's ID		
				Q. Transporter's Phone 402-271-4400		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
33. Transporter Acknowledgement of Receipt of Materials				Date		
Printed/Typed Name				Signature		Month Day Year
34. Transporter Acknowledgement of Receipt of Materials				Date		
Printed/Typed Name				Signature		Month Day Year
35. Discrepancy Indication Space						

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No. AK0 000 228 395

Manifest Document No. NE032

22. Page 3 of 3

Information in the shaded areas is not required by Federal law.

23. Generator's Name
USARMY USACE NORTHEAST CAPE
PO BOX 35066, FT WAINWRIGHT, AK 99703-0066

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 5 Company Name Columbia Ridge Landfill

25. US EPA ID Number ORD 987 173 457

N. State Transporter's ID

O. Transporter's Phone 541-454-2030

26. Transporter _____ Company Name _____

27. US EPA ID Number _____

P. State Transporter's ID _____

Q. Transporter's Phone _____

28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
	No.	Type			
a.					
b.					
c.					
d.					
e.					
f.					
g.					
h.					
i.					

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

33. Transporter _____ Acknowledgement of Receipt of Materials

Printed/Typed Name L. Satho Signature [Signature] Date 1/17/06

34. Transporter 5 Acknowledgement of Receipt of Materials

Printed/Typed Name Carmela Hughes Signature [Signature] Date 01/17/06

35. Discrepancy Indication Space

GENERATOR

TRANSPORTER FACILITY



ORIGINAL - RETURN TO GENERATOR



COLUMBIA RIDGE LANDFILL

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

January 17, 2006

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: January 17, 2006
Manifest #: NE032
Container #: NONU335313
Profile #: 2320VC
Pounds Disposed: 37480 lbs.
Waste Type: Soil With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in black ink that reads "Victoria McKinney". The signature is written in a cursive style.

Victoria McKinney
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.

066772

WM Columbia Ridge Landfill
18177 Cedar Springs Lane
Arlington, OR 97812
(541)-454-2030

TICKET: 311117
DATE: 01/17/2006
TIME: 14:24 - 14:24
LOAD DATE: 01/10/2006
TIP DATE: 01/17/2006

CUSTOMER: BRISTOL ENVIRONMENTAL
PROFILE: 2320VC / BRISTOL ENV/ US A
TRUCK: 601477 TRAILER: NONU335313
ORIGIN: SAV / SAVOOGNA CONTAINER: 335313
COMMENT:

P.O.: 601477
GROSS: 79880 LBS
TARE: 42400 LBS
NET: 37480 LBS
MANIFEST: NE232

WASTE	NET/TONS	UNIT
TRANSUSPW / TRANS BY UNIT SPW (ST)	1.00	U
PCSCP / PCS COMINGLE -(PCP)	18.74	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPW	1.00	U

Driver: IN: VICKY MCKINNEY B: ORARLI01PC

Weighmaster: OUT: VICKY MCKINNEY B: ORARLI01PC

Oregon Waste Systems
A Waste Management Company
18177 Cedar Springs Lane
Arlington, Oregon 97812
(541) 454-2030



No: 601477

DATE/TIME: _____
LOAD DATE: _____
CUSTOMER: Bristol / USACE
PROFILE NUMBER: 2320 VC
TRUCK NUMBER: 709
TRAILER/CONTAINER NUMBER: NONU 335313
SEAL NUMBER: _____
CUSTOMER INVOICE NO.: NE 032

GROSS WEIGHT: 79880
TARE WEIGHT-TRACTOR: _____
TARE WGT-TRAILER/CONTAINER: 42400
NET WEIGHT: 37480

GATEHOUSE: _____
DRIVER: Dan
TRAIN ID: 100109 ORIGIN: OR 01
WASTE TYPE: wood w/ PCB's
DISPOSAL: CW/DC BU GRID SEGREGATE
REMARKS: _____
HAULER: _____

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE033	2. Page 1 of 3
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT. WAINWRIGHT, AK 99703-0066				c/o Bristol Environmental	
4. Generator's Phone (907 353-7850					
5. Transporter 1 Company Name Northland Services		6. US EPA ID Number WAD 981 773 005		A. State Transporter's ID	
7. Transporter 2 Company Name Northland Services		8. US EPA ID Number WAD 981 773 005		B. Transporter 1 Phone 800-426-3113	
9. Designated Facility Name and Site Address Columbia Ridge Recycling & Landfill 18177 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 987 173 457		C. State Transporter's ID	
				D. Transporter 2 Phone 800-426-3113	
				E. State Facility's ID	
				F. Facility's Phone 541-454-2030	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit
			No.	Type	Wt./Vol.
a. Material not regulated by DOT			01	CM	19,765 P
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Soil containing polychlorinated biphenyls. PCB out of service date 07/16/05. Profile No. 2320VC			H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Send final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl BEESC, 2000 W. International Airport Rd., C-1, Anchorage, AK 99502. In case of emergency, contact CHEMTREC at 800-424-9300. CONEX.# 339465					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
ON BEHALF OF US ACE/POD:				Date	
Printed/Typed Name STEVE A. "SAM" MILLS		Signature S.A. Mills ACE/POD		Month Day Year 8/24/05	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name James P. Cunningham		Signature J.P. Cunningham		Date 8/27/05	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name MIKE ANASSIS		Signature Mike Anassis		Date 11/14/05	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Alex Boranja Cindy McKeown				Signature Cindy McKeown	
				Date 01/10/06 1/17/06	

NON-HAZARDOUS WASTE GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395		Manifest Document No. NE033		22. Page 2 of 3		Information in the shaded areas is not required by Federal law.					
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066						L. State Manifest Document Number		M. State Generator's ID			
24. Transporter ³ Company Name West Coast Trucking				25. US EPA ID Number WAH 000 016 683		N. State Transporter's ID		O. Transporter's Phone 206-903-8300					
26. Transporter ⁴ Company Name Union Pacific Railroad Co.				27. US EPA ID Number NED 001 792 910		P. State Transporter's ID		Q. Transporter's Phone 402-271-4400					
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.	
						No.		Type					
a.													
b.													
c.													
d.													
e.													
f.													
g.													
h.													
i.													
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above							
32. Special Handling Instructions and Additional Information													
33. Transporter Acknowledgement of Receipt of Materials													
Printed/Typed Name <i>K. S. Hwa</i>						Signature <i>[Signature]</i>			Date Month Day Year <i>11/10/06</i>				
34. Transporter Acknowledgement of Receipt of Materials													
Printed/Typed Name <i>ALEX BOROWICZ</i>						Signature <i>[Signature]</i>			Date Month Day Year <i>01/10/06</i>				
35. Discrepancy Indication Space													

GENERATOR
TRANSPORTER
FACILITY



ORIGINAL - RETURN TO GENERATOR

HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE033	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.	
		23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066		L. State Manifest Document Number		
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID-Number ORD 987 173 457	N. State Transporter's ID		O. Transporter's Phone 541-454-2030	
26. Transporter _____ Company Name		27. US EPA ID Number	P. State Transporter's ID		Q. Transporter's Phone	
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
		No.	Type			
GENERATOR	a.					
	b.					
	c.					
	d.					
	e.					
	f.					
	g.					
	h.					
	i.					
	S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above	
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter _____ Acknowledgement of Receipt of Materials				Date	
	Printed/Typed Name <i>Carmela Hughes</i>		Signature <i>Carmela Hughes</i>		Month Day Year 01/17/06	
	34. Transporter _____ Acknowledgement of Receipt of Materials				Date	
FACILITY	Printed/Typed Name <i>ALEX BORONJA</i>		Signature <i>[Signature]</i>		Month Day Year 01/10/06	
	35. Discrepancy Indication Space					





COLUMBIA RIDGE LANDFILL

18177 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3312 Fax

January 17, 2006

Bristol Environmental
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1117
Attn: Patricia Curl

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Columbia Ridge Landfill has received NON HAZARDOUS Waste material from US Army USACE Northeast Cape on behalf of Bristol Environmental.

Date of Disposal: January 17, 2006
Manifest #: NE033
Container #: NONU339465
Profile #: 2320VC
Pounds Disposed: 20800 lbs.
Waste Type: Soil With PCB's

I certify, on behalf of the above listed facility, that the above-described non hazardous waste was managed in compliance with all applicable laws.

A handwritten signature in black ink that reads "Victoria McKinney".

Victoria McKinney
Special Waste Billing Department

From everyday collection to environmental protection, Think Green® Think Waste Management.



Oregon Waste Systems
 A Waste Management Company
 18177 Cedar Springs Lane
 Arlington, Oregon 97812
 (541) 454-2030

Nº 601535

JAN 17 AM 9:18

DATE/TIME: _____
 LOAD DATE: Bristol/Usace
 CUSTOMER: Bristol/Usace
 PROFILE NUMBER: 2320VC
 TRUCK NUMBER: 709
 TRAILER/CONTAINER NUMBER: Nonu 339465
 SEAL NUMBER: _____
 CUSTOMER INVOICE NO.: NE033

GROSS WEIGHT: 63340
 TARE WEIGHT-TRACTOR: _____
 TARE WGT-TRAILER/CONTAINER: 42540
 NET WEIGHT: 20800

GATEHOUSE: KR
 DRIVER: Dan
 TRAIN ID: Useaf-10 ORIGIN: EX 951
 WASTE TYPE: SOIL W/ PCB'S
 DISPOSAL: CM DC BU GRID SEGREGATE
 REMARKS: _____

 HAULER: _____

Driver: _____
 IN: VICKY MCKINNEY E: ORANL101PC

Weightmaster: _____
 OUT: VICKY MCKINNEY E: ORANL101PC

WASTE	NET/TONS	UNIT
TRANSUSEW / TRANS BY UNIT SPM (ST)	1.00	U
POSCF / PCS CONTINLE -(POP)	10.40	T
LOC-U-SPW / LOCAL TRANS BY UNIT SPM	1.00	U

CUSTOMER: BRISTOL ENVIRONMENTAL
 PROFILE: 2320VC / BRISTOL ENV / US A
 TRUCK: 601535
 ORIGIN: SAV / SAVOJGMA
 COMMENT: _____
 TRAILER: NONU339465
 CONTAINER: 339465
 P.O. #: 601535
 GROSS: 63340 LBS
 TARE: 42540 LBS
 NET: 20800 LBS
 MANIFEST: NE033

WM Columbia Ridge Landfill
 18177 Cedar Springs Lane
 Arlington, OR 97812
 (541)-454-2030
 TICKET: 31118
 DATE: 01/17/2006
 TIME: 14:24 - 14:25
 LOAD DATE: 01/11/2006
 TIF DATE: 01/17/2006

066773

383252

VQ

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE034	2. Page 1 of 3	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066				A. State Manifest Document Number		
4. Generator's Phone (907) 353-7850				B. State Generator's ID		
5. Transporter 1 Company Name NORTHLAND SERVICES		6. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		
7. Transporter 2 Company Name NORTHLAND SERVICES		8. US EPA ID Number WAD 981 773 005		D. Transporter's Phone 800-426-3113		
9. Designated Facility Name and Site Address Chemical Waste Management of the NW 17629 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 089 452 353		E. State Transporter's ID		
				F. Transporter's Phone 800-426-3113		
				G. State Facility's ID		
				H. Facility's Phone 541-454-2030		
GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
		a. RQ Environmentally hazardous substance, solid, n.o.s. (polychlorinated biphenyls), 9, UN3077, PG III ERG # (171)	No. Type			
			1 CM	32,980 14765	P K	X002
				111m 2-1306		111m 2-1306
	J. Additional Descriptions for Materials Listed Above Soil containing polychlorinated Biphenyls. PCB out of service date 07/16/05. Profile #C28904				K. Handling Codes for Wastes Listed Above L12, 32550P, 14765K	
15. Special Handling Instructions and Additional Information Send final Manifest and Certificate of Disposal to the generator's agent: Patricia Curl, BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency, contact Chemtrec at 800-424-9300. BAKER BOX# PNWS 8055						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. ON BEHALF OF LISACOE/POD						
Printed/Typed Name STEVE A. "SAM" MILLS		Signature [Signature]		Month Day Year 10/12/05		
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials					
	Printed/Typed Name James P. Cunningham		Signature [Signature]		Month Day Year 10/12/05	
	18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name Mike Anderson		Signature [Signature]		Month Day Year 11/1/05		
FACILITY	19. Discrepancy Indication Space I added waste code per Patricia Curl / Bristol. unit wt/vol per Patricia curl / Bristol.					
	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Janice Strand		Signature [Signature]		Month Day Year 10/21/06		



ORIGINAL-RETURN TO GENERATOR

BMS

303252

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AK0 000 228 395	Manifest Document No. NE034 mim 2-16-06	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.	
23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number		
24. Transporter 3 Company Name West Coast Trucking				25. US EPA ID Number WAH 000 016 683		M. State Generator's ID
26. Transporter 4 Company Name Union Pacific Railroad Co.				27. US EPA ID Number NED 001 792 910		N. State Transporter's ID
				O. Transporter's Phone 206-903-8300		P. State Transporter's ID
				Q. Transporter's Phone 402-271-4400		Q. Transporter's Phone 402-271-4400
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.	
		No.	Type			
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
33. Transporter 3 Acknowledgement of Receipt of Materials		Signature		Date		
Printed/Typed Name VAROSIA RZKISKI				Month Day Year 02 10 06		
34. Transporter 4 Acknowledgement of Receipt of Materials		Signature		Date		
Printed/Typed Name J. Smith				Month Day Year 02 10 06		
35. Discrepancy Indication Space 21- Added manifest document no. per Patricia Curl / Bristol mim 2-16-06						

GENERATOR

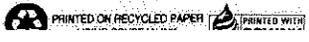
TRANSPORTER FACILITY

393252

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved, OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE034	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.	
23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number		
				M. State Generator's ID		
24. Transporter <u>5</u> Company Name Columbia Ridge Landfill		25. US EPA ID Number ORD 987 173 457		N. State Transporter's ID		
26. Transporter _____ Company Name		27. US EPA ID Number		O. Transporter's Phone 541-454-2030		
				P. State Transporter's ID		
				Q. Transporter's Phone		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
HM		No.	Type			
a.						
b.						
c.						
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information						
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name Carmela Hughes			Signature Carmela Hughes		Month Day Year 02 13 06
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name			Signature		Month Day Year
35. Discrepancy Indication Space						



ORIGINAL RETURN TO GENERATOR

MANIFEST - MANIFESTE

This Manifest conforms to all Federal and Provincial transport and environmental legislation requiring manifesting.
Ce manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport, requérant un manifeste.

Manifest Reference No.
N° de référence du manifeste

2352851-6

A Consignor (Generator) Expéditeur (Producteur)		Provincial ID No. / N° d'id. provincial AK0 000 228 395		B Carrier Transporteur		Provincial ID No. / N° d'id. provincial WAD 981773 005		C Consignee (Receiver) Destinataire (Réceptionnaire)			
Company name / Nom de l'entreprise USARMY USACE NORTHEAST CAPE				Company name / Nom de l'entreprise Northland Services				Reference nos. of other Manifest(s) used / N°s de références des autres manifestes utilisés			
Mailing address / Adresse postale City / Ville Province Postal code / Code postal P.O. Box 35066, Ft. Wainwright, AK 99703				Address / Adresse 110 Prefontaine Pl. South, Suite 600				Consignee information same as Intended Consignee in Part A L'information à fournir par le destinataire est la même qu'en A <input type="checkbox"/> Yes / Oui <input type="checkbox"/> No, complete the boxed area below Non, compléter la boîte ci-dessous			
Shipping site address / Origine de l'expédition Kanguksam TM 52.5 mi ESE of Savoonga				City / Ville Prov. Postal code / Code postal Seattle WA 98104				Company name / Nom de l'entreprise			
City / Ville Province Postal code / Code postal Savoonga AK 99769		Registration No. / N° d'immatriculation		Prov.		Address / Adresse					
Intended consignee Destinataire prévu Chemical Waste Management of the NW		Provincial ID No. / No d'id. provincial Oregon SWP 391		Vehicle / Véhicule		City / Ville Province Postal code / Code postal					
Address / Adresse City / Ville Province Postal code / Code postal 17629 Cedar Springs Lane		Point of entry Point d'entrée		Trailer/Rail Car No. 1 1 ^{er} remorque - wagon		Receiving site address / Destination de l'expédition					
Receiving site address / Destination de l'expédition SAME		Point of exit Point de sortie		Trailer/Rail Car No. 2 2 ^e remorque - wagon		City / Ville Province Postal code / Code postal					
City / Ville Province Postal code / Code postal Arlington OR 97812		Carrier Certification: I declare that I have received waste as offered by the consignor in Part A for delivery to the intended consignee and that the information contained in Part B is complete and correct. / Déclaration du transporteur: J'atteste avoir reçu les déchets offerts par l'expéditeur dans la partie A en vue de leur livraison au destinataire choisi et que les renseignements inscrits à la partie B sont exacts et complets.		Year / Année Month / Mois Day / Jour		Date received / Date de réception Time / Heure Year / Année Month / Mois Day / Jour <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.					
Signature		Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie)		Tel. No. / N° de tél.		Quantity received Quantité reçue					
Physical state État physique		Waste identification Identification du déchet		Quantity shipped Quantité expédiée		Units L or ou kg unités		Packaging Contenants		Identify any shipment discrepancy problems. Attach addendum if necessary. / Indiquer toute différence relative à l'expédition. Annexer une feuille au besoin.	
Shipping name of waste Appellation réglementaire du déchet S Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls)		Provincial No. / N° (Quebec-Ontario only) (Quebec-Ontario seul) UN3077		TDGA/PIN LTMD/NIP		14,960 kg		9 III 1 03		Handling code Code de manutention	
Special handling/Emergency instructions Manutention spéciale/instructions d'urgence		<input type="checkbox"/> Attached Ci-jointes		<input type="checkbox"/> Below Ci-dessous		Circulation no. - Quebec only N° de circulation - Réservée au Québec		If handling code "Other" (specify) Si code de manutention "divers" spécifier		Decontamination Décontamination	
Date shipped / Date d'expédition		Time / Heure		Scheduled arrival date / Date d'arrivée prévue		If waste to be transferred, specify intended company name / Si les déchets doivent être transférés, préciser le nom du destinataire		Provincial ID No. / N° d'id. provincial		Yes No Oui Non	
Year / Année Month / Mois Day / Jour		Year / Année Month / Mois Day / Jour		Year / Année Month / Mois Day / Jour		Address / Adresse City / Ville Prov.		Consignee information: I declare that the information contained in Part C is correct and complete. / Déclaration de l'expéditeur: Je déclare que tous les renseignements à la partie C sont véridiques et complets.		Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie)	
Year / Année Month / Mois Day / Jour		Year / Année Month / Mois Day / Jour		Year / Année Month / Mois Day / Jour		Signature		Signature		Tel. no. / N° de tél.	
Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie) STEVE A. "SAM" MILLS		Signature SA Mills		Tel. no. / N° de tél. 907 353-6140		Signature		Signature		Tel. no. / N° de tél.	

NE PAS ÉCRIRE DANS CET ESPACE

MANIFEST - MANIFESTE

This Manifest conforms to all Federal and Provincial transport and environmental legislation requiring manifesting.
Ce manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport, requérant un manifeste.

Manifest Reference No.
N° de référence du manifeste

2352851-6

A Consignor (Generator) / Expéditeur (Producteur) Provincial ID No. / N° d'id. provincial
AKO 000 228 395

Company name / Nom de l'entreprise
USARMY USACE NORTHEAST CAPE

Mailing address / Adresse postale City / Ville Province Postal code / Code postal
P.O. Box 35066, Ft. Wainwright, AK 99708

Shipping site address / Origine de l'expédition
Kangukhsam TM 52.5 mi ESE of Savoonga

City / Ville Province Postal code / Code postal
Savoonga AK 99769

Intended consignee / Destinataire prévu Provincial ID No. / No d'id. provincial
Chemical Waste Management of the NW Oregon SWP 391

Address / Adresse City / Ville Province Postal code / Code postal
17629 Cedar Springs Lane

Receiving site address / Destination de l'expédition
SAME

City / Ville Province Postal code / Code postal
Arlington OR 97812

B Carrier / Transporteur Provincial ID No. / N° d'id. provincial
WAD 981773 005

Company name / Nom de l'entreprise
Northland Services

Address / Adresse
110 Prefontaine Pl. South, Suite 600

City / Ville Prov. Postal code / Code postal
Seattle WA 98104

Registration No. / N° d'immatriculation Prov.

Vehicle / Véhicule
Trailer/Rail Car No. 1
1^{er} remorque - wagon

Trailer/Rail Car No. 2
2^e remorque - wagon

Point of entry / Point d'entrée Point of exit / Point de sortie

Carrier Certification: I declare that I have received waste as offered by the consignor in Part A for delivery to the intended consignee and that the information contained in Part B is complete and correct. / Déclaration du transporteur: J'atteste avoir reçu les déchets offerts par l'expéditeur dans la partie A en vue de leur livraison au destinataire choisi et que les renseignements inscrits à la partie B sont exacts et complets.

Year / Année Month / Mois Day / Jour Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie)

Signature Tel. No. / N° de tél.

Reference nos. of other Manifest(s) used / N°s de références des autres manifestes utilisés

C Consignee (Receiver) / Destinataire (Réceptionnaire) Provincial ID No. / N° d'id. provincial
ARD 009452353

Consignee information same as Intended Consignee in Part A / L'information à fournir par le destinataire est la même qu'en A
 Yes / Oui No, complete the boxed area below / Non, compléter la boîte ci-dessous

Company name / Nom de l'entreprise

Address / Adresse

City / Ville Province Postal code / Code postal

Receiving site address / Destination de l'expédition

City / Ville Province Postal code / Code postal

Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure
06 02 13 10:14 AM

Physical state / État physique	Shipping name of waste / Appellation réglementaire du déchet	Waste identification / Identification du déchet		Quantity shipped / Quantité expédiée	Units / L or ou kg unités	Classification	Packing group / Groupe d'emballage	Packaging Containers		Quantity received / Quantité reçue	Units / L or ou kg unités	Identify any shipment discrepancy problems. Attach addendum if necessary. / Indiquer toute différence relative à l'expédition. Annexer une feuille au besoin.	Handling code / Code de manutention		Decontamination / Décontamination	
		Provincial No. / N° (Quebec - Ontario only) / (Quebec - Ontario seul)	TDGA/PIN / LTMD/MIP					No.	Codes int./ext.				Yes / Oui	No / Non	Yes / Oui	No / Non
S	Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls)		UN3077	14,960	kg	9	III	1	03	14765	kg	06	X	X		

Special handling/Emergency instructions / Manutention spéciale/instructions d'urgence Attached / Ci-jointes Below / Ci-dessous

Circulation no. - Quebec only / N° de circulation - Réserve au Québec

Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure A.M. P.M.

Scheduled arrival date / Date d'arrivée prévue Year / Année Month / Mois Day / Jour

If handling code "Other" (specify) / Si code de manutention "divers", spécifier

If waste to be transferred, specify intended company name / Si les déchets doivent être transférés, préciser le nom du destinataire

Provincial ID No. / N° d'id. provincial

Address / Adresse City / Ville Prov.

Consignor Certification: I declare that the information contained in Part A is correct and complete. / Déclaration de l'expéditeur: Je déclare que tous les renseignements à la partie A sont vérifiés et complets.

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie)
STEVE A. "SAM" MILLS

Signature
SAM MILLS

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie)
POD: JAMIE STAND

Tel. no. / N° de tél.
907 353-6140

Consignee Certification: I declare that the information contained in Part C is correct and complete. / Déclaration du destinataire: Je déclare que tous les renseignements à la partie C sont vérifiés et complets.

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie)
Jamie Stand

Tel. no. / N° de tél.
541 454-2643



**CHEMICAL WASTE MANAGEMENT
OF THE NORTHWEST**

17629 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3279 Fax

US ARMY CORPS OF ENGINEERS
AK0000228395
KANGUKHSAM MT 52.25 MI ESE
SAVOONGA AK 99769

CERTIFICATE OF DISPOSAL

Chemical Waste Management of the Northwest, Inc. has received the following waste material and certifies that the material has been landfilled in accordance with 40 CFR part 761 as it pertains to the land disposal of Polychlorinated Biphenyl contaminated materials.

GENERATOR:	US ARMY CORPS OF ENGINEERS
MANIFEST #:	NE034
LINE ITEM:	11a
PROFILE #:	C28904
CWM TRACKING ID:	383252-01
DATE RECEIVED:	02/13/06
DISPOSAL PROCESS(ES):	LANDFILL
FINAL DISPOSAL LOCATION:	LANDFILL 12
DISPOSAL DATE:	02/13/06
CONTAINER #:	1 CM

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.

Becky Sumner

CWMNW RECORDS DEPARTMENT
Date

02/21/06

From everyday collection to environmental protection, Think Green® Think Waste Management.

382833

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE036	2. Page 1 of 3	Information in the shaded areas of this form not required by Federal law.	
3. Generator's Name and Mailing Address USARMY USACE NORTHEAST CAPE PO BOX 35066 FT. WAINWRIGHT, AK 99703-0066				A. State Manifest Document Number		
4. Generator's Phone				B. State Generator's ID		
5. Transporter 1 Company Name Northland Services		6. US EPA ID Number WAD 981 773 005		C. State Transporter's ID		
7. Transporter 2 Company Name Northland Services		8. US EPA ID Number WAD 981 773 005		D. Transporter's Phone 800-426-3113		
9. Designated Facility Name and Site Address Chemical Waste Management of the NW 17629 Cedar Springs Lane Arlington, OR 97812		10. US EPA ID Number ORD 089 452 353		E. State Transporter's ID		
				F. Transporter's Phone 800-426-3113		
				G. State Facility's ID		
				H. Facility's Phone 541-454-2030		
GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total Quantity	14. Unit	1. Waste No.
			No. Type		Wt/Vol	
	a.	RM Environmentally hazardous substance, solid N.O.S. (Lead), 9, UN3077, PG III, ERG #(171)	1 CM	36650	Ⓟ	D008
	b.			mimi-16-00		
	c.					
d.						
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above		
a. Demolition debris ash containing lead. RMXXX Profile #C19799.				544A, 36650P, 10.33T		
15. Special Handling Instructions and Additional Information Send Final Manifest and Certificate of Disposal to the generators agent: Patricia Curl BEESC, 2000 W. International Airport Rd., #C-1, Anchorage, AK 99502. In case of emergency contact CHEMTREC at 800-424-9300. BAKER BOX# PNWS 8073						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. ON BEHALF OF US ARMY/AF/NAVY						
Printed/Typed Name STEVE A. "SAM" MILLS		Signature S.A. Mills		Month Day Year 10/12/10 15		
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials					
	Printed/Typed Name James P. Cunningham		Signature [Signature]		Month Day Year 10/12/10 15	
	18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name MITSU AWA303N		Signature [Signature]		Month Day Year 11/17/10 15		
19. Discrepancy Indication Space Mimi-16-00 Ba- Added total quantity per Patricia Curl Bristol.						
FACILITY	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
	Printed/Typed Name James Strand		Signature [Signature]		Month Day Year 10/12/10 15	



ORIGINAL-RETURN TO GENERATOR

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382833

GENERATOR	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NE 036	22. Page 2 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number			
	24. Transporter 3 Company Name West Coast Trucking				25. US EPA ID Number WAH 000 016 683	N. State Transporter's ID		
	26. Transporter 4 Company Name Union Pacific Railroad Co.				27. US EPA ID Number NED 001 792 910	O. Transporter's Phone 206-903-8300		
TRANSPORTER	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
	a.							
	b.							
	c.							
	d.							
	e.							
	f.							
	g.							
	h.							
	i.							
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information								
FACILITY	33. Transporter 3 Acknowledgement of Receipt of Materials				Printed/Typed Name Ephraim Demiccie		Signature <i>Ephraim Demiccie</i>	Date 01/09/06
	34. Transporter 4 Acknowledgement of Receipt of Materials				Printed/Typed Name L. Smith		Signature <i>L. Smith</i>	Date 1/9/06
35. Discrepancy Indication Space 33- Address transporter 3 date per Kim Dightman/ West Coast Trucking. num 1-25-06								



ORIGINAL - RETURN TO GENERATOR

382833

GENERATOR	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. AKO 000 228 395	Manifest Document No. NEO36	22. Page 3 of 3	Information in the shaded areas is not required by Federal law.		
	23. Generator's Name USARMY USACE NORTHEAST CAPE PO BOX 35066, FT WAINWRIGHT, AK 99703-0066				L. State Manifest Document Number			
	24. Transporter <u>5</u> Company Name Columbia Ridge Landfill				25. US EPA ID Number ORD 987 173 457		M. State Generator's ID	
	26. Transporter _____ Company Name				27. US EPA ID Number		N. State Transporter's ID	
							O. Transporter's Phone 541-454-2030	
							P. State Transporter's ID	
							Q. Transporter's Phone	
	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers		30. Total Quantity	31. Unit Wt/Vol
					No.	Type		R. Waste No.
a.								
b.								
c.								
d.								
e.								
f.								
g.								
h.								
i.								
S. Additional Descriptions for Materials Listed Above					T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information								
TRANSPORTER	33. Transporter <u>5</u> Acknowledgement of Receipt of Materials						Date	
	Printed/Typed Name Carmela Hughes				Signature Carmela Hughes		Month Day Year 01/12/06	
	34. Transporter _____ Acknowledgement of Receipt of Materials						Date	
Printed/Typed Name				Signature		Month Day Year		
FACILITY	35. Discrepancy Indication Space							



MANIFEST - MANIFESTE

This Manifest conforms to all Federal and Provincial transport and environmental legislation requiring manifesting.
Ce manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport, requérant un manifeste.

Manifest Reference No.
N° de référence du manifeste

2358325-5

A Consignor (Generator) Expéditeur (Producteur)		Provincial ID No. / N° d'id. provincial AKO 000 228 395		B Carrier Transporteur		Provincial ID No. / N° d'id. provincial WAD 981773 005		Reference nos. of other Manifest(s) used / N°s de références des autres manifestes utilisés			
Company name / Nom de l'entreprise USARMY USACE NORTHEAST CAPE				Company name / Nom de l'entreprise Northland Services				C Consignee (Receiver) Destinataire (Réceptionnaire)			
Mailing address / Adresse postale City / Ville Province Postal code / Code postal P.O. Box 35066, Ft. Wainwright, AK 99703				Address / Adresse 110 Prefontaine Pl. South, Suite 600				Consignee information same as Intended Consignee in Part A L'information à fournir par le destinataire est la même qu'en A <input type="checkbox"/> Yes / Oui <input type="checkbox"/> No, complete the boxed area below Non, compléter la boîte ci-dessous			
Shipping site address / Origine de l'expédition Kangukhsam TM 52.5 mi ESE of Savoonga				City / Ville Prov. Postal code / Code postal Seattle WA 98104				Registration No. / N° d'immatriculation Prov.			
City / Ville Province Postal code / Code postal Savoonga AK 99769				Vehicle / Véhicule				Company name / Nom de l'entreprise			
Intended consignee Destinataire prévu Chemical Waste Management of the NW Oregon SWP 391				Provincial ID No. / No d'id. provincial Oregon SWP 391				Address / Adresse			
Address / Adresse City / Ville Province Postal code / Code postal 17629 Cedar Springs Lane				Point of entry Point d'entrée				City / Ville Province Postal code / Code postal			
Receiving site address / Destination de l'expédition SAME				Year / Année Month / Mois Day / Jour				Receiving site address / Destination de l'expédition			
City / Ville Province Postal code / Code postal Arlington OR 97812				Signature				City / Ville Province Postal code / Code postal			
Physical state Etat physique S				Shipping name of waste Appellation réglementaire du déchet Environmentally hazardous sub- stance, solid, N.O.S. (Lead)				Date received / Date de réception Year / Année Month / Mois Day / Jour			
Special handling/Emergency instructions Manutention spéciale/instructions d'urgence				Waste identification Identification du déchet Provincial No. / N° (Quebec-Ontario only) (Quebec-Ontario seul)				Time / Heure <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.			
Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour				TDGA/PIN LTMD/NIP UN3077				Quantity received Quantité reçue			
Time / Heure <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.				Quantity shipped Quantité expédiée kg 9 III 1 03				Units L or ou kg unités			
Scheduled arrival date / Date d'arrivée prévue Year / Année Month / Mois Day / Jour				Circulation no. - Quebec only N° de circulation - Réservée au Québec				Identify any shipment discrepancy problems. Attach addendum if necessary. / Indiquer toute différence relative à l'expédition. Annexer une feuille au besoin.			
Consignor Certification: I declare that the information contained in Part A is correct and complete. Déclaration de l'expéditeur: Je déclare que tous les renseignements à la partie A sont vérifiées et complètes.				If handling code "Other" (specify) Si code de manutention "divers" spécifier				Handling code Code de manutention			
Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie) STEVE A. "SAM" MILLIS				If waste to be transferred, specify intended company name / Si les déchets doivent être transférés, préciser le nom du destinataire				Decontamination Décontamination Code de manutention			
Signature SA Mills				Provincial ID No. / N° d'id. provincial				Yes / Oui Yes / Oui			
Tel. no. / N° de tél. 907 353-6140				Address / Adresse City / Ville Prov.				No / Non No / Non			
Consignee Certification: I declare that the information contained in Part C is correct and complete. Déclaration de l'expéditeur: Je déclare que tous les renseignements à la partie C sont vérifiées et complètes.				Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie)				Consignee Certification: I declare that the information contained in Part C is correct and complete. Déclaration de l'expéditeur: Je déclare que tous les renseignements à la partie C sont vérifiées et complètes.			
Signature				Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie)				Signature			
Tel. no. / N° de tél.				Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie)				Tel. no. / N° de tél.			

NE DO NOT WRITE IN THIS AREA
NE PAS ÉCRIRE DANS CET ESPACE



**CHEMICAL WASTE MANAGEMENT
OF THE NORTHWEST**

17629 Cedar Springs Lane
Arlington, OR 97812
(541) 454-2030
(541) 454-3279 Fax

US ARMY CORPS OF ENGINEERS
AK0000228395
KANGUKHSAM MT 52.25 MI ESE
SAVOONGA AK 99769

CERTIFICATE OF DISPOSAL

Chemical Waste Management of the Northwest, Inc. has received the following waste material:

GENERATOR:	US ARMY CORP OF ENGINEERS
MANIFEST #:	NE036
LINE ITEM:	11a
PROFILE #:	C19799
CWM TRACKING ID:	382833-01
RECEIVED DATE:	01/12/2006
DISPOSAL PROCESS(ES):	STABILIZATION FOLLOWED BY LANDFILL
DISPOSAL DATE:	01/18/2006
FINAL DISPOSAL LOCATION:	LANDFILL 12
QUANTITY:	1 CM

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste material was managed in compliance with all applicable laws, regulations, permits and licenses on the date listed above.

Nicol D. Wycaver

CWMNW RECORDS DEPARTMENT

Date 01/30/2006

RECEIVED
FEB 08 2006
BRISTOL

From everyday collection to environmental protection, Think Green® Think Waste Management.

ATTACHMENT 3

Exception Report



111 W. 16th Avenue, Suite 301
Anchorage, AK 99501-5109
907-563-0013 Phone
907-563-6713 Fax

November 7, 2005

Ms. Xiang-Yu Ge
U.S. Environmental Protection Agency
Region X
1200 Sixth Avenue (S.O. 141)
Seattle, WA 98101

**Subject: Exception Report for USARMY USACE Northeast Cape
EPA ID# AK0 000 228 395**

Dear Ms. Yu Ge:

In reference to 40 CFR 262.42, the waste material described by the following Hazardous Waste Manifests have not yet arrived at the Treatment, Storage, and Disposal Facility (TSDF) listed on each manifest:

Manifest No.	Waste Type	TSDF	Transporter Date
NE034	PCB-contaminated soil (greater than 50 parts per million)	Chemical Waste Management	9/27/05
NE036	Ash with lead	Chemical Waste Management	9/27/05

A copy of each manifest is attached. These hazardous wastes were shipped from the U.S. Army Corps of Engineers former White Alice Site on Northeast Cape, St. Lawrence Island, Alaska. The waste materials are currently in route from Alaska to Seattle, Washington and are anticipated to arrive in Seattle on November 9, 2005. These wastes will be delivered to the TSDF by mid month.

If you need further information or have questions relating to this issue, please contact me.

Sincerely,

APPENDIX D

Survey Data Summary Tables

ATTACHMENT 01 TO BCD CASE 1, W911KB-04-C-0019

Table 2. Northeast Cape - 2005 PCB Excavation Area Corner Coordinates

LABEL	XCOORD	YCOORD
31-1	97395.18647	95836.94862
31-2	97421.85357	95855.24348
31-3	97427.90018	95846.87126
31-4	97411.93093	95835.70829
31-5	97417.66745	95827.33606
31-6	97407.12465	95820.04912
31-7	97412.55109	95812.60714
31-8	97429.76067	95824.70036
31-9	97424.48927	95831.52217
31-10	97439.37323	95831.36713
31-11	97377.35673	95823.92515
31-12	97383.24829	95815.86300
31-13	97366.96896	95804.70003
31-14	97361.23243	95812.60714
31-15	97377.97689	96061.29333
31-16	97377.04664	96071.52605
31-17	97387.58945	96072.30126
31-18	97388.05457	96062.22357
14-1	95560.32577	97725.45702
14-2	95565.27414	97725.99684
14-3	95565.81396	97721.00349
14-4	95560.82061	97720.50865
14-5	95564.37444	97731.84491
14-6	95563.69966	97736.83826
14-7	95571.61705	97737.82794
14-8	95572.24684	97732.83458
13-1	96101.98442	98213.23780
13-2	96103.03854	98205.72723
13-3	96094.34209	98204.54135
13-4	96095.39621	98194.65903
13-5	96080.63860	98192.41903
13-6	96078.26684	98210.07545
13-7	96077.47626	98218.64014
13-8	96101.06207	98221.53895
13-9	96105.41030	98185.04023
13-10	96087.88564	98182.80024
13-11	96081.82448	98181.35083
13-12	96077.47626	98180.56024
13-13	96078.26684	98173.57673
13-14	96106.85970	98176.73908
13-15	96086.43623	98193.07785
13-16	96111.47146	98251.31769
13-17	96109.89028	98266.47059
13-18	96123.19848	98268.31529
13-19	96125.04318	98253.29416
13-20	96184.67783	98273.23243
13-21	96184.67783	98279.34746
13-22	96190.54826	98279.34746

LABEL	XCOORD	YCOORD
13-23	96190.54826	98273.23243
13-24	96169.69601	98279.34746
13-25	96169.69601	98286.93010
13-26	96200.33231	98286.93010
13-27	96200.33231	98279.40861
7-1	99390.58043	100367.61092
7-2	99395.57546	100367.61092
7-3	99395.57546	100362.61589
7-4	99390.58043	100362.61589
7-5	99392.55763	100357.93305
7-6	99397.55266	100357.93305
7-7	99397.55266	100352.93802
7-8	99392.55763	100352.93802
7-9	99383.08789	100351.68926
7-10	99388.08292	100351.68926
7-11	99388.08292	100346.69423
7-12	99383.08789	100346.69423
7-13	99369.14343	100330.98070
7-14	99374.13846	100330.98070
7-15	99374.13846	100325.98567
7-16	99369.14343	100325.98567
7-17	99299.52520	100266.25344
7-18	99304.52023	100266.25344
7-19	99304.52023	100261.25841
7-20	99299.52520	100261.25841
7-21	99305.45680	100252.72523
7-22	99310.45183	100252.72523
7-23	99310.45183	100247.73020
7-24	99305.45680	100247.73020

W911KB-04-C-0019
Case 2
Modification P000

SAMPLE SURVEY LOCATIONS

Location	Sample Number	LOCID	Depth (ft)	Associated Project Sample Number	Northing	Easting
Figure 6-1						
Excavation 31A-1						
Soil Excavation 31A-1	1	31SL001	0.5	05NEC31SL001	95847.0646	97418.7836
Soil Excavation 31A-1	2	31SL002	0.5		95838.591	97412.5414
Soil Excavation 31A-1	3	31SL003	0.5	05NEC31SL003	95840.4608	97404.1764
Soil Excavation 31A-1	4	31SL004	0.5		95834.9265	97399.6484
Soil Excavation 31A-1	5	31SL005	0.5		95827.0421	97410.6225
Excavation 31A-2						
Soil Excavation 31A-2	6	31SL006	1.5		95815.8914	97412.9498
Soil Excavation 31A-2 (2nd)	6	31SL006	2.0	05NEC31SL006		
Soil Excavation 31A-2	7	31SL007	1.5		95824.4764	97417.0734
Soil Excavation 31A-2 (2nd)	7	31SL007	2.0			
Soil Excavation 31A-2 (3rd)	7	31SL007	2.5	05NEC31SL007		
Soil Excavation 31A-2	8	31SL008	1.5	05NEC31SL008	95824.0828	97425.4503
Soil Excavation 31A-2 (2nd)	8	31SL008	2.0	05NEC31SL008Re		
Soil Excavation 31A-2 West Sidewall		31SL31A-2W	2.5	05NEC31SL31A-2W		
Excavation 31A-3						
Soil Excavation 31A-3	9	31SL009	2.0	05NEC31SL009	95834.5327	97416.1085
Soil Excavation 31A-3	13	31SL013	2.0	05NEC31SL013	95837.082	97429.2885
Soil Excavation 31A-3	14	31SL014	2.0	05NEC31SL014	95831.1745	97435.1568
Excavation 31B						
Soil Excavation 31B	15	31SL015	0.5	05NEC31SL015	95820.2133	97375.7705
Soil Excavation 31B (2nd)	15	31SL015	2.5			
Soil Excavation 31B (3rd)	15	31SL015	4.5			
Soil Excavation 31B (4th)	15	31SL15	6.5	05NEC31SL015Re		
Soil Excavation 31B	16	31SL016	0.5	05NEC31SL016	95811.8807	97373.9785
Soil Excavation 31B (2nd)	16	31SL016	2.5			
Soil Excavation 31B (3rd)	16	31SL16	4.5	05NEC31SL016Re		
Soil Excavation 31B	17	31SL16	0.5		95812.0609	97363.7826
Soil Excavation 31B (2nd)	17	31SL17	2.5	05NEC31SL17		
Soil Excavation 31B North Sidewall		31SL31BN	2.5	05NEC31SL31BN		
Soil Excavation 31B East Sidewall		31SL31BE	2.5	05NEC31SL31BE		
Soil Excavation 31B West Sidewall		31SL31BW	2.5	05NEC31SL31BW		
Figure 6-2						
Excavation 31C						
Soil Excavation 31C	18	31SL018	0.5		96064.5401	97380.4752
Soil Excavation 31C (2nd)	18	31SL018	1.5			
Soil Excavation 31C (3rd)	18	31SL018	2.0			
Soil Excavation 31C	19	31SL019	0.5		96070.3158	97383.0032
Soil Excavation 31C (2nd)	19	31SL019	1.5			
Soil Excavation 31C (3rd)	19	31SL019	2.0	05NEC31SL019		
Soil Excavation 31C	20	31SL020	0.5		96066.267	97385.9611
Soil Excavation 31C (2nd)	20	31SL020	1.5			
Soil Excavation 31C (3rd)	20	31SL020	2.0	05NEC31SL020		

SAMPLE SURVEY LOCATIONS

Location	Sample Number	LOCID	Depth (ft)	Associated Project Sample Number	Northing	Easting
Figure 6-3						
Bldg 1001						
1001 Room A (Under Concrete)	81	31SL081	0.5	05NEC31SL081	95864.6112	97357.0621
1001 Room A (Under Concrete)	82	31SL082	0.5	05NEC31SL082	95871.3908	97365.1099
1001 Room A (Under Concrete)	85	31SL085	0.5	05NEC31SL085	95866.2668	97371.0273
1001 Room A (Under Concrete)	86	31SL086	0.5	05NEC31SL086	95859.4872	97362.9795
1001 Room A (Under Concrete)	87	31SL087	0.5	05NEC31SL087	95851.2317	97368.9965
1001 Room A (Under Concrete)	88	31SL088	0.5	05NEC31SL088	95858.0113	97377.0443
1001 Room A (Under Concrete)	89	31SL089	0.5	05NEC31SL089	95851.4607	97384.8577
1001 Room A (Under Concrete)	90	31SL090	0.5	05NEC31SL090	95844.6812	97376.8099
1001 Room G (Under Concrete)	91	31SL091	0.5	05NEC31SL091	95835.1146	97381.2683
1001 Room G (Under Concrete)	92	31SL092	0.5	05NEC31SL092	95832.2666	97392.0123
1001 Room G (Under Concrete)	93	31SL093	0.5	05NEC31SL093	95838.839	97393.8397
1001 Room C (Under Concrete)	94	31SL094	0.5	05NEC31SL094	95883.7636	97388.5377
1001 Room C (Under Concrete)	97	31SL097	0.5	05NEC31SL097	95888.4937	97394.8499
1001 Room C (Under Concrete)	98	31SL098	0.5	05NEC31SL098	95878.7593	97397.32
1001 Room E (Under Concrete)	99	31SL099	0.5	05NEC31SL099	95904.4069	97405.746
1001 Room E (Under Concrete)	100	31SL100	0.5	05NEC31SL100	95895.8289	97403.9753
1001 Room E (Under Concrete)	101	31SL101	0.5	05NEC31SL101	95899.9033	97411.5316
1001 Room F (Under Concrete)	102	31SL102	0.5	05NEC31SL102	95925.8475	97437.9215
1001 Room F (Under Concrete)	103	31SL103	0.5	05NEC31SL103	95933.7671	97446.5608
1001 Room F (Under Concrete)	104	31SL104	0.5	05NEC31SL104	95940.4011	97454.4147
1001 Room F (Under Concrete)	105	31SL105	0.5	05NEC31SL105	95932.697	97460.8405
1001 Room F (Under Concrete)	106	31SL106	0.5	05NEC31SL106	95926.0629	97452.9866
1001 Room F (Under Concrete)	109	31SL109	0.5	05NEC31SL109	95919.1433	97444.3473
1001 Room F (Under Concrete)	109	31SL109Re	0.5	05NEC31SL109Re		
1001 Room F (Under Concrete)	110	31SL110	0.5	05NEC31SL110	95910.94	97450.7727
1001 Room F (Under Concrete)	111	31SL111	0.5	05NEC31SL111	95917.8596	97459.412
1001 Room F (Under Concrete)	112	31SL112	0.5	05NEC31SL112	95924.5391	97467.3737
Figure 6-4						
Excavation 7A						
Soil Excavation 7A	29	07SL029	2.5		100363.554	99394.5157
Soil Excavation 7A (2nd)	29	07SL029	3.5			
Soil Excavation 7A	30	07SL030	2.5		100366.6485	99394.5965
Soil Excavation 7A (2nd)	30	07SL030	3.5			
Soil Excavation 7A	31	07SL031	2.5		100364.4473	99391.5216
Soil Excavation 7A (2nd)	31	07SL031	3.5			
Excavation 7B						
Soil Excavation 7B	32	07SL032	1.0	05NEC07SL032	100353.8926	99396.425
Soil Excavation 7B	33	07SL033	1.0		100356.7276	99396.1885
Soil Excavation 7B	34	07SL034	1.0		100355.8557	99393.8867

SAMPLE SURVEY LOCATIONS

Location	Sample Number	LOCID	Depth (ft)	Associated Project Sample Number	Northing	Easting
Excavation 7C						
Soil Excavation 7C	37	07SL037	1.5		100350.4142	99384.3486
Soil Excavation 7C	38	07SL038	1.5	05NEC07SL038	100347.6534	99384.2144
Soil Excavation 7C	39	07SL039	1.5		100349.6193	99387.0139
Excavation 7D						
Soil Excavation 7D	40	07SL040	2.0		100329.6408	99372.724
Soil Excavation 7D	41	07SL041	2.0		100327.1324	99372.7774
Soil Excavation 7D	42	07SL042	2.0	05NEC07SL042	100327.9299	99370.144
Figure 6-5						
Excavation 7E						
Soil Excavation 7E	43	07SL043	1.0		100262.4135	99300.6133
Soil Excavation 7E (2nd)	43	07SL043	2.0			
Soil Excavation 7E	44	07SL044	1.0		100262.395	99303.7037
Soil Excavation 7E (2nd)	44	07SL044	2.0			
Soil Excavation 7E	45	07SL045	1.0		100265.332	99302.1555
Soil Excavation 7E (2nd)	45	07SL045	2.0			
Excavation 7F						
Soil Excavation 7F	46	07SL046	1.0		100250.1011	99306.5945
Soil Excavation 7F	49	07SL049	1.0		100248.9298	99308.9353
Soil Excavation 7F	50	07SL050	1.0		100251.0139	99308.8572
Figure 6-6						
Excavation 14A						
Soil Excavation 14A	21	AFSL021	1.0		97724.4376	95564.716
Soil Excavation 14A (2nd)	21	AFSL021	2.0			
Soil Excavation 14A	22	AFSL022	1.0		97721.9815	95564.7398
Soil Excavation 14A (2nd)	22	AFSL022	2.0			
Soil Excavation 14A (3rd)	22	AFSL022	3.0	05NECAFSL022		
Soil Excavation 14A	25	AFSL025	1.0		97721.9155	95561.916
Soil Excavation 14A (2nd)	25	AFSL025	2.0			
Soil Excavation 14A (3rd)	25	AFSL025	3.0			
Excavation 14B						
Soil Excavation 14B	26	AFSL026	0.5		97733.0276	95565.2161
Soil Excavation 14B (2nd)	26	AFSL026	1.5	05NECAFSL026		
Soil Excavation 14B	27	AFSL027	0.5		97736.2046	95565.1746
Soil Excavation 14B (2nd)	27	AFSL027	1.5			
Soil Excavation 14B	28	AFSL028	0.5		97734.7285	95571.029
Soil Excavation 14B (2nd)	28	AFSL028	1.5			
Figure 6-7						
Excavation 13A-1						
Soil Excavation 13A-1	73	AFSL073	2.5		98202.3649	96099.0749
Soil Excavation 13A-1	74	AFSL074	2.5		98195.2029	96101.7043
Soil Excavation 13A-1	75	AFSL075	2.5		98187.4666	96102.3486
Soil Excavation 13A-1	76	AFSL076	2.5		98189.0696	96097.4949
Soil Excavation 13A-1	77	AFSL077	2.5		98191.2656	96088.0511

SAMPLE SURVEY LOCATIONS

Location	Sample Number	LOCID	Depth (ft)	Associated Project Sample Number	Northing	Easting
Excavation 13A-2						
Soil Excavation 13A-2	78	AFSL078	1.5		98190.3007	96083.3177
Soil Excavation 13A-2	79	AFSL079	1.5		98177.5578	96083.717
Soil Excavation 13A-2	80	AFSL080	1.5		98180.5116	96103.7346
Excavation 13B-1						
Soil Excavation 13B-1	65	AFSL065	2.5		98208.989	96081.3107
Soil Excavation 13B-1	66	AFSL066	2.5		98209.8421	96088.3808
Soil Excavation 13B-1	67	AFSL067	2.5		98210.9895	96100.7138
Soil Excavation 13B-1	68	AFSL068	2.5		98199.9195	96093.8125
Soil Excavation 13B-1	69	AFSL069	2.5		98203.5376	96085.1889
Soil Excavation 13B-1	70	AFSL070	2.5		98195.15	96082.1591
Excavation 13B-2						
Soil Excavation 13B-2	62	AFSL062	1.5	05NECAFSL062	98217.2402	96099.2309
Soil Excavation 13B-2	63	AFSL063	1.5		98215.7694	96087.7474
Soil Excavation 13B-2	64	AFSL064	1.5	05NECAFSL064	98214.9409	96080.4943
Figure 6-8						
Excavation 13C						
Soil Excavation 13C	57	AFSL057	1.5		98255.7038	96113.8152
Soil Excavation 13C	58	AFSL058	1.5		98264.9058	96119.0526
Soil Excavation 13C	61	AFSL061	1.5		98258.5703	96121.9019
Soil Excavation 13C (2nd)	61	AFSL061	2.5	05NECAFSL061		
Excavation 13D						
Soil Excavation 13D	54	AFSL054	0.5		98283.475	96193.6492
Soil Excavation 13D	55	AFSL055	0.5		98283.4766	96183.0719
Soil Excavation 13D	56	AFSL056	0.5		98284.621	96170.9089
Soil Excavation 13D (2nd)	56	AFSL056	1.5	05NECAFSL056		
Excavation 13E						
Soil Excavation 13E	51	AFSL051	1.0		98278.8165	96189.9754
Soil Excavation 13E	52	AFSL052	1.0		98278.2981	96185.4005
Soil Excavation 13E (2nd)	52	AFSL052	2.0			
Soil Excavation 13E	53	AFSL053	1.0	05NEC07SL053	98273.9148	96187.8083
Figure 6-9						
Bldg 110						
Building 110 (Under Concrete)	113	AFSL113	0.5		98181.4418	96159.1788
Building 110 (Under Concrete)	114	AFSL114	0.5		98177.8485	96162.1632
Building 110 (Under Concrete)	115	AFSL115	0.5		98177.8485	96162.1632

SAMPLE SURVEY LOCATIONS

Location	Sample Number	LOCID	Depth (ft)	Associated Project Sample Number	Northing	Easting
Figure 6-10						
Building 108						
Building 108 Concrete Powder	22A	AFCC221A	0.5	05NECAFCC221	98200.6604	96283.137
Building 108 Concrete Powder	22B	AFCC221B	0.5	05NECAFCC221	98202.6965	96287.15
Building 108 Concrete Powder	22C	AFCC221C	0.5	05NECAFCC221	98204.7326	96291.1631
Building 108 Concrete Powder	23A	AFCC231A	0.5	05NECAFCC231	98204.6734	96281.1009
Building 108 Concrete Powder	23B	AFCC231B	0.5	05NECAFCC231	98206.7095	96285.1139
Building 108 Concrete Powder	23C	AFCC231C	0.5	05NECAFCC231	98208.7456	96289.1269
Building 108 Soil Under Concrete	24A	AFSL241A	0.5	05NECAFSL241	98208.6864	96279.0648
Building 108 Concrete Powder	24B	AFCC241B	0.5	05NECAFCC241	98210.7225	96283.0778
Building 108 Concrete Powder	24C	AFCC241C	0.5	05NECAFCC241	98212.7586	96287.0908
Figure 6-11						
Building 109						
Building 109 Concrete Powder	01A	AFCC011A	0.5	05NECAFCC011	98107.6244	96186.4866
Building 109 Concrete Powder	01B	AFCC011B	0.5	05NECAFCC011	98107.8949	96188.5768
Building 109 Concrete Powder	01C	AFCC011C	0.5	05NECAFCC011	98105.4412	96186.7691
Building 109 Concrete Powder	01D	AFCC011D	0.5	05NECAFCC011	98105.7117	96188.8593
Building 109 Concrete Powder	02A	AFCC021A	0.5	05NECAFCC021	98108.1654	96190.6671
Building 109 Concrete Powder	02B	AFCC021B	0.5	05NECAFCC021	98108.4359	96192.7573
Building 109 Concrete Powder	02C	AFCC021C	0.5	05NECAFCC021	98105.9823	96190.9496
Building 109 Concrete Powder	02D	AFCC021D	0.5	05NECAFCC021	98106.2528	96193.0398
Building 109 Concrete Powder	03A	AFCC031A	0.5	05NECAFCC031	98108.7064	96194.8476
Building 109 Concrete Powder	03B	AFCC031B	0.5	05NECAFCC031	98108.9769	96196.9378
Building 109 Concrete Powder	03C	AFCC031C	0.5	05NECAFCC031	98106.5233	96195.1301
Building 109 Concrete Powder	03D	AFCC031D	0.5	05NECAFCC031	98106.7938	96197.2204
Building 109 Concrete Powder	04A	AFCC041A	0.5	05NECAFCC041	98104.3401	96195.4126
Building 109 Concrete Powder	04B	AFCC041B	0.5	05NECAFCC041	98104.6106	96197.5029
Building 109 Concrete Powder	04C	AFCC041C	0.5	05NECAFCC041	98102.157	96195.6952
Building 109 Concrete Powder	04D	AFCC041D	0.5	05NECAFCC041	98102.4275	96197.7854
Building 109 Concrete Powder	05A	AFCC051A	0.5	05NECAFCC051	98103.7991	96191.2321
Building 109 Concrete Powder	05B	AFCC051B	0.5	05NECAFCC051	98104.0696	96193.3224
Building 109 Concrete Powder	05C	AFCC051C	0.5	05NECAFCC051	98101.616	96191.5146
Building 109 Concrete Powder	05D	AFCC051D	0.5	05NECAFCC051	98101.8865	96193.6049
Building 109 Concrete Powder	06A	AFCC061A	0.5	05NECAFCC061	98103.2581	96187.0516
Building 109 Concrete Powder	06B	AFCC061B	0.5	05NECAFCC061	98103.5286	96189.1419
Building 109 Concrete Powder	06C	AFCC061C	0.5	05NECAFCC061	98101.0749	96187.3341
Building 109 Concrete Powder	06D	AFCC061D	0.5	05NECAFCC061	98101.3454	96189.4244
Building 109 Concrete Powder	07A	AFCC071A	0.5	05NECAFCC071	98098.8918	96187.6167
Building 109 Concrete Powder	07B	AFCC071B	0.5	05NECAFCC071	98099.1623	96189.7069
Building 109 Concrete Powder	07C	AFCC071C	0.5	05NECAFCC071	98096.7086	96187.8992
Building 109 Concrete Powder	07D	AFCC071D	0.5	05NECAFCC071	98096.9791	96189.9894
Building 109 Concrete Powder	08A	AFCC081A	0.5	05NECAFCC081	98099.4328	96191.7972
Building 109 Concrete Powder	08B	AFCC081B	0.5	05NECAFCC081	98099.7033	96193.8874
Building 109 Concrete Powder	08C	AFCC081C	0.5	05NECAFCC081	98097.2496	96192.0797

SAMPLE SURVEY LOCATIONS

Location	Sample Number	LOCID	Depth (ft)	Associated Project Sample Number	Northing	Easting
Building 109 Concrete Powder	08D	AFCC081D	0.5	05NECAFCC081	98097.5202	96194.17
Building 109 Concrete Powder	09A	AFCC091A	0.5	05NECAFCC091	98099.9738	96195.9777
Building 109 Concrete Powder	09B	AFCC091B	0.5	05NECAFCC091	98100.2443	96198.0679
Building 109 Concrete Powder	09C	AFCC091C	0.5	05NECAFCC091	98097.7907	96196.2602
Building 109 Concrete Powder	09D	AFCC091D	0.5	05NECAFCC091	98098.0612	96198.3505
Building 109 Concrete Powder	10A	AFCC101A	0.5	05NECAFCC101	98095.6075	96196.5427
Building 109 Concrete Powder	10B	AFCC101B	0.5	05NECAFCC101	98095.878	96198.633
Building 109 Concrete Powder	10C	AFCC101C	0.5	05NECAFCC101	98093.4244	96196.8253
Building 109 Concrete Powder	10D	AFCC101D	0.5	05NECAFCC101	98093.6949	96198.9155
Building 109 Concrete Powder	11A	AFCC111A	0.5	05NECAFCC111	98095.0665	96192.3622
Building 109 Concrete Powder	11B	AFCC111B	0.5	05NECAFCC111	98095.337	96194.4525
Building 109 Concrete Powder	11C	AFCC111C	0.5	05NECAFCC111	98092.8833	96192.6448
Building 109 Concrete Powder	11D	AFCC111D	0.5	05NECAFCC111	98093.1539	96194.735
Building 109 Concrete Powder	12A	AFCC121A	0.5	05NECAFCC121	98094.5255	96188.1817
Building 109 Concrete Powder	12B	AFCC121B	0.5	05NECAFCC121	98094.796	96190.272
Building 109 Concrete Powder	12C	AFCC121C	0.5	05NECAFCC121	98092.3423	96188.4642
Building 109 Concrete Powder	12D	AFCC121D	0.5	05NECAFCC121	98092.6128	96190.5545
Building 109 Concrete Powder	13A	AFCC131A	0.5	05NECAFCC131	98090.1592	96188.7468
Building 109 Concrete Powder	13B	AFCC131B	0.5	05NECAFCC131	98090.4297	96190.837
Building 109 Concrete Powder	13C	AFCC131C	0.5	05NECAFCC131	98087.976	96189.0293
Building 109 Concrete Powder	13D	AFCC131D	0.5	05NECAFCC131	98088.2465	96191.1196
Building 109 Concrete Powder	14A	AFCC141A	0.5	05NECAFCC141	98090.7002	96192.9273
Building 109 Concrete Powder	14B	AFCC141B	0.5	05NECAFCC141	98090.9707	96195.0175
Building 109 Concrete Powder	14C	AFCC141C	0.5	05NECAFCC141	98088.517	96193.2098
Building 109 Concrete Powder	14D	AFCC141D	0.5	05NECAFCC141	98088.7875	96195.3001
Building 109 Concrete Powder	15A	AFCC151A	0.5	05NECAFCC151	98091.2412	96197.1078
Building 109 Concrete Powder	15B	AFCC151B	0.5	05NECAFCC151	98091.5117	96199.198
Building 109 Concrete Powder	15C	AFCC151C	0.5	05NECAFCC151	98089.0581	96197.3903
Building 109 Concrete Powder	15D	AFCC151D	0.5	05NECAFCC151	98089.3286	96199.4806
Building 109 Concrete Powder	16A	AFCC161A	0.5	05NECAFCC161	98086.8749	96197.6728
Building 109 Concrete Powder	16B	AFCC161B	0.5	05NECAFCC161	98087.1454	96199.7631
Building 109 Concrete Powder	16C	AFCC161C	0.5	05NECAFCC161	98084.6918	96197.9554
Building 109 Concrete Powder	16D	AFCC161D	0.5	05NECAFCC161	98084.9623	96200.0456
Building 109 Concrete Powder	17A	AFCC171A	0.5	05NECAFCC171	98086.3339	96193.4923
Building 109 Concrete Powder	17B	AFCC171B	0.5	05NECAFCC171	98086.6044	96195.5826
Building 109 Concrete Powder	17C	AFCC171C	0.5	05NECAFCC171	98084.1507	96193.7749
Building 109 Concrete Powder	17D	AFCC171D	0.5	05NECAFCC171	98084.4212	96195.8651
Building 109 Concrete Powder	18A	AFCC181A	0.5	05NECAFCC181	98085.7929	96189.3118
Building 109 Concrete Powder	18B	AFCC181B	0.5	05NECAFCC181	98086.0634	96191.4021
Building 109 Concrete Powder	18C	AFCC181C	0.5	05NECAFCC181	98083.6097	96189.5944
Building 109 Concrete Powder	18D	AFCC181D	0.5	05NECAFCC181	98083.8802	96191.6846
Building 109 Concrete Powder	19A	AFCC191A	0.5	05NECAFCC191	98081.4266	96189.8769
Building 109 Concrete Powder	19B	AFCC191B	0.5	05NECAFCC191	98081.6971	96191.9671
Building 109 Concrete Powder	19C	AFCC191C	0.5	05NECAFCC191	98079.2434	96190.1594

SAMPLE SURVEY LOCATIONS

Location	Sample Number	LOCID	Depth (ft)	Associated Project Sample Number	Northing	Easting
Building 109 Concrete Powder	19D	AFCC191D	0.5	05NECAFCC191	98079.5139	96192.2497
Building 109 Concrete Powder	20A	AFCC201A	0.5	05NECAFCC201	98081.9676	96194.0574
Building 109 Concrete Powder	20B	AFCC201B	0.5	05NECAFCC201	98082.2381	96196.1476
Building 109 Concrete Powder	20C	AFCC201C	0.5	05NECAFCC201	98079.7844	96194.3399
Building 109 Concrete Powder	20D	AFCC201D	0.5	05NECAFCC201	98080.0549	96196.4302
Building 109 Concrete Powder	21A	AFCC211A	0.5	05NECAFCC211	98082.5086	96198.2379
Building 109 Concrete Powder	21B	AFCC211B	0.5	05NECAFCC211	98082.7791	96200.3281
Building 109 Concrete Powder	21C	AFCC211C	0.5	05NECAFCC211	98080.3254	96198.5204
Building 109 Concrete Powder	21D	AFCC211D	0.5	05NECAFCC211	98080.596	96200.6107

APPENDIX E

**Chemical Data Quality Report and
Chemical Data Quality Assurance Report**

Chemical Data Quality Report

CHEMICAL DATA QUALITY REVIEW

Northeast Cape

2005 Sampling Event

Project #

04-036

Received: 10/25/05

Prepared for

Army Corps of Engineers - Alaska Division

Prepared by

ETHIX

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1.0 Introduction

This report summarizes the technical review of analytical results generated in support of the soil, concrete and waste sampling event at Northeast Cape. The criteria applied for this review are consistent with analytical method protocols described in Sampling and Analysis Plan (SAP) for DACA85-02-C-0011. In cases where specific guidance was not available in the SAP, the data have been evaluated using the DOD QSM. The review included evaluation of sample collection, holding time and summary information for blanks (to assess contamination), sample duplicates (to assess precision), laboratory control samples (to assess accuracy) and matrix spike and surrogate recoveries (to assess matrix effect). Instrument calibration review and raw data verification were not performed.

The report is arranged by method; within each method section is a sub-section addressing each data quality indicator. In situations where all applicable criteria were met, it will be stated. If criteria were not met, the non-compliance, qualifier and associated samples are listed. Appendices A and B list qualifier definitions and acronyms, respectively. Appendix C, the data summary table, displays all sample results, as well as qualifiers and descriptors that may apply. Appendix D includes a summary of all qualified data, by analysis type. All samples collected are identified in Table 1. Any discrepancies or deficiencies associated with sampling and analysis can be found in Table 2. Rejected data are identified in Table 3 (Appendix E). All remaining tables (Appendix E) list all qualified data by data quality indicator and analysis type as well as results that did not meet specific screening levels.

The laboratory electronic data format (EDF) for this project was used to generate this report. In many cases abbreviations are used from the EDF; refer to the acronyms (Appendix B) for an explanation of abbreviations. When discrepancies between the hardcopy data and the EDF are found, the EDF has been modified to reflect values from the hardcopy, unless the hardcopy is found to be in error. Results used to generate this report are deemed to be accurate.

I certify that all data validation criteria described above were assessed, and any qualifications made to the data were in accordance with the cited reference documents.

Authorized Signature (209) 576-2621

2.0 Executive Summary

Seventy-seven soil and 27 concrete composite samples were collected by Bristol Environmental in Anchorage, Alaska from July 18, 2005 to August 21, 2005. Samples were submitted to SGS Environmental in Anchorage, Alaska (Primary Laboratory) and North Creek Analytical in Bothell, Washington (Referee Laboratory) within 4 to 11 days of collection. Samples were analyzed for Polychlorinated Biphenyls and TCLP Metals.

In general data are of good quality. No data were rejected. Very few data points were qualified; in most cases qualification was due to low concentrations (trace levels detected). Only aroclor 1260 was detected in the samples; all remaining aroclors were reported as non-detected.

Both laboratories used the methods defined in the Sampling and Analysis Plan. Acceptable agreement was observed in all QA/QC triplicate sets.

3.0 Polychlorinated Biphenyls (PCBs)

The following number of samples were prepared and analyzed by the listed methods:

Laboratory: NCAB

# of Samples	Matrix	Prep Method	Analysis Method	Reporting Units
9	SO	SW3550B	SW8082	µg/Kg

Laboratory: SGSA

# of Samples	Matrix	Prep Method	Analysis Method	Reporting Units
64	SL	SW3550B	SW8082	µg/Kg
27	SC	SW3550B	SW8082	µg/Kg
4	SO	SW3550B	SW8082	µg/Kg

Samples analyzed by this method are identified in Table 1.

3.1 Holding Time

All samples were prepared and analyzed within the required technical holding time.

3.2 Surrogates

All surrogate recoveries were within the required limits except the following:

Laboratory: SGSA
Project ID: 1054532

Lab ID	Field ID	Matrix	Dil Factor	Surrogate	% Rec	Recovery Limits ¹	Q ²	Bias	RC
1054532005	05NEC31SL016	SL	49.7	decachlorobiphenyl	0	60 - 125	none*	NA	NA
1054532006	05NECAFSL062	SL	49.6	decachlorobiphenyl	0	60 - 125	none*	NA	NA

¹ Project-established limits

² According to the Functional Guidelines for Organic Data Review, if the surrogate recovery is > UCL, flag detected results J; if the surrogate recovery is < LCL, flag detected results J and non-detects UJ; if the surrogate recovery is less than 10%, flag detected results J and non-detects UR

* qualifiers do not apply if the sample was diluted by >5 times and the recovery is <LCL

3.3 Blanks

Method blanks were analyzed at the minimum required frequency. All target compounds were reported as nondetected in all cases.

3.3

Field blanks were not collected for analysis by this method.

3.4 Matrix Spike/Matrix Spike Duplicates

MS/MSDs were analyzed at the required frequency. All recoveries and RPDs were within the required limits except the following:

Laboratory: SGSA
Prep Date: 7/27/05
Prep Batch ID: XXX15435
Spiked Sample: Waste110
Matrix: SL
Dil Factor: 9.96

ANALYTE	Sample Result µg/Kg	Spike Conc. µg/Kg	% Recovery		Limits ¹	MS/MSD RPD	Limit ¹	Q ²	Bias	RC
			MS	MSD						
aroclor 1260	2020	477.2	109	-50	38 - 126	74	30			None - > 4X spike
Associated Samples:										
	Waste7	(1054603001)			Waste110	(1054603002)				
	Waste98	(1054603003)								

¹ Project-established limits

² If the MS or MSD recovery is < LCL apply J to all detected results, apply UJ to all non-detects; if the MS or MSD recovery is > UCL apply J to all detected results; if the MS/MSD RPD is > UCL apply J to all detected results, apply UJ to all non-detects. For this review, qualifiers will apply to the spiked sample only

3.5 Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries and RPDs were within the required limits.

3.6 Quantitation Limits

The practical quantitation limits (PQLs) achieved by the laboratories were acceptable relative to the practical quantitation limits established in the SAP. Eleven results were below the quantitation limit, and are flagged "J". Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable, due to the uncertainty in precision near the limit of detection.

Quantitation Limits

The aroclor 1260 result in sample 05NEC31SL108 exceeded the calibration range in the original analysis. The sample was appropriately diluted and reanalyzed. Aroclor 1260 results should be used from the analysis of the dilution and all remaining non-detected aroclors should be used from the nondiluted analysis.

Six samples analyzed at SGSA did not meet project required quantitation limits due to dilution. Sample results not meeting the limits can be found in Table 6.

3.7 QA / QC Triplicates

Eight sets of QA / QC triplicate samples were collected for analysis by this method. All samples results were in agreement except the following:

3.8 Overall Assessment

Some data quality deficiencies were found, resulting in an insignificant amount of qualified data. No data were rejected. Most qualifications made to the data were due to trace concentrations detected. Three aroclor 1260 results were qualified as estimated due to poor QA/QC triplicate precision, and one aroclor 1260 result was qualified as estimated due to calibration range exceedance. Appendix E lists all qualified sample results, by data quality indicator and analysis type. Results that were rejected are unuseable for any purpose. Results that were qualified as estimated or nondetected are useable for limited purposes. All other data generated by this method should be considered useable as reported.

4.0 Total Metals (TCLP)

The following number of samples were prepared and analyzed by the listed methods:

Laboratory: SGSA

# of Samples	Matrix	Prep Method	Analysis Method	Reporting Units
1	WL	SW3010A	SW6010B	mg/L
1	WL	SW7470A	SW7470A	µg/L

Samples analyzed by this method are identified in Table 1.

4.1 Holding Time

The sample was analyzed within the required technical holding time.

4.2 Blanks

Method blanks were analyzed at the minimum required frequency. All target analytes were reported as nondetected in all cases.

Field blanks were not collected for analysis by these methods.

4.3 Matrix Spike/Matrix Spike Duplicates

MS/MSDs were analyzed at the required frequency for mercury. A non-project sample was used as the MS/MSD for the remaining RCRA metals. All recoveries and RPDs were within the required limits.

4.4 Sample Duplicates

Sample duplicates were not analyzed. MS/MSDs were used to evaluate precision.

4.5 Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency. All recoveries were within the required limits.

4.6 Quantitation Limits

The practical quantitation limits (PQLs) achieved by the laboratory was acceptable relative to the practical quantitation limits described within the Sampling and Analysis Plan. One detected result was below the quantitation limit, and is flagged "J". Results below the reporting limit are considered qualitatively acceptable, but quantitatively unreliable, due to the uncertainty in precision near the limit of detection.

4.7 QA / QC Triplicates

QA / QC triplicate samples were not collected for analysis by these methods.

4.9 Overall Assessment

No data quality deficiencies were found. One detected result was below the PQL and qualified as estimated. Appendix E lists all qualified sample results, by data quality indicator and analysis type. Results that were rejected are unuseable for any purpose. Results that were qualified as estimated or nondetected are useable for limited purposes. All other data generated by this method should be considered useable as reported.

5.0 References

"Sampling and Analysis Plan White Alice Tram and Debris Removal BEESC Project No. 25037", May 2005

" Department Of Defense Quality Systems Manual For Environmental Laboratories", June 2002

"National Functional Guidelines for Organic Data Review", October 1999

"National Functional Guidelines for Inorganic Data Review", February, 1994

"USEPA Test Methods for Evaluating Solid Waste Physical/Chemical Methods", July 1992 (SW-846)

Appendix A

Qualifier Definitions

B	The sample result is less than 5 or 10 times (for common laboratory contaminants) the associated blank contamination.
U	The analyte was analyzed for, but was not detected above the reported quantitation limit.
UJ	The analyte was not detected above the reported quantitation limit. However, the reported quantitation is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
J/none	Sample results for the analyte are estimated for positive results; results reported below the quantitation limit are not qualified (high bias).
J/UJ	Sample results for the analyte are estimated for both positive results and results reported below the quantitation limit (low bias).
R/UR	The sample results are rejected for both positive results and results reported below the quantitation limit due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Appendix B

Acronyms

CRQL	-	Contract Required Quantitation Limit
H	-	High Bias
L	-	Low Bias
LCL	-	Lower Control Limit
LCS/LCSD	-	Laboratory Control Sample/Laboratory Control Sample Duplicate
MB	-	Method Blank
MDL	-	Method Detection Limit
MS/MSD	-	Matrix Spike/Matrix Spike Duplicate
N	-	No Bias Determined
NA	-	Not Applicable
NE	-	Not Established
NR	-	Not Reported
PQL	-	Practical Quantitation Limit
Q	-	Qualifier
QA	-	Quality Assurance
QC	-	Quality Control
RPD	-	Relative Percent Difference
RRL	-	Required Reporting Limit
RSD	-	Relative Standard Deviation
RTHT	-	Required Technical Holding Time
SD	-	Sample Duplicate
STL8	-	Severn Trent Laboratories, Tacoma Washington
SW-846	-	EPA Test Methods for Evaluating Solid Waste
SX	-	Soil
UCL	-	Upper Control Limit
WL	-	Leachate

Appendix C

Data Summary Table

QUALIFIER REASON CODES

- a - The analyte was found in the method blank
- a- - Negative drift observed in instrument calibration blanks
- b - Surrogate spike recovery outside control limits
- c - Matrix Spike/Matrix Spike Duplicate (MS/MSD) recovery outside control limits
- d - Laboratory Control Sample (LCS) recovery outside control limits
- e - Holding time exceeded
- f - MS/LCS sample duplicate failed precision criteria
- h - Second column results indicate that the environmental results were not confirmed
- i - Instrument Calibration outside control limits
- k - The analyte was found in the field blank
- m - Numerical value between the MDL and PQL
- n - Field duplicate precision problem
- o - Result reported exceeds calibration range
- p - Sample was not properly collected, preserved or shipped
- s - Internal Standard outside control limits
- t - Sample temperature outside acceptance criteria

(Note: Where multiple qualifiers have been applied the first qualifier corresponds to the first reason code)

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1054532001			1054532002			1054532003			1054532004			1054532005			1054532006		
	Field ID	05NEC31SL001			05NEC31SL008			05NEC31SL013			05NEC31SL015			05NEC31SL016			05NECAFSL062		
	Matrix	SL																	
Date Collected	7/18/05			7/18/05			7/21/05			7/18/05			7/18/05			7/18/05			
Units	µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			
	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	
aroclor 1016	565	U		592	U		624	U		563	U		2770	U		2700	U		
aroclor 1221	565	U		592	U		624	U		563	U		2770	U		2700	U		
aroclor 1232	565	U		592	U		624	U		563	U		2770	U		2700	U		
aroclor 1242	565	U		592	U		624	U		563	U		2770	U		2700	U		
aroclor 1248	565	U		592	U		624	U		563	U		2770	U		2700	U		
aroclor 1254	565	U		592	U		624	U		563	U		2770	U		2700	U		
aroclor 1260	5130			6950			7090			8330			17700			37100			

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1054532007			1054532008			1054532009			1054532010			1054532011			1054532012		
	Field ID	05NECAFSL064			05NEC31SL003			05NEC07SL032			05NEC07SL038			05NEC07SL042			05NEC07SL053		
	Matrix	SL																	
	Date Collected	7/18/05			7/18/05			7/18/05			7/18/05			7/18/05					
Units	µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg						
	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	
aroclor 1016	261	U		51.6	U		52.9	U		54.4	U		53.8	U		51.4	U		
aroclor 1221	261	U		51.6	U		52.9	U		54.4	U		53.8	U		51.4	U		
aroclor 1232	261	U		51.6	U		52.9	U		54.4	U		53.8	U		51.4	U		
aroclor 1242	261	U		51.6	U		52.9	U		54.4	U		53.8	U		51.4	U		
aroclor 1248	261	U		51.6	U		52.9	U		54.4	U		53.8	U		51.4	U		
aroclor 1254	261	U		51.6	U		52.9	U		54.4	U		53.8	U		51.4	U		
aroclor 1260	1410			286			173			99.1			53.6	J	m	152			

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1054532013			1054532014			1054532015			1054532016			1054532017			1054532018		
	Field ID	05NEC31SL081			05NEC31SL082			05NEC31SL083			05NEC31SL085			05NEC31SL086			05NEC31SL087		
	Matrix	SL																	
	Date Collected	7/19/05			7/19/05			7/19/05			7/19/05			7/19/05			7/19/05		
	Units	µg/Kg																	
		RESULT	Q	RC															
aroclor 1016		49.5	U		49.4	U		51	U		50.8	U		50.9	U		51.2	U	
aroclor 1221		49.5	U		49.4	U		51	U		50.8	U		50.9	U		51.2	U	
aroclor 1232		49.5	U		49.4	U		51	U		50.8	U		50.9	U		51.2	U	
aroclor 1242		49.5	U		49.4	U		51	U		50.8	U		50.9	U		51.2	U	
aroclor 1248		49.5	U		49.4	U		51	U		50.8	U		50.9	U		51.2	U	
aroclor 1254		49.5	U		49.4	U		51	U		50.8	U		50.9	U		51.2	U	
aroclor 1260		49.5	U		49.4	U		51	U		228			50.9	U		59.1		

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1054532019			1054532020			1054532021			1054532022			1054532023			1054532024		
	Field ID	05NEC31SL088			05NEC31SL089			05NEC31SL090			05NEC31SL091			05NEC31SL092			05NEC31SL093		
	Matrix	SL			SL														
	Date Collected	7/19/05			7/19/05			7/19/05			7/19/05			7/19/05			7/19/05		
Units	µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			
	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	
aroclor 1016	50.9	U		50.6	U		51	U		51.7	U		51	U		50	U		
aroclor 1221	50.9	U		50.6	U		51	U		51.7	U		51	U		50	U		
aroclor 1232	50.9	U		50.6	U		51	U		51.7	U		51	U		50	U		
aroclor 1242	50.9	U		50.6	U		51	U		51.7	U		51	U		50	U		
aroclor 1248	50.9	U		50.6	U		51	U		51.7	U		51	U		50	U		
aroclor 1254	50.9	U		50.6	U		51	U		51.7	U		51	U		50	U		
aroclor 1260	263			173			54.8			44.5	J	m	58.4			50	U		

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1054532025			1054532026			1054532027			1054532028			1054532029			1054532030		
	Field ID	05NEC31SL094			05NEC31SL095			05NEC31SL097			05NEC31SL098			05NEC31SL099			05NEC31SL100		
	Matrix	SL			SL														
Date Collected	7/19/05			7/19/05			7/19/05			7/19/05			7/19/05			7/19/05			
Units	µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			
	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	
aroclor 1016	49.5	U		50.4	U		49.9	U		49.2	U		51.2	U		51.1	U		
aroclor 1221	49.5	U		50.4	U		49.9	U		49.2	U		51.2	U		51.1	U		
aroclor 1232	49.5	U		50.4	U		49.9	U		49.2	U		51.2	U		51.1	U		
aroclor 1242	49.5	U		50.4	U		49.9	U		49.2	U		51.2	U		51.1	U		
aroclor 1248	49.5	U		50.4	U		49.9	U		49.2	U		51.2	U		51.1	U		
aroclor 1254	49.5	U		50.4	U		49.9	U		49.2	U		51.2	U		51.1	U		
aroclor 1260	115			116			96.8			149			114			101			

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1054532031			1054532032			1054532033			1054532034			1054532035			1054532036		
	Field ID	05NEC31SL101			05NEC31SL102			05NEC31SL103			05NEC31SL104			05NEC31SL105			05NEC31SL106		
	Matrix	SL																	
Date Collected	7/19/05			7/19/05			7/19/05			7/19/05			7/19/05			7/19/05			
Units	µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			
	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	
aroclor 1016	49.7	U		50.9	U		50.2	U		51.1	U		50.1	U		50.3	U		
aroclor 1221	49.7	U		50.9	U		50.2	U		51.1	U		50.1	U		50.3	U		
aroclor 1232	49.7	U		50.9	U		50.2	U		51.1	U		50.1	U		50.3	U		
aroclor 1242	49.7	U		50.9	U		50.2	U		51.1	U		50.1	U		50.3	U		
aroclor 1248	49.7	U		50.9	U		50.2	U		51.1	U		50.1	U		50.3	U		
aroclor 1254	49.7	U		50.9	U		50.2	U		51.1	U		50.1	U		50.3	U		
aroclor 1260	606			432			165			56.8			53.9			353			

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1054532037			1054532038			1054532039			1054532040			1054532041		
	Field ID	05NEC31SL107			05NEC31SL109			05NEC31SL110			05NEC31SL111			05NEC31SL112		
	Matrix	SL														
	Date Collected	7/19/05			7/19/05			7/19/05			7/19/05			7/19/05		
	Units	µg/Kg														
		RESULT	Q	RC												
aroclor 1016		51	U		50.9	U		50.7	U		50.6	U		51.7	U	
aroclor 1221		51	U		50.9	U		50.7	U		50.6	U		51.7	U	
aroclor 1232		51	U		50.9	U		50.7	U		50.6	U		51.7	U	
aroclor 1242		51	U		50.9	U		50.7	U		50.6	U		51.7	U	
aroclor 1248		51	U		50.9	U		50.7	U		50.6	U		51.7	U	
aroclor 1254		51	U		50.9	U		50.7	U		50.6	U		51.7	U	
aroclor 1260		520			1440			324			169			51.7	U	

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1054603001			1054603002			1054603003					
	Field ID	Waste7			Waste110			Waste98					
	Matrix	SL			SL			SL					
	Date Collected	7/18/05			7/18/05			7/18/05					
	Units	µg/Kg			µg/Kg			µg/Kg					
		RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC			
aroclor 1016		63.7	U		53.6	U		56.1	U				
aroclor 1221		63.7	U		53.6	U		56.1	U				
aroclor 1232		63.7	U		53.6	U		56.1	U				
aroclor 1242		63.7	U		53.6	U		56.1	U				
aroclor 1248		63.7	U		53.6	U		56.1	U				
aroclor 1254		63.7	U		53.6	U		56.1	U				
aroclor 1260		5250			2020			11900					

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1055152001			1055152006			1055152011			1055152016			1055152021			1055152026		
	Field ID	05NECAFCC011			05NECAFCC021			05NECAFCC031			05NECAFCC041			05NECAFCC051			05NECAFCC061		
	Matrix	SC			SC														
	Date Collected	8/4/05			8/4/05			8/4/05			8/4/05			8/4/05			8/4/05		
Units	µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			
	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	
aroclor 1016	48.8	U		48.1	U		47.3	U		50.9	U		48.3	U		48.9	U		
aroclor 1221	48.8	U		48.1	U		47.3	U		50.9	U		48.3	U		48.9	U		
aroclor 1232	48.8	U		48.1	U		47.3	U		50.9	U		48.3	U		48.9	U		
aroclor 1242	48.8	U		48.1	U		47.3	U		50.9	U		48.3	U		48.9	U		
aroclor 1248	48.8	U		48.1	U		47.3	U		50.9	U		48.3	U		48.9	U		
aroclor 1254	48.8	U		48.1	U		47.3	U		50.9	U		48.3	U		48.9	U		
aroclor 1260	48.8	U		48.1	U		24.8	J	m	50.9	U		48.3	U		48.9	U		

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1055152031			1055152036			1055152041			1055152042			1055152048			1055152055		
	Field ID	05NECAFCC071			05NECAFCC081			05NECAFCC091			05NECAFCC092			05NECAFCC101			05NECAFCC111		
	Matrix	SC			SC														
	Date Collected	8/4/05			8/5/05			8/5/05			8/5/05			8/5/05			8/5/05		
Units	µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			
	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	
aroclor 1016	47	U		50.3	U		50	U		50.3	U		101	U		50.6	U		
aroclor 1221	47	U		50.3	U		50	U		50.3	U		101	U		50.6	U		
aroclor 1232	47	U		50.3	U		50	U		50.3	U		101	U		50.6	U		
aroclor 1242	47	U		50.3	U		50	U		50.3	U		101	U		50.6	U		
aroclor 1248	47	U		50.3	U		50	U		50.3	U		101	U		50.6	U		
aroclor 1254	47	U		50.3	U		50	U		50.3	U		101	U		50.6	U		
aroclor 1260	47	U		50.3	U		44.5	J	m	50.3	U		101	U		50.6	U		

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1055152060			1055152061			1055152067			1055152074			1055152075			1055152081		
	Field ID	05NECAFCC121			05NECAFCC122			05NECAFCC131			05NECAFCC141			05NECAFCC142			05NECAFCC151		
	Matrix	SC			SC														
	Date Collected	8/5/05			8/5/05			8/5/05			8/7/05			8/7/05			8/7/05		
Units	µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			
	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	
aroclor 1016	49	U		49.9	U		49.3	U		49.2	U		50.2	U		50.1	U		
aroclor 1221	49	U		49.9	U		49.3	U		49.2	U		50.2	U		50.1	U		
aroclor 1232	49	U		49.9	U		49.3	U		49.2	U		50.2	U		50.1	U		
aroclor 1242	49	U		49.9	U		49.3	U		49.2	U		50.2	U		50.1	U		
aroclor 1248	49	U		49.9	U		49.3	U		49.2	U		50.2	U		50.1	U		
aroclor 1254	49	U		49.9	U		49.3	U		49.2	U		50.2	U		50.1	U		
aroclor 1260	49	U		49.9	U		49.3	U		49.2	U		50.2	U		50.1	U		

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1055152086			1055152091			1055152096			1055152101			1055152106			1055152111		
	Field ID	05NECAFCC161			05NECAFCC171			05NECAFCC181			05NECAFCC191			05NECAFCC201			05NECAFCC211		
	Matrix	SC			SC														
Date Collected	8/7/05			8/7/05			8/7/05			8/7/05			8/7/05			8/7/05			
Units	µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			
	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	
aroclor 1016	51	U		51	U		50.8	U		50.2	U		48.8	U		102	U		
aroclor 1221	51	U		51	U		50.8	U		50.2	U		48.8	U		102	U		
aroclor 1232	51	U		51	U		50.8	U		50.2	U		48.8	U		102	U		
aroclor 1242	51	U		51	U		50.8	U		50.2	U		48.8	U		102	U		
aroclor 1248	51	U		51	U		50.8	U		50.2	U		48.8	U		102	U		
aroclor 1254	51	U		51	U		50.8	U		50.2	U		48.8	U		102	U		
aroclor 1260	51	U		51	U		50.8	U		50.2	U		48.8	U		102	U		

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1055152116			1055152121			1055152124			1055152127			1055152128			1055152129		
	Field ID	05NECAFCC221			05NECAFCC231			05NECAFCC241			05NECAFSL24A			05NECAFSL56Re			05NECAFSL61Re		
	Matrix	SC			SC			SC			SO			SO			SO		
Date Collected	8/7/05			8/7/05			8/7/05			8/7/05			8/7/05			8/7/05			
Units	µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			
	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	
aroclor 1016	50.7	U		49.8	U		49.1	U		51.6	U		56.2	U		50.7	U		
aroclor 1221	50.7	U		49.8	U		49.1	U		51.6	U		56.2	U		50.7	U		
aroclor 1232	50.7	U		49.8	U		49.1	U		51.6	U		56.2	U		50.7	U		
aroclor 1242	50.7	U		49.8	U		49.1	U		51.6	U		56.2	U		50.7	U		
aroclor 1248	50.7	U		49.8	U		49.1	U		51.6	U		56.2	U		50.7	U		
aroclor 1254	50.7	U		49.8	U		49.1	U		51.6	U		56.2	U		50.7	U		
aroclor 1260	50.7	U		49.8	U		49.1	U		51.6	U		114			77.1			

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID Field ID Matrix Date Collected Units	1055152130 05NEC31SL109Re SO 8/7/05 µg/Kg	RESULT	Q	RC	
aroclor 1016			51.7	U		
aroclor 1221			51.7	U		
aroclor 1232			51.7	U		
aroclor 1242			51.7	U		
aroclor 1248			51.7	U		
aroclor 1254			51.7	U		
aroclor 1260			145			

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1055480001	1055480002	1055480003	1055480004	1055480005	1055480006		
	Field ID	05NEC31SL19	05NEC31SL20	05NEC31SL11	05NECAFSL22	05NECAFSL23	05NECAFSL26		
	Matrix	SL	SL	SL	SL	SL	SL		
	Date Collected	8/15/05	8/15/05	8/15/05	8/17/05	8/17/05	8/17/05		
Units	µg/Kg			µg/Kg			µg/Kg		
	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC
aroclor 1016	57.6	U		55.7	U		58	U	
aroclor 1221	57.6	U		55.7	U		52.6	U	
aroclor 1232	57.6	U		55.7	U		52.6	U	
aroclor 1242	57.6	U		55.7	U		52.6	U	
aroclor 1248	57.6	U		55.7	U		52.6	U	
aroclor 1254	57.6	U		55.7	U		52.6	U	
aroclor 1260	57.6	U		58.9			17.5	J m	
							52.6	UJ n	
							33.3	J m,n	
									206

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1055480007			1055480008			1055480011			1055480012			1055480013			1055480014		
	Field ID	05NEC31SL15			05NEC31SL16			05NEC31SL17			05NEC31SL31BN			05NEC31SL31BE			05NEC31SL31BW		
	Matrix	SL			SL			SL			SL			SL			SL		
	Date Collected	8/17/05			8/17/05			8/17/05			8/19/05			8/19/05			8/19/05		
Units	µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			
	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	
aroclor 1016	51.7	U		54.4	U		52.4	U		50.7	U		52.3	U		54.9	U		
aroclor 1221	51.7	U		54.4	U		52.4	U		50.7	U		52.3	U		54.9	U		
aroclor 1232	51.7	U		54.4	U		52.4	U		50.7	U		52.3	U		54.9	U		
aroclor 1242	51.7	U		54.4	U		52.4	U		50.7	U		52.3	U		54.9	U		
aroclor 1248	51.7	U		54.4	U		52.4	U		50.7	U		52.3	U		54.9	U		
aroclor 1254	51.7	U		54.4	U		52.4	U		50.7	U		52.3	U		54.9	U		
aroclor 1260	45	J	m	97.8			508			35.6	J	m	92.9			32.7	J	m	

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1055480015			1055480016			1055480017			1055480018			1055480019			1055480020		
	Field ID	05NEC31SL06			05NEC31SL07			05NEC31SL08			05NEC31SL31A 2W			05NEC31SL09			05NEC31SL14		
	Matrix	SL			SL			SL			SL			SL			SL		
	Date Collected	8/17/05			8/19/05			8/17/05			8/19/05			8/19/05			8/19/05		
	Units	µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg			µg/Kg		
		RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC
aroclor 1016		55.1	U		53.7	U		52.1	U		54.1	U		60.8	U		53	U	
aroclor 1221		55.1	U		53.7	U		52.1	U		54.1	U		60.8	U		53	U	
aroclor 1232		55.1	U		53.7	U		52.1	U		54.1	U		60.8	U		53	U	
aroclor 1242		55.1	U		53.7	U		52.1	U		54.1	U		60.8	U		53	U	
aroclor 1248		55.1	U		53.7	U		52.1	U		54.1	U		60.8	U		53	U	
aroclor 1254		55.1	U		53.7	U		52.1	U		54.1	U		60.8	U		53	U	
aroclor 1260		2570			83.6			80.1			412			407			1530		

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	1055480021	1055480022					
	Field ID	Waste 98 A	Waste 31 C					
	Matrix	SL	SL					
	Date Collected	8/17/05	8/15/05					
	Units	µg/Kg	µg/Kg					
		RESULT Q RC	RESULT Q RC					
aroclor 1016		52.3 U	54.2 U					
aroclor 1221		52.3 U	54.2 U					
aroclor 1232		52.3 U	54.2 U					
aroclor 1242		52.3 U	54.2 U					
aroclor 1248		52.3 U	54.2 U					
aroclor 1254		52.3 U	54.2 U					
aroclor 1260		519	54.2 U					

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	B5G0543-01			B5G0543-02			B5G0543-03			B5G0543-03R1		
	Field ID	05NEC31SLSL084			05NEC31SLSL096			05NEC31SLSL108			05NEC31SLSL108		
	Matrix	SO			SO			SO			SO		
	Date Collected	7/19/05			7/19/05			7/19/05			7/19/05		
Units	µg/Kg			µg/Kg			µg/Kg			µg/Kg			
	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC	
aroclor 1016	25	U		25	U		25	U		125	U		
aroclor 1221	50	U		50	U		50	U		250	U		
aroclor 1232	25	U		25	U		25	U		125	U		
aroclor 1242	25	U		25	U		25	U		125	U		
aroclor 1248	25	U		25	U		25	U		125	U		
aroclor 1254	25	U		25	U		25	U		125	U		
aroclor 1260	13.2	J	m	39.7			415	J	o	453			
aroclor 1262	25	U		25	U		25	U		125	U		
aroclor 1268	25	U		25	U		25	U		125	U		

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	B5H0381-01			B5H0381-02			B5H0381-03		
	Field ID	05NECAFCC143			05NECAFCC093			05NECAFCC123		
	Matrix	SO			SO			SO		
	Date Collected	8/7/05			8/5/05			8/5/05		
	Units	µg/Kg			µg/Kg			µg/Kg		
		RESULT	Q	RC	RESULT	Q	RC	RESULT	Q	RC
aroclor 1016		25	U		25	U		25	U	
aroclor 1221		50	U		50	U		50	U	
aroclor 1232		25	U		25	U		25	U	
aroclor 1242		25	U		25	U		25	U	
aroclor 1248		25	U		25	U		25	U	
aroclor 1254		25	U		25	U		25	U	
aroclor 1260		25	U		32.1			25	U	
aroclor 1262		25	U		25	U		25	U	
aroclor 1268		25	U		25	U		25	U	

Polychlorinated Biphenyls

DATA SUMMARY TABLE

Analyte	Sample ID	B5H0640-01			B5H0640-02						
	Field ID	05NEC31SL12			05NECAFSL24						
	Matrix	SO			SO						
	Date Collected	8/15/05			8/17/05						
	Units	µg/Kg			µg/Kg						
		RESULT	Q	RC	RESULT	Q	RC				
aroclor 1016		25	U		25	U					
aroclor 1221		50	U		50	U					
aroclor 1232		25	U		25	U					
aroclor 1242		25	U		25	U					
aroclor 1248		25	U		25	U					
aroclor 1254		25	U		25	U					
aroclor 1260		25	U		166	J n					
aroclor 1262		25	U		25	U					
aroclor 1268		25	U		25	U					

Total Metals (TCLP)

DATA SUMMARY TABLE

Analyte	Sample ID	1055514001	1055514001				
	Field ID	05NECAFMI07	05NECAFMI07				
	Matrix	WL	WL				
	Date Collected	8/21/05	8/21/05				
	Units	µg/L	mg/L				
		RESULT	Q	RC	RESULT	Q	RC
arsenic					0.5	U	
barium					1.05		
cadmium					0.0257	J m	
chromium					0.2	U	
lead					50.7		
mercury		2	U				
selenium					1	U	
silver					0.2	U	

Appendix D

Data Quality Summary

by Analysis Type

Data Quality Summary

Polychlorinated Biphenyls

	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	859	-	-	-
TOTAL QUALIFIED DATA POINTS:	13	1.5%	-	-
TOTAL REJECTED DATA POINTS:	0	0.0%	-	-
m - Numerical value is between the MDL and RL	9	1.0%	69.2%	N
n - Field duplicate precision problem	2	0.2%	15.4%	N
o - Calibration Range Exceedance	1	0.1%	7.7%	N
m,n - Multiple Reasons	1	0.1%	7.7%	N

Data Quality Summary

Total Metals (TCLP)

	Data Points	% of Data	% of Qualified Data	Bias (low/none/high)
TOTAL DATA POINTS:	8	-	-	
TOTAL QUALIFIED DATA POINTS:	1	12.5%	-	
TOTAL REJECTED DATA POINTS:	0	0.0%	-	
Qualified/Rejected as a result of:				
m - Numerical value is between the MDL and RL	1	12.5%	100.0%	N

Appendix E

Sample Table
Qualified Data Tables
by Data Quality Indicator and Analysis Type

Table 1 - Samples List

Northeast Cape

The following samples were collected and analyzed by all applicable methods:

Laboratory: NCAB (Referee Laboratory)

SDG: B5G0543

Date Rec'd: 7/26/05

Lab ID	Field ID	Field QC ID	Date Collected	Matrix	Temp Blank °C:	Cooler °C:	Q ¹	Bias	RC
Polychlorinated Biphenyls									
B5G0543-01	05NEC31SLSL084	QA Dup of 05NEC31SL082	7/19/05	SO	2.0	2.7	none		
B5G0543-02	05NEC31SLSL096	QA Dup of 05NEC31SL094	7/19/05	SO	2.0	2.7	none		
B5G0543-03	05NEC31SLSL108	QA Dup of 05NEC31SL106	7/19/05	SO	2.0	2.7	none		
B5G0543-03R1	05NEC31SLSL108	QA Dup of 05NEC31SL106	7/19/05	SO	2.0	2.7	none		

SDG: B5H0381

Date Rec'd: 8/16/05

Lab ID	Field ID	Field QC ID	Date Collected	Matrix	Temp Blank °C:	Cooler °C:	Q ¹	Bias	RC
Polychlorinated Biphenyls									
B5H0381-01	05NECAFCC143	QA Dup of 05NECAFCC141	8/7/05	SO	4.3	4.5	none		
B5H0381-02	05NECAFCC093	QA Dup of 05NECAFCC091	8/5/05	SO	4.3	4.5	none		
B5H0381-03	05NECAFCC123	QA Dup of 05NECAFCC121	8/5/05	SO	4.3	4.5	none		

SDG: B5H0640

Date Rec'd: 8/26/05

Lab ID	Field ID	Field QC ID	Date Collected	Matrix	Temp Blank °C:	Cooler °C:	Q ¹	Bias	RC
Polychlorinated Biphenyls									
B5H0640-01	05NEC31SL12	QA Dup of 05NEC31SL19	8/15/05	SO	12.5	11.9	none*		
B5H0640-02	05NECAFSL24	QA Dup of 05NECAFSL22	8/17/05	SO	12.5	11.9	none*		

Laboratory: SGSA (Primary Laboratory)

SDG: 1054532

Date Rec'd: 7/25/05

Lab ID	Field ID	Field QC ID	Date Collected	Matrix	Temp Blank °C:	Cooler °C:	Q ¹	Bias	RC
Polychlorinated Biphenyls									
1054532001	05NEC31SL001		7/18/05	SL	5.3	8.0	none*		
1054532002	05NEC31SL008		7/18/05	SL	5.3	8.0	none*		
1054532003	05NEC31SL013		7/21/05	SL	5.3	8.0	none*		
1054532004	05NEC31SL015		7/18/05	SL	5.3	8.0	none*		
1054532005	05NEC31SL016		7/18/05	SL	5.3	8.0	none*		
1054532006	05NECAFSL062		7/18/05	SL	5.3	8.0	none*		
1054532007	05NECAFSL064		7/18/05	SL	5.3	8.0	none*		
1054532008	05NEC31SL003		7/18/05	SL	5.3	8.0	none*		
1054532009	05NEC07SL032		7/18/05	SL	5.3	8.0	none*		
1054532010	05NEC07SL038		7/18/05	SL	5.3	8.0	none*		
1054532011	05NEC07SL042		7/18/05	SL	5.3	8.0	none*		
1054532012	05NEC07SL053		7/18/05	SL	5.3	8.0	none*		

Prepared by *ETHIX*

11/21/05

E-1-1

Table 1 - Samples List

Northeast Cape

Table 1 - Samples List

Northeast Cape

Laboratory: SGSA (Primary Laboratory)

SDG: 1054532

Date Rec'd: 7/25/05

Lab ID	Field ID	Field QC ID	Date Collected	Matrix	Temp Blank °C:	Cooler °C:	Q ¹	Bias	RC
Polychlorinated Biphenyls									
1054532013	05NEC31SL081		7/19/05	SL	5.3	8.0	none*		
1054532014	05NEC31SL082	Primary Sample	7/19/05	SL	5.3	8.0	none*		
1054532015	05NEC31SL083	QC Dup of 05NEC31SL082	7/19/05	SL	5.3	8.0	none*		
1054532016	05NEC31SL085		7/19/05	SL	5.3	8.0	none*		
1054532017	05NEC31SL086		7/19/05	SL	5.3	8.0	none*		
1054532018	05NEC31SL087		7/19/05	SL	5.3	8.0	none*		
1054532019	05NEC31SL088		7/19/05	SL	5.3	8.0	none*		
1054532020	05NEC31SL089		7/19/05	SL	5.3	8.0	none*		
1054532021	05NEC31SL090		7/19/05	SL	5.3	8.0	none*		
1054532022	05NEC31SL091		7/19/05	SL	5.3	8.0	none*		
1054532023	05NEC31SL092		7/19/05	SL	5.3	8.0	none*		
1054532024	05NEC31SL093		7/19/05	SL	5.3	8.0	none*		
1054532025	05NEC31SL094	Primary Sample	7/19/05	SL	5.3	8.0	none*		
1054532026	05NEC31SL095	QC Dup of 05NEC31SL094	7/19/05	SL	5.3	8.0	none*		
1054532027	05NEC31SL097		7/19/05	SL	5.3	8.0	none*		
1054532028	05NEC31SL098		7/19/05	SL	5.3	8.0	none*		
1054532029	05NEC31SL099		7/19/05	SL	5.3	8.0	none*		
1054532030	05NEC31SL100		7/19/05	SL	5.3	8.0	none*		
1054532031	05NEC31SL101		7/19/05	SL	5.3	8.0	none*		
1054532032	05NEC31SL102		7/19/05	SL	5.3	8.0	none*		
1054532033	05NEC31SL103		7/19/05	SL	5.3	8.0	none*		
1054532034	05NEC31SL104		7/19/05	SL	5.3	8.0	none*		
1054532035	05NEC31SL105		7/19/05	SL	5.3	8.0	none*		
1054532036	05NEC31SL106	Primary Sample	7/19/05	SL	5.3	8.0	none*		
1054532037	05NEC31SL107	QC Dup of 05NEC31SL106	7/19/05	SL	5.3	8.0	none*		
1054532038	05NEC31SL109		7/19/05	SL	5.3	8.0	none*		
1054532039	05NEC31SL110		7/19/05	SL	5.3	8.0	none*		
1054532040	05NEC31SL111		7/19/05	SL	5.3	8.0	none*		
1054532041	05NEC31SL112		7/19/05	SL	5.3	8.0	none*		

SDG: 1054603

Date Rec'd: 7/25/05

Lab ID	Field ID	Field QC ID	Date Collected	Matrix	Temp Blank °C:	Cooler °C:	Q ¹	Bias	RC
Polychlorinated Biphenyls									
1054603001	Waste7		7/18/05	SL	6.6	9.6	none*		
1054603002	Waste110		7/18/05	SL	6.6	9.6	none*		
1054603003	Waste98		7/18/05	SL	6.6	9.6	none*		

Table 1 - Samples List

Northeast Cape

Laboratory: SGSA (Primary Laboratory)

SDG: 1055152

Date Rec'd: 8/12/05

Lab ID	Field ID	Field QC ID	Date Collected	Matrix	Temp Blank °C:	Cooler °C:	Q ¹	Bias	RC
Polychlorinated Biphenyls									
1055152001	05NECAFCC011		8/4/05	SC	4.1	5.6	none		
1055152006	05NECAFCC021		8/4/05	SC	4.1	5.6	none		
1055152011	05NECAFCC031		8/4/05	SC	4.1	5.6	none		
1055152016	05NECAFCC041		8/4/05	SC	4.1	5.6	none		
1055152021	05NECAFCC051		8/4/05	SC	4.1	5.6	none		
1055152026	05NECAFCC061		8/4/05	SC	4.1	5.6	none		
1055152031	05NECAFCC071		8/4/05	SC	4.1	5.6	none		
1055152036	05NECAFCC081		8/5/05	SC	4.1	5.6	none		
1055152041	05NECAFCC091	Primary Sample	8/5/05	SC	4.1	5.6	none		
1055152042	05NECAFCC092	QC Dup of 05NECAFCC091	8/5/05	SC	4.1	5.6	none		
1055152048	05NECAFCC101		8/5/05	SC	3.6	8.3	none*		
1055152055	05NECAFCC111		8/5/05	SC	3.6	8.3	none*		
1055152060	05NECAFCC121	Primary Sample	8/5/05	SC	3.6	8.3	none*		
1055152061	05NECAFCC122	QC Dup of 05NECAFCC121	8/5/05	SC	3.6	8.3	none*		
1055152067	05NECAFCC131		8/5/05	SC	3.6	8.3	none*		
1055152074	05NECAFCC141	Primary Sample	8/7/05	SC	3.6	8.3	none*		
1055152075	05NECAFCC142	QC Dup of 05NECAFCC141	8/7/05	SC	3.6	8.3	none*		
1055152081	05NECAFCC151		8/7/05	SC	3.6	8.3	none*		
1055152086	05NECAFCC161		8/7/05	SC	3.6	8.3	none*		
1055152091	05NECAFCC171		8/7/05	SC	3.6	8.3	none*		
1055152096	05NECAFCC181		8/7/05	SC	3.6	8.3	none*		
1055152101	05NECAFCC191		8/7/05	SC	3.6	4.3	none		
1055152106	05NECAFCC201		8/7/05	SC	3.6	4.3	none		
1055152111	05NECAFCC211		8/7/05	SC	3.6	4.3	none		
1055152116	05NECAFCC221		8/7/05	SC	3.6	4.3	none		
1055152121	05NECAFCC231		8/7/05	SC	3.6	4.3	none		
1055152124	05NECAFCC241		8/7/05	SC	3.6	4.3	none		
1055152127	05NECAFSL24A		8/7/05	SO	3.6	4.3	none		
1055152128	05NECAFSL56Re		8/7/05	SO	3.6	4.3	none		
1055152129	05NECAFSL61Re		8/7/05	SO	3.6	4.3	none		
1055152130	05NEC31SL109Re		8/7/05	SO	3.6	4.3	none		

SDG: 1055480

Date Rec'd: 8/24/05

Lab ID	Field ID	Field QC ID	Date Collected	Matrix	Temp Blank °C:	Cooler °C:	Q ¹	Bias	RC
Polychlorinated Biphenyls									
1055480001	05NEC31SL19	Primary Sample	8/15/05	SL	4.8	8.7	none*		
1055480002	05NEC31SL20		8/15/05	SL	4.8	8.7	none*		
1055480003	05NEC31SL11	QC Dup of 05NEC31SL19	8/15/05	SL	4.8	8.7	none*		
1055480004	05NECAFSL22	Primary Sample	8/17/05	SL	4.8	8.7	none*		
1055480005	05NECAFSL23	QC Dup of 05NECAFSL22	8/17/05	SL	4.8	8.7	none*		
1055480006	05NECAFSL26		8/17/05	SL	4.8	8.7	none*		
1055480007	05NEC31SL15		8/17/05	SL	4.8	8.7	none*		

Table 1 - Samples List

Northeast Cape

Laboratory: SGSA (Primary Laboratory)

SDG: 1055480

Date Rec'd: 8/24/05

Lab ID	Field ID	Field QC ID	Date Collected	Matrix	Temp Blank °C:	Cooler °C:	Q ¹	Bias	RC
Polychlorinated Biphenyls									
1055480008	05NEC31SL16		8/17/05	SL	4.8	8.7	none*		
1055480011	05NEC31SL17		8/17/05	SL	4.8	8.7	none*		
1055480012	05NEC31SL31BN		8/19/05	SL	4.8	8.7	none*		
1055480013	05NEC31SL31BE		8/19/05	SL	4.8	8.7	none*		
1055480014	05NEC31SL31BW		8/19/05	SL	4.8	8.7	none*		
1055480015	05NEC31SL06		8/17/05	SL	4.8	8.7	none*		
1055480016	05NEC31SL07		8/19/05	SL	4.8	8.7	none*		
1055480017	05NEC31SL08		8/17/05	SL	4.8	8.7	none*		
1055480018	05NEC31SL31A 2W		8/19/05	SL	4.8	8.7	none*		
1055480019	05NEC31SL09		8/19/05	SL	4.8	8.7	none*		
1055480020	05NEC31SL14		8/19/05	SL	4.8	8.7	none*		
1055480021	Waste 98 A		8/17/05	SL	4.8	8.7	none*		
1055480022	Waste 31 C		8/15/05	SL	4.8	8.7	none*		

SDG: 1055514

Date Rec'd: 8/25/05

Lab ID	Field ID	Field QC ID	Date Collected	Matrix	Temp Blank °C:	Cooler °C:	Q ¹	Bias	RC
Total Metals (TCLP)									
1055514001	05NECAFMI07		8/21/05	WL	NR*	NR*	none		

¹ If both a temperature blank and cooler temperature are recorded, the temperature blank will be considered most valid; if there is a significant discrepancy between the cooler temperature and the temperature blank, (> 5° C), the most extreme temperature will be used to qualify data for all associated samples - if the temperature is > 6° C, for all target analytes except metals and soil AK101, flag all associated detected and non-detected results as estimated (J/UJ); for metals in water matrix only, if the temperature is < 2° C, flag all associated detected and non-detected results as estimated (J/UJ)

* NR = Not Reported

Table 2 - Sampling and Analysis Discrepancies / Deficiencies

Laboratory: SGSA

SDG: 1054532

Analysis Type	Affected Samples	Affected Analytes	Discrepancy / Deficiency
PCB	All Applicable		no custody seals present

SDG: 1054603

Analysis Type	Affected Samples	Affected Analytes	Discrepancy / Deficiency
PCB	All Applicable	no impact	Samples were received at an elevated temperature

SDG: 1055152

Analysis Type	Affected Samples	Affected Analytes	Discrepancy / Deficiency
PCB	All QC/QA triplicate sets (3)		The primary and QC duplicate have the same field ID in the EDF and hardcopy

SDG: 1055514

Analysis Type	Affected Samples	Affected Analytes	Discrepancy / Deficiency
TCLP Metals	05NECAFMI07		Sample was not dropped off in a cooler-sample was received at ambient temperature

Table 2 - Sampling and Analysis Discrepancies / Deficiencies

Laboratory: NCAB

SDG: B5G0543

Analysis Type	Affected Samples	Affected Analytes	Discrepancy / Deficiency
PCB	All Applicable		Project # not indicated on CoC

SDG: B5H0381

Analysis Type	Affected Samples	Affected Analytes	Discrepancy / Deficiency
PCB	All Applicable	limited sample	Sample containers were received less than half full
PCB	All Applicable		Sample collection date & times were not on labels, lab logged in according to CoC

SDG: B5H0640

Analysis Type	Affected Samples	Affected Analytes	Discrepancy / Deficiency
PCB	05NEC31SL12 and 05NECAFSL24	limited sample	Containers for samples were only about 1/4 full
PCB	05NEC31SL12 and 05NECAFSL24		Original COC said 05NEC31SL12 and 05NEC31SL24 sample labels said 05NEC31SL12 and 05NECAFSL24 - lab used lds on CoC
PCB	All Applicable		Samples were sent to Bethel AK airport on 8/25/05 and redirected to Seattle, samples arrived 8/26/05
PCB	All Applicable	no impact	Samples were received at an elevated temperature

Table 3 - Calibration Range Exceedance Qualifications (o)

The following detected results exceeded calibration range, and are qualified as estimated:

Analysis Type: *Polychlorinated Biphenyls*

Labcode: *NCAB*

Lab ID	Field ID	Matrix	Analyte	Result	Units	Q	Bias	RC
B5G0543-03	05NEC31SLSL10	SO	aroclor 1260	415	µg/Kg	J	N	o

Estimated data are usable for limited purposes. The reported result should be considered an estimated value.

Table 4 - QA/QC Triplicate Qualifications (n)

Due to major disagreement between the primary, QC and QA sample results, the following results are qualified as estimated:

Analysis Type: Polychlorinated Biphenyls

Labcode: NCAB

Lab ID	Field ID	Matrix	Analyte	Result	Units	Q	Bias	RC
B5H0640-02	05NECAFSL24	SO	aroclor 1260	166	µg/Kg	J	N	n

Labcode: SGSA

Lab ID	Field ID	Matrix	Analyte	Result	Units	Q	Bias	RC
1055480004	05NECAFSL22	SL	aroclor 1260	< 52.6	µg/Kg	UJ	N	n
1055480005	05NECAFSL23	SL	aroclor 1260	33.3	µg/Kg	J	N	m,n

Table 5 - Below Reporting Limit Qualifications (m)

The following results are below the reporting limit, and are qualified as estimated:

Analysis Type: Polychlorinated Biphenyls

Labcode: NCAB

Lab ID	Field ID	Matrix	Analyte	Result	RL	Units	Q	Bias	RC
B5G0543-01	05NEC31SLSL08	SO	aroclor 1260	13.2	25	µg/Kg	J	N	m

Labcode: SGSA

Lab ID	Field ID	Matrix	Analyte	Result	RL	Units	Q	Bias	RC
1054532011	05NEC07SL042	SL	aroclor 1260	53.6	53.8	µg/Kg	J	N	m
1054532022	05NEC31SL091	SL	aroclor 1260	44.5	51.7	µg/Kg	J	N	m
1055152011	05NECAFCC031	SC	aroclor 1260	24.8	47.3	µg/Kg	J	N	m
1055152041	05NECAFCC091	SC	aroclor 1260	44.5	50	µg/Kg	J	N	m
1055480003	05NEC31SL11	SL	aroclor 1260	17.5	58	µg/Kg	J	N	m
1055480005	05NECAFSL23	SL	aroclor 1260	33.3	55.2	µg/Kg	J	N	m,n
1055480007	05NEC31SL15	SL	aroclor 1260	45	51.7	µg/Kg	J	N	m
1055480012	05NEC31SL31B	SL	aroclor 1260	35.6	50.7	µg/Kg	J	N	m
1055480014	05NEC31SL31B	SL	aroclor 1260	32.7	54.9	µg/Kg	J	N	m

Table 5 - Below Reporting Limit Qualifications (m)

Analysis Type: *Total Metals (TCLP)*

Labcode: *SGSA*

Lab ID	Field ID	Matrix	Analyte	Result	RL	Units	Q	Bias	RC
1055514001	05NECAFMI07	WL	cadmium	0.0257	0.05	mg/L	J	N	m

Table 6 - RLs Not Meeting Project-Required RLs

The following reporting limits did not meet the project-required reporting limits:

Analysis Type: Polychlorinated Biphenyls

Laboratory: SGSA
Project ID: 1054532

Sample ID / Field ID	Matrix	Dil Factor	Analyte	PQL	CRQL	Units	factor > CRQL
1054532001 05NEC31SL001	SL	9.981	aroclor 1016	565	300	µg/Kg	2
			aroclor 1221	565	300	µg/Kg	2
			aroclor 1232	565	300	µg/Kg	2
			aroclor 1242	565	300	µg/Kg	2
			aroclor 1248	565	300	µg/Kg	2
			aroclor 1254	565	300	µg/Kg	2
1054532002 05NEC31SL008	SL	9.869	aroclor 1016	592	300	µg/Kg	2
			aroclor 1221	592	300	µg/Kg	2
			aroclor 1232	592	300	µg/Kg	2
			aroclor 1242	592	300	µg/Kg	2
			aroclor 1248	592	300	µg/Kg	2
			aroclor 1254	592	300	µg/Kg	2
1054532003 05NEC31SL013	SL	9.832	aroclor 1016	624	300	µg/Kg	2
			aroclor 1221	624	300	µg/Kg	2
			aroclor 1232	624	300	µg/Kg	2
			aroclor 1242	624	300	µg/Kg	2
			aroclor 1248	624	300	µg/Kg	2
			aroclor 1254	624	300	µg/Kg	2
1054532004 05NEC31SL015	SL	9.958	aroclor 1016	563	300	µg/Kg	2
			aroclor 1221	563	300	µg/Kg	2
			aroclor 1232	563	300	µg/Kg	2
			aroclor 1242	563	300	µg/Kg	2
			aroclor 1248	563	300	µg/Kg	2
			aroclor 1254	563	300	µg/Kg	2
1054532005 05NEC31SL016	SL	49.695	aroclor 1016	2770	300	µg/Kg	9
			aroclor 1221	2770	300	µg/Kg	9
			aroclor 1232	2770	300	µg/Kg	9
			aroclor 1242	2770	300	µg/Kg	9
			aroclor 1248	2770	300	µg/Kg	9
			aroclor 1254	2770	300	µg/Kg	9
1054532006 05NECAFSL062	SL	49.601	aroclor 1016	2700	300	µg/Kg	9
			aroclor 1221	2700	300	µg/Kg	9
			aroclor 1232	2700	300	µg/Kg	9
			aroclor 1242	2700	300	µg/Kg	9
			aroclor 1248	2700	300	µg/Kg	9
			aroclor 1254	2700	300	µg/Kg	9

Chemical Data Quality Assurance Report

MEMORANDUM THRU

CEPOA-EN-ES-M

CEPOA-EN-EE

~~CEPOA-EN-EE~~ ~~CEPOA-EN-ES~~

FOR CEPOA-PM-C (Cossaboom)

SUBJECT Chemical Data Quality Assessment Report for White Alice Tram and Debris Removal, (ERP030) Northeast Cape, St. Lawrence Island, Alaska.

1. References:

a. Ethix, Chemical Data Quality Review, Northeast Cape 2005 Sampling Event, Project #04-036.

b. SGS Environmental Laboratories, Inc., Anchorage Alaska, Laboratory Work Orders: 1055152, 1054532, 1055480, 1055514, and 1054603.

c. North Creek Analytical, Inc., Bothell Washington, Laboratory Work Orders: B5G0543, B5H0381, and B5H0640.

2. Summary: The referenced report summarizes the technical review of analytical results generated during confirmation sampling of soil and concrete after a PCB removal action at the Northeast Cape White Alice site, St. Lawrence Island, Alaska. The criteria applied for this review are consistent with the project specific data quality objectives (DQOs) detailed in the Sampling and Analysis Plan. The review included evaluation of sample handling, sample preparation and holding time, analytical sensitivity, method blanks, matrix spike (MS) and MS duplicate recoveries, laboratory control sample (LCS) and LCS duplicate recoveries, surrogate recoveries, and field quality control (QC/QA duplicates, trip blanks and equipment blanks). Instrument calibration review and raw data verification were not performed.

3. Background: Confirmation soil (discrete) and concrete (composite, n=4) samples were collected by Bristol Environmental & Engineering Services Corp. in July and August 2005, from locations within the former White Alice installation. The samples were collected for confirmation analysis after excavation of PCB contaminated soil, and grazing or removal of PCB contaminated concrete. Samples were duplicated (QC/QA) at a rate of 10% per method/matrix to assess inter- and intra-laboratory precision. Project samples were specified as MS/MSD at a rate of 5%, and were used to assess matrix effects.

The primary and QC samples were submitted to SGS Environmental Services, Inc. of Anchorage, Alaska, and the QA samples were submitted to North Creek Analytical, Inc. (NCA) of Bothell, Washington. Samples were analyzed using SW846 Method 8082. SGS reported results for seven of the eight PCBs listed in the DOD QSM target analyte list (did not report 1268 results), while NCA reported results for the eight listed PCBs plus PCB-1262; PCB-1260 was the only PCB detected in project samples.

Additional samples were submitted for waste characterization (TCLP metals); review of these data was not required, and will not be addressed in this CDQAR.

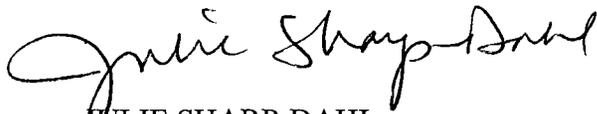
4. Data Quality Objectives: Data quality needs to be sufficient to show that any residual PCBs remaining on site are below the State of Alaska Soil Cleanup Level of 1 mg/kg. Composite samples with results > 1ppm were to be analyzed individually in order to demonstrate that each of the individual samples used to create the composite were below the 1 mg/kg cleanup level; none of the composite samples required additional analyses.

5. Chemical Data Quality Assessment: The data are usable for project purposes. None of the composite concrete samples required individual analysis (if the analytical result was greater than the cleanup level divided by the number of samples in the composite [$1/n * 1 \text{ mg/kg}$], the laboratory was to analyze each sample used to create the composite). Surrogate recoveries for samples 05NEC31SL016 and 05NECAFSL062 were outside of criteria due to dilution (~50x); these PCB-1260 results should be considered estimated, bias unknown, due to no surrogate recovery.

6. QC/QA Triplicates: Only one of the eight sets of triplicate results were not considered comparable: 05NECAFS22, -23, and -24 were in disagreement, with the QA sample (-24) having an analytical result ~5x greater than the primary and QC duplicate results, at 0.166 mg/kg (the primary and QC duplicate results were non-detect and an "estimated" result between the MDL and PQL). The laboratory QC data for these triplicate samples were examined by USACE to determine which of the three results was the more accurate: the USACE preferred result is the result reported by the QA lab. The QA lab result was the higher of the three results; the QA sample result had a better surrogate recovery (99.9% vs. 72.3% for DCB), and the QA lab used an additional surrogate (TCMX) which also had very good recovery (88.9%) while the primary lab chose not to use the additional (optional) surrogate.

The Executive Summary in the referenced CDQR erroneously reported "Acceptable agreement was observed in all QA/QC triplicate sets", and later in Table 4, p. E-4-1, erroneously reported a major disagreement between the above mentioned QA/QC triplicate sets. Per EM-200-1-6 Table 4-1, (which were the requirements set forth in the data review SOW) the triplicates are considered "in disagreement" (>3x difference when one result is < R.L.).

Encl


JULIE SHARP-DAHL
Environmental Scientist

APPENDIX F

Analytical Laboratory Data Summary Tables

Table F-1. PCB Results for Excavations 31A-1, 31A-2, 31A-3, 31B, and 31C at Site 31

Laboratory Sample Number				05NEC31SL001		05NEC31SL003		
Field Screening Sample Location ID				31SL001	31SL002	31SL003	31SL004	31SL005
Location				Excavation 31A-1				
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				0.5	0.5	0.5	0.5	0.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	>0.5	<0.5	>0.5	>0.5
Total PCBs	SW8082	mg/Kg	1	5.13		0.286		

Laboratory Sample Number					05NEC31SL006			05NEC31SL007
Field Screening Sample Location ID				31SL006	31SL006 (2nd)	31SL007	31SL007 (2nd)	31SL007 (3rd)
Location				Excavation 31A-2				
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				1.5	2.0	1.5	2.0	2.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	<0.5	>0.5	>0.5	<0.5
Total PCBs	SW8082	mg/Kg	1		2.57			0.0836

Table F-1. PCB Results for Excavations 31A-1, 31A-2, 31A-3, 31B, and 31C at Site 31 (continued)

Laboratory Sample Number				05NEC31SL008	05NEC31SL008Re	05NEC31SL31A-2W	05NEC31SL009	
Field Screening Sample Location ID				31SL008	31SL008 (2 nd)	31SL31A-2W	31SL009	31SL010
Location				Excavation 31A-2	Excavation 31A-2	Excavation 31A-2 West Sidewall	Excavation 31A-3	Excavation 31A-3
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				1.5	2.0	2.5	2.0	2.0
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	<0.5	N/A	N/A	N/A
Total PCBs	SW8082	mg/Kg	1	6.95	0.0801	0.412	0.407	

Laboratory Sample Number				05NEC31SL013	05NEC31SL014
Field Screening Sample Location ID				31SL013	31SL014
Location				Excavation 31A-3	Excavation 31A-3
QC Duplicate of					
QA Duplicate of					
Matrix				Soil	Soil
Depth (feet)				2.0	2.0
Parameter	Method	Units	Criteria		
Total PCBs	Ensys Screening	mg/Kg	0.5	N/A	N/A
Total PCBs	SW8082	mg/Kg	1	7.09	1.53

Table F-1. PCB Results for Excavations 31A-1, 31A-2, 31A-3, 31B, and 31C at Site 31 (continued)

Laboratory Sample Number				05NEC31SL015			05NEC31SL015Re
Field Screening Sample Location ID				31SL015	31SL015 (2 nd)	31SL015 (3 rd)	31SL015 (4 th)
Location				Excavation 31B	Excavation 31B	Excavation 31B	Excavation 31B
QC Duplicate of							
QA Duplicate of							
Matrix				Soil	Soil	Soil	Soil
Depth (feet)				0.5	2.5	4.5	6.5
Parameter	Method	Units	Criteria				
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	>0.5	>0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	8.33			0.0450 J

Laboratory Sample Number				05NEC31SL016		05NEC31SL016Re
Field Screening Sample Location ID				31SL016	31SL016 (2 nd)	31SL016 (3 rd)
Location				Excavation 31B	Excavation 31B	Excavation 31B
QC Duplicate of						
QA Duplicate of						
Matrix				Soil	Soil	Soil
Depth (feet)				0.5	2.5	4.5
Parameter	Method	Units	Criteria			
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	>0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	17.7		0.0978

Table F-1. PCB Results for Excavations 31A-1, 31A-2, 31A-3, 31B, and 31C at Site 31 (continued)

Laboratory Sample Number				05NEC31SL017	05NEC31SL31BE	05NEC31SL31BN	05NEC31SL31BW	
Field Screening Sample Location ID				31SL017	31SL017 (2 nd)	31SL31BE	31SL31BN	
Location				Excavation 31B	Excavation 31B	Excavation 31B East Sidewall	Excavation 31B North Sidewall	Excavation 31B West Sidewall
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	
Depth (feet)				0.5	2.5	2.5	2.5	
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	<0.5	N/A	N/A	N/A
Total PCBs	SW8082	mg/Kg	1		0.508	0.0929	0.0356 J	0.0327 J

Laboratory Sample Number						
Field Screening Sample Location ID				31SL018	31SL018 (2 nd)	31SL018 (3 rd)
Location				Excavation 31C	Excavation 31C	Excavation 31C
QC Duplicate of						
QA Duplicate of						
Matrix				Soil	Soil	Soil
Depth (feet)				0.5	1.5	2.0
Parameter	Method	Units	Criteria			
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	>0.5	<0.5
Total PCBs	SW8082	mg/Kg	1			

Table F-1. PCB Results for Excavations 31A-1, 31A-2, 31A-3, 31B, and 31C at Site 31 (continued)

Laboratory Sample Number						05NEC31SL019	05NEC31SL011	05NEC31SL012
Field Screening Sample Location ID				31SL019	31SL019 (2 nd)	31SL019 (3 rd)	31SL019 (3 rd)	31SL019 (3 rd)
Location				Excavation 31C	Excavation 31C	Excavation 31C	Excavation 31C	Excavation 31C
QC Duplicate of							05NEC31SL019	
QA Duplicate of								05NEC31SL019
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				0.5	1.5	2.0	2.0	2.0
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	>0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1			ND (0.0576)	0.0175 J	ND (0.025)

Laboratory Sample Number						05NEC31SL020
Field Screening Sample Location ID				31SL020	31SL020 (2 nd)	31SL020 (3 rd)
Location				Excavation 31C	Excavation 31C	Excavation 31C
QC Duplicate of						
QA Duplicate of						
Matrix				Soil	Soil	Soil
Depth (feet)				0.5	1.5	2
Parameter	Method	Units	Criteria			
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	>0.5	<0.5
Total PCBs	SW8082	mg/Kg	1			0.0589

Notes:

1. Concentrations in **bold italic** exceed the Ensys Screening detection level (0.5 mg/kg) or exceed cleanup criteria in Table 6-1.
2. Detection limits shown are the Practical Quantitation Limits (PQLs).
3. Only Arochlor 1260 was detected.

<	=	less than	ND	=	not detected at concentration shown
>	=	greater than	PCB	=	Polychlorinated biphenyl
J	=	The associated value is an estimated quantity	QA	=	quality assurance sample analyzed by QA laboratory
mg/kg	=	milligrams per kilogram	QC	=	quality control sample analyzed by project laboratory
NA	=	not applicable	SW	=	Environmental Protection Agency (EPA) solid waste method

Table F-2. PCB Results for Concrete Removal and Soil Excavation at Former Building 1001 Concrete Floor Slab

Laboratory Sample Number				05NEC31SL081	05NEC31SL082	05NEC31SL083	05NEC31SL084	05NEC31SL085
Field Screening Sample Location ID				31SL081	31SL082	31SL082	31SL082	31SL085
Location				1001 Room A (Under Concrete)				
QC Duplicate of						05NEC31SL082		
QA Duplicate of							05NEC31SL082	
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				0.5	0.5	0.5	0.5	0.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	ND (0.0495)	ND (0.0494)	ND (0.051)	0.0132 J	0.228

Laboratory Sample Number				05NEC31SL086	05NEC31SL087	05NEC31SL088	05NEC31SL089	05NEC31SL090
Field Screening Sample Location ID				31SL086	31SL087	31SL088	31SL089	31SL090
Location				1001 Room A (Under Concrete)				
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				0.5	0.5	0.5	0.5	0.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	ND (0.0509)	0.0591	0.263	0.173	0.0548

Table F-2. PCB Results for Concrete Removal and Soil Excavation at Former Building 1001 Concrete Floor Slab (continued)

Laboratory Sample Number				05NEC31SL091	05NEC31SL092	05NEC31SL093
Field Screening Sample Location ID				31SL091	31SL092	31SL093
Location				1001 Room G (Under Concrete)	1001 Room G (Under Concrete)	1001 Room G (Under Concrete)
QC Duplicate of						
QA Duplicate of						
Matrix				Soil	Soil	Soil
Depth (feet)				0.5	0.5	0.5
Parameter	Method	Units	Criteria			
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	0.0445 J	0.0584	ND (0.050)

Laboratory Sample Number				05NEC31SL094	05NEC31SL095	05NEC31SL096	05NEC31SL097	05NEC31SL098
Field Screening Sample Location ID				31SL094	31SL094	31SL094	31SL097	31SL098
Location				1001 Room C (Under Concrete)				
QC Duplicate of					05NEC31SL094			
QA Duplicate of						05NEC31SL094		
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				0.5	0.5	0.5	0.5	0.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	0.115	0.116	0.0397	0.0968	0.149

Table F-2. PCB Results for Concrete Removal and Soil Excavation at Former Building 1001 Concrete Floor Slab (continued)

Laboratory Sample Number				05NEC31SL099	05NEC31SL100	05NEC31SL101	05NEC31SL102	05NEC31SL103
Field Screening Sample Location ID				31SL099	31SL100	31SL101	31SL102	31SL103
Location				1001 Room E (Under Concrete)	1001 Room E (Under Concrete)	1001 Room E (Under Concrete)	1001 Room F (Under Concrete)	1001 Room F (Under Concrete)
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				0.5	0.5	0.5	0.5	0.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	0.114	0.101	0.606	0.432	0.165

Laboratory Sample Number				05NEC31SL104	05NEC31SL105	05NEC31SL106	05NEC31SL107	05NEC31SL108
Field Screening Sample Location ID				31SL104	31SL105	31SL106	31SL106	31SL106
Location				1001 Room F (Under Concrete)				
QC Duplicate of							05NEC31SL106	
QA Duplicate of								05NEC31SL106
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				0.5	0.5	0.5	0.5	0.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	0.0568	0.0539	0.353	0.52	0.453

Table F-2. PCB Results for Concrete Removal and Soil Excavation at Former Building 1001 Concrete Floor Slab (continued)

Laboratory Sample Number				05NEC31SL109	05NEC31SL109Re	05NEC31SL110	05NEC31SL111	05NEC31SL112
Field Screening Sample Location ID				31SL109	31SL109Re	31SL110	31SL111	31SL112
Location				1001 Room F (Under Concrete)				
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				0.5	1.5	0.5	0.5	0.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	1.44	0.145	0.324	0.169	ND (0.0517)

Notes:

1. Concentrations in **bold italic** exceed the Ensys Screening detection level (0.5 mg/kg) or exceed cleanup criteria in Table 6-1.
2. Detection limits shown are the Practical Quantitation Limits (PQLs).
3. Only Arochlor 1260 was detected.

<	=	less than	ND	=	not detected at concentration shown
>	=	greater than	PCB	=	Polychlorinated biphenyl
J	=	The associated value is an estimated quantity	QA	=	quality assurance sample analyzed by QA laboratory
mg/kg	=	milligrams per kilogram	QC	=	quality control sample analyzed by project laboratory
NA	=	not applicable	SW	=	Environmental Protection Agency (EPA) solid waste method

Table F-3. PCB Results for Excavations 7A, 7B, 7C, 7D, 7E, and 7F at Site 7

Laboratory Sample Number							
Field Screening Sample Location ID				07SL029	07SL029	07SL030	07SL030
Location				Excavation 7A	Excavation 7A (2nd)	Excavation 7A	Excavation 7A (2nd)
QC Duplicate of							
QA Duplicate of							
Matrix				Soil	Soil	Soil	Soil
Depth (feet)				2.5	3.5	2.5	3.5
Parameter	Method	Units	Criteria				
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	>0.5	<0.5	>0.5
Total PCBs	SW8082	mg/Kg	1				

Laboratory Sample Number						05NEC07SL032		
Field Screening Sample Location ID				07SL031	07SL031 (2nd)	07SL032	07SL033	07SL034
Location				Excavation 7A	Excavation 7A	Excavation 7B	Excavation 7B	Excavation 7B
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				2.5	3.5	1	1.0	1.0
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	>0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1			0.173		

Table F-3. PCB Results for Excavations 7A, 7B, 7C, 7D, 7E, and 7F at Site 7 (continued)

Laboratory Sample Number				05NEC07SL038				
Field Screening Sample Location ID				07SL037	07SL038	07SL039	07SL040	07SL041
Location				Excavation 7C	Excavation 7C	Excavation 7C	Excavation 7D	Excavation 7D
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				1.5	1.5	1.5	2.0	2.0
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1		0.0991			

Laboratory Sample Number				05NEC07SL042				
Field Screening Sample Location ID				07SL042	07SL043	07SL043 (2 nd)	07SL044	07SL044 (2 nd)
Location				Excavation 7D	Excavation 7E	Excavation 7E	Excavation 7E	Excavation 7E
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				2.0	1.0	2.0	1.0	2.0
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	>0.5	<0.5	>0.5	>0.5
Total PCBs	SW8082	mg/Kg	1	0.0536 J				

Table F-3. PCB Results for Excavations 7A, 7B, 7C, 7D, 7E, and 7F at Site 7 (continued)

Laboratory Sample Number								
Field Screening Sample Location ID				07SL045	07SL045 (2 nd)	07SL046	07SL049	07SL050
Location				Excavation 7E	Excavation 7E	Excavation 7F	Excavation 7F	Excavation 7F
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				1.0	2.0	1.0	1.0	1.0
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	>0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1					

Laboratory Sample Number				Waste 98	Waste 7	Waste 31C	Waste 98A	Waste 110
Field Screening Sample Location ID				Waste 98	Waste 7	Waste 31C	Waste 98A	Waste 110
Location				1 Baker Box	2 Baker Boxes	2 Connexs	2 Connexs	8 Baker Boxes
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)								
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	N/A	N/A	N/A	N/A	N/A
Total PCBs	SW8082	mg/Kg	1	11.9	5.25	ND (0.0542)	0.519	2.02

Notes:

1. Concentrations in **bold italic** exceed the Ensys Screening detection level (0.5 mg/kg) or exceed cleanup criteria in Table 6-1.
2. Detection limits shown are the Practical Quantitation Limits (PQLs).
3. Only Arochlor 1260 was detected.

<	=	less than	ND	=	not detected at concentration shown
>	=	greater than	PCB	=	Polychlorinated biphenyl
J	=	The associated value is an estimated quantity	QA	=	quality assurance sample analyzed by QA laboratory
mg/kg	=	milligrams per kilogram	QC	=	quality control sample analyzed by project laboratory
NA	=	not applicable	SW	=	Environmental Protection Agency (EPA) solid waste method

Table F-4. PCB Results for Excavations 14A and 14B at the AFS Ops Area

Laboratory Sample Number							
Field Screening Sample Location ID				AFSL021	AFSL021 (2 nd)	AFSL022	AFSL022 (2 nd)
Location				Excavation 14A	Excavation 14A	Excavation 14A	Excavation 14A
QC Duplicate of							
QA Duplicate of							
Matrix				Soil	Soil	Soil	Soil
Depth (feet)				1.0	2.0	1.0	2.0
Parameter	Method	Units	Criteria				
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	<0.5	>0.5	>0.5
Total PCBs	SW8082	mg/Kg	1				

Laboratory Sample Number				05NECAFSL022	05NECAFSL023	05NECAFSL024		
Field Screening Sample Location ID				AFSL022 (3rd)	AFSL022 (3rd)	AFSL022 (3rd)	AFSL025	AFSL025 (2 nd)
Location				Excavation 14A				
QC Duplicate of					05NECAFSL022			
QA Duplicate of						05NECAFSL022		
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				3.0	3.0	3.0	1.0	2.0
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	>0.5	>0.5
Total PCBs	SW8082	mg/Kg	1	ND (0.0526) J	0.0333 J	0.166 J		

Table F-4. PCB Results for Excavations 14A and 14B at the AFS Ops Area (continued)

Laboratory Sample Number						05NECAFSL026		
Field Screening Sample Location ID				AFSL025 (3 rd)	AFSL026	AFSL026 (2 nd)	AFSL027	AFSL027 (2 nd)
Location				Excavation 14A	Excavation 14B	Excavation 14B	Excavation 14B	Excavation 14B
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				3.0	0.5	1.5	0.5	1.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	>0.5	<0.5	>0.5	<0.5
Total PCBs	SW8082	mg/Kg	1			0.206		

Laboratory Sample Number					
Field Screening Sample Location ID				AFSL028	AFSL028 (2 nd)
Location				Excavation 14B	Excavation 14B
QC Duplicate of					
QA Duplicate of					
Matrix				Soil	Soil
Depth (feet)				0.5	1.5
Parameter	Method	Units	Criteria		
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	<0.5
Total PCBs	SW8082	mg/Kg	1		

Notes:

1. Concentrations in **bold italic** exceed the Ensys Screening detection level (0.5 mg/kg) or exceed cleanup criteria in Table 6-1.
2. Detection limits shown are the Practical Quantitation Limits (PQLs).
3. Only Arochlor 1260 was detected.

<	=	less than	ND	=	not detected at concentration shown
>	=	greater than	PCB	=	Polychlorinated biphenyl
J	=	The associated value is an estimated quantity	QA	=	quality assurance sample analyzed by QA laboratory
mg/kg	=	milligrams per kilogram	QC	=	quality control sample analyzed by project laboratory
NA	=	not applicable	SW	=	Environmental Protection Agency (EPA) solid waste method

Table F-5. PCB Results for Excavations 13A-1, 13A-2, 13B-1, 13B-2, 13C, 13D, and 13E at the AFS Ops Area

Laboratory Sample Number								
Field Screening Sample Location ID				AFSL073	AFSL074	AFSL075	AFSL076	AFSL077
Location				Excavation 13A-1				
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				2.5	2.5	2.5	2.5	2.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	>0.5	>0.5
Total PCBs	SW8082	mg/Kg	1					

Laboratory Sample Number								
Field Screening Sample Location ID				AFSL078	AFSL079	AFSL080	AFSL065	AFSL066
Location				Excavation 13A-2	Excavation 13A-2	Excavation 13A-2	Excavation 13B-1	Excavation 13B-1
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				1.5	1.5	1.5	2.5	2.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	>0.5	>0.5	>0.5
Total PCBs	SW8082	mg/Kg	1					

Table F-5. PCB Results for Excavations 13A-1, 13A-2, 13B-1, 13B-2, 13C, 13D, and 13E at the AFS Ops Area (continued)

Laboratory Sample Number								05NECAFSL062
Field Screening Sample Location ID				AFSL067	AFSL068	AFSL069	AFSL070	AFSL062
Location				Excavation 13B-1	Excavation 13B-1	Excavation 13B-1	Excavation 13B-1	Excavation 13B-2
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				2.5	2.5	2.5	2.5	1.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	<0.5	<0.5	<0.5	>0.5
Total PCBs	SW8082	mg/Kg	1					37.1

Laboratory Sample Number					05NECAFSL064			
Field Screening Sample Location ID				AFSL063	AFSL064	AFSL057	AFSL058	AFSL061
Location				Excavation 13B-2	Excavation 13B-2	Excavation 13C	Excavation 13C	Excavation 13C
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				1.5	1.5	1.5	1.5	1.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	>0.5	<0.5	<0.5	>0.5
Total PCBs	SW8082	mg/Kg	1		1.41			

Table F-5. PCB Results for Excavations 13A-1, 13A-2, 13B-1, 13B-2, 13C, 13D, and 13E at the AFS Ops Area (continued)

Laboratory Sample Number				05NECAFSL061Re				05NECAFSL056Re
Field Screening Sample Location ID				AFSL061 (2 nd)	AFSL054	AFSL055	AFSL056	AFSL056 (2 nd)
Location				Excavation 13C	Excavation 13D	Excavation 13D	Excavation 13D	Excavation 13D
QC Duplicate of								
QA Duplicate of								
Matrix				Soil	Soil	Soil	Soil	Soil
Depth (feet)				2.5	0.5	0.5	0.5	1.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	>0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	0.0771				0.114

Laboratory Sample Number							05NECAFSL053
Field Screening Sample Location ID				AFSL051	AFSL052	AFSL052 (2 nd)	AFSL053
Location				Soil Excavation 13E	Soil Excavation 13E	Excavation 13E	Excavation 13E
QC Duplicate of							
QA Duplicate of							
Matrix				Soil	Soil	Soil	Soil
Depth (feet)				1.0	1.0	2.0	1.0
Parameter	Method	Units	Criteria				
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	>0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1				0.152

Notes:

1. Concentrations in **bold italic** exceed the Ensys Screening detection level (0.5 mg/kg) or exceed cleanup criteria in Table 6-1.
2. Detection limits shown are the Practical Quantitation Limits (PQLs).
3. Only Arochlor 1260 was detected.

<	=	less than	ND	=	not detected at concentration shown
>	=	greater than	PCB	=	Polychlorinated biphenyl
J	=	The associated value is an estimated quantity	QA	=	quality assurance sample analyzed by QA laboratory
mg/kg	=	milligrams per kilogram	QC	=	quality control sample analyzed by project laboratory
NA	=	not applicable	SW	=	Environmental Protection Agency (EPA) solid waste method

Table F-6. PCB Results for Portion of Concrete Slab Removal at Former Building 108 in the AFS Ops Area

Laboratory Sample Number				05NECAFCC221	05NECAFCC231	05NECAFCC241	05NECAFSL24A
Field Screening Sample Location ID				AFCC221	AFCC231	AFCC241	AFCC24A
Location				Building 108	Building 108	Building 108	Building 108
QC Duplicate of							
QA Duplicate of							
Matrix				Concrete Powder	Concrete Powder	Concrete Powder	Soil
Depth (feet)				0.5	0.5	0.5	0.5
Parameter	Method	Units	Criteria				
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	ND (0.0507)	ND (0.0498)	ND (0.0491)	ND (0.0516)

Notes:

1. Concentrations in ***bold italic*** exceed the Ensys Screening detection level (0.5 mg/kg) or exceed cleanup criteria in Table 6-1.
2. Detection limits shown are the Practical Quantitation Limits (PQLs).
3. Only Arochlor 1260 was detected.

<	=	less than	ND	=	not detected at concentration shown
>	=	greater than	PCB	=	Polychlorinated biphenyl
J	=	The associated value is an estimated quantity	QA	=	quality assurance sample analyzed by QA laboratory
mg/kg	=	milligrams per kilogram	QC	=	quality control sample analyzed by project laboratory
NA	=	not applicable	SW	=	Environmental Protection Agency (EPA) solid waste method

Table F-7. PCB Results for Portion of Concrete Slab Removal at Former Building 109 in the AFS Ops Area

Laboratory Sample Number				05NECAFCC011	05NECAFCC021	05NECAFCC031	05NECAFCC041	05NECAFCC051
Field Screening Sample Location ID				AFCC011	AFCC021	AFCC031	AFCC041	AFCC051
Location				Building 109				
QC Duplicate of								
QA Duplicate of								
Matrix				Concrete Powder				
Depth (feet)				0.5	0.5	0.5	0.5	0.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	ND (0.0488)	ND (0.0481)	0.0248 J	ND (0.0509)	ND (0.0483)

Laboratory Sample Number				05NECAFCC061	05NECAFCC071	05NECAFCC081	05NECAFCC091	05NECAFCC092
Field Screening Sample Location ID				AFCC061	AFCC071	AFCC081	AFCC091	AFCC091
Location				Building 109				
QC Duplicate of								05NECAFCC091
QA Duplicate of								
Matrix				Concrete Powder				
Depth (feet)				0.5	0.5	0.5	0.5	0.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	ND (0.0489)	ND (0.047)	ND (0.0503)	0.0445 J	ND (0.0503)

Table F-7. PCB Results for Portion of Concrete Slab Removal at Former Building 109 in the AFS Ops Area (continued)

Laboratory Sample Number				05NECAFCC093	05NECAFCC101	05NECAFCC111	05NECAFCC121	05NECAFCC122
Field Screening Sample Location ID				AFCC091	AFCC101	AFCC111	AFCC121	AFCC121
Location				Building 109				
QC Duplicate of								05NECAFCC121
QA Duplicate of				05NECAFCC091				
Matrix				Concrete Powder				
Depth (feet)				0.5	0.5	0.5	0.5	0.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	0.0321	ND (0.101)	ND (0.0506)	ND (0.049)	ND (0.0499)

Laboratory Sample Number				05NECAFCC123	05NECAFCC131	05NECAFCC141	05NECAFCC142	05NECAFCC143
Field Screening Sample Location ID				AFCC121	AFCC131	AFCC141	AFCC141	AFCC141
Location				Building 109				
QC Duplicate of							05NECAFCC141	
QA Duplicate of				05NECAFCC121				05NECAFCC141
Matrix				Concrete Powder				
Depth (feet)				0.5	0.5	0.5	0.5	0.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	ND (0.025)	ND (0.0493)	ND (0.0492)	ND (0.0502)	ND (0.025)

Table F-7. PCB Results for Portion of Concrete Slab Removal at Former Building 109 in the AFS Ops Area (continued)

Laboratory Sample Number				05NECAFCC151	05NECAFCC161	05NECAFCC171	05NECAFCC181	05NECAFCC191
Field Screening Sample Location ID				AFCC151	AFCC161	AFCC171	AFCC181	AFCC191
Location				Building 109				
QC Duplicate of								
QA Duplicate of								
Matrix				Concrete Powder				
Depth (feet)				0.5	0.5	0.5	0.5	0.5
Parameter	Method	Units	Criteria					
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	ND (0.0501)	ND (0.051)	ND (0.051)	ND (0.0508)	ND (0.0502)

Laboratory Sample Number				05NECAFCC201	05NECAFCC211
Field Screening Sample Location ID				AFCC201	AFCC211
Location				Building 109	Building 109
QC Duplicate of					
QA Duplicate of					
Matrix				Concrete Powder	Concrete Powder
Depth (feet)				0.5	0.5
Parameter	Method	Units	Criteria		
Total PCBs	Ensys Screening	mg/Kg	0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1	ND (0.0488)	ND (0.102)

Notes:

1. Concentrations in ***bold italic*** exceed the Ensys Screening detection level (0.5 mg/kg) or exceed cleanup criteria in Table 6-1.
2. Detection limits shown are the Practical Quantitation Limits (PQLs).
3. Only Arochlor 1260 was detected.

<	=	less than	ND	=	not detected at concentration shown
>	=	greater than	PCB	=	Polychlorinated biphenyl
J	=	The associated value is an estimated quantity	QA	=	quality assurance sample analyzed by QA laboratory
mg/kg	=	milligrams per kilogram	QC	=	quality control sample analyzed by project laboratory
NA	=	not applicable	SW	=	Environmental Protection Agency (EPA) solid waste method

Table F-8. PCB Results for Portion of Concrete Slab Removal at Former Building 110 in the AFS Ops Area

Laboratory Sample Number						
Field Screening Sample Location ID				AFSL113	AFSL114	AFSL115
Location				Building 110 (Under Concrete)	Building 110 (Under Concrete)	Building 110 (Under Concrete)
QC Duplicate of						
QA Duplicate of						
Matrix				Soil	Soil	Soil
Depth (feet)				0.5	0.5	0.5
Parameter	Method	Units	Criteria			
Total PCBs	Ensys Screening	mg/Kg	0.5	>0.5	<0.5	<0.5
Total PCBs	SW8082	mg/Kg	1			

Notes:

1. Concentrations in **bold italic** exceed the Ensys Screening detection level (0.5 mg/kg) or exceed cleanup criteria in Table 6-1.
2. Detection limits shown are the Practical Quantitation Limits (PQLs).
3. Only Arochlor 1260 was detected.

<	=	less than	ND	=	not detected at concentration shown
>	=	greater than	PCB	=	Polychlorinated biphenyl
J	=	The associated value is an estimated quantity	QA	=	quality assurance sample analyzed by QA laboratory
mg/kg	=	milligrams per kilogram	QC	=	quality control sample analyzed by project laboratory
NA	=	not applicable	SW	=	Environmental Protection Agency (EPA) solid waste method

APPENDIX G

Analytical Laboratory Data

Data Package

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Project Number: 04-036

Laboratory Work Order: B5G0543

August 4, 2005

North Creek Analytical
11720 North Creek Parkway North, Suite 400
Bothell, WA 98011-8223

Phone: (425) 420-9200
FAX: (425) 420-9210

Case Narrative

Sample Receiving

B5G0543:

Three soil samples were collected on 7/19/05 between 8:00 and 11:55. The cooler containing the samples was received at North Creek Analytical – Bothell (NCAB) on 7/26/05 at 2.0°C. All containers and the custody seal arrived intact. The samples were logged in as work order B5G0543.

Sample Preparation

The samples were prepared and analyzed within the method recommended holding time.

- **EPA 3550B/8082 for Polychlorinated Biphenyls** — The samples were prepared in accordance with EPA 3550B in batch 5G27062. Standard aliquots of ~ 30 g were extracted in 1:1 methylene chloride:acetone, solvent exchanged using hexane, and reduced to a final volume of 5 mLs in hexane.

Analysis

- **EPA 3550B/8082 for Polychlorinated Biphenyls** — The samples were analyzed in accordance with EPA 8082.

On the Analysis Data Sheet forms, the Aroclor 1260 results which differed by more than 25% between two dissimilar columns were "P"-flagged [samples 05NEC31SLSL084 (B5G0543-01), 05NEC31SLSL096 (B5G0543-02), and 05NEC31SLSL108 (B5G0543-03RE1)]. The 25% threshold is an automatic setting of the forms generation software. NCAB policy for EPA 8082 is to qualify results which differ by more than 40% between two dissimilar columns. Due to this discrepancy between the forms-generation software and the laboratory's standard practice, no "P" qualifiers appeared in the analytical report.

Due to a software limitation, the batch QC source sample for batch 5G27062 (B5G0492-03, a non-client sample) did not appear on the Analysis Batch (Sequence) Summary for sequence 5G28031. The sample was analyzed on 7/28/05 at 14:37 on ECD-6.

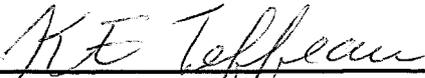
On the Analysis Batch (Sequence) Summary forms for sequences 5G28031 and 5G29005, an extra Continuing Calibration Verification (CCV) was listed (5G28031-CCV5 and 5G29005-CCV4, respectively). These CCVs were not associated with the client or batch QC samples reported for this work order. The individual Continuing Calibration Check forms for these two CCVs were not included in the data package.

For the CCV analyzed on 7/29/05 at 8:04, the percent recoveries for Aroclor 1016 (4-5), Aroclor 1260 (2-3, 5), and the surrogate Decachlorobiphenyl (DCB) were below the acceptance criteria of 85-115% on Signal 2. For the CCV analyzed on 7/29/05 at 10:57, the percent recoveries for Aroclor 1016 (4-5) and Aroclor 1260 (5) were below the acceptance criteria on Signal 2. The results for the associated sample [05NEC31SLSL108 (B5G0543-03RE1)] were reported from Signal 1. The corresponding Continuing Calibration Check forms only include results from Signal 1.

Quality Assurance

- **EPA 3550B/8082 for Polychlorinated Biphenyls** — The recoveries for the monitored target analytes were within the established acceptance criteria.

"I certify that this data package is in compliance with the Contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signatures:"

 8/4/05
Prepared by Kristine Toffeau, QA Associate

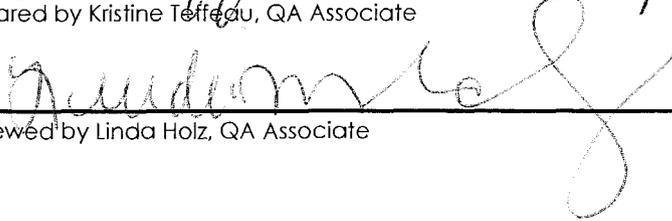
 8/4/05
Reviewed by Linda Holz, QA Associate

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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
05NEC31SLSL084	B5G0543-01	Soil	07/19/05 08:00	07/26/05 09:25
05NEC31SLSL096	B5G0543-02	Soil	07/19/05 11:05	07/26/05 09:25
05NEC31SLSL108	B5G0543-03	Soil	07/19/05 11:55	07/26/05 09:25

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**Polychlorinated Biphenyls by EPA Method 8082 (US Army Corps of Engineers)
North Creek Analytical - Bothell**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
05NEC31SLSL084 (B5G0543-01) Soil Sampled: 07/19/05 08:00 Received: 07/26/05 09:25										
Aroclor 1016	ND	3.48	25.0	ug/kg dry	1	5G27062	07/27/05	07/28/05	EPA 8082	U
Aroclor 1221	ND	13.3	50.0	"	"	"	"	"	"	U
Aroclor 1232	ND	5.76	25.0	"	"	"	"	"	"	U
Aroclor 1242	ND	2.08	25.0	"	"	"	"	"	"	U
Aroclor 1248	ND	1.78	25.0	"	"	"	"	"	"	U
Aroclor 1254	ND	1.49	25.0	"	"	"	"	"	"	U
Aroclor 1260	13.2	0.870	25.0	"	"	"	"	"	"	J
Aroclor 1262	ND	1.46	25.0	"	"	"	"	"	"	U
Aroclor 1268	ND	6.20	25.0	"	"	"	"	"	"	U
Surrogate: TCX	94.2 %		40-140			"	"	"	"	
Surrogate: Decachlorobiphenyl	101 %		60-125			"	"	"	"	
05NEC31SLSL096 (B5G0543-02) Soil Sampled: 07/19/05 11:05 Received: 07/26/05 09:25										
Aroclor 1016	ND	3.48	25.0	ug/kg dry	1	5G27062	07/27/05	07/28/05	EPA 8082	U
Aroclor 1221	ND	13.3	50.0	"	"	"	"	"	"	U
Aroclor 1232	ND	5.76	25.0	"	"	"	"	"	"	U
Aroclor 1242	ND	2.08	25.0	"	"	"	"	"	"	U
Aroclor 1248	ND	1.78	25.0	"	"	"	"	"	"	U
Aroclor 1254	ND	1.49	25.0	"	"	"	"	"	"	U
Aroclor 1260	39.7	0.870	25.0	"	"	"	"	"	"	
Aroclor 1262	ND	1.46	25.0	"	"	"	"	"	"	U
Aroclor 1268	ND	6.20	25.0	"	"	"	"	"	"	U
Surrogate: TCX	91.3 %		40-140			"	"	"	"	
Surrogate: Decachlorobiphenyl	103 %		60-125			"	"	"	"	

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**Polychlorinated Biphenyls by EPA Method 8082 (US Army Corps of Engineers)
North Creek Analytical - Bothell**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
05NEC31SLSL108 (B5G0543-03) Soil Sampled: 07/19/05 11:55 Received: 07/26/05 09:25										
Aroclor 1016	ND	3.48	25.0	ug/kg dry	1	5G27062	07/27/05	07/28/05	EPA 8082	U
Aroclor 1221	ND	13.3	50.0	"	"	"	"	"	"	U
Aroclor 1232	ND	5.76	25.0	"	"	"	"	"	"	U
Aroclor 1242	ND	2.08	25.0	"	"	"	"	"	"	U
Aroclor 1248	ND	1.78	25.0	"	"	"	"	"	"	U
Aroclor 1254	ND	1.49	25.0	"	"	"	"	"	"	U
Aroclor 1260	415	0.870	25.0	"	"	"	"	"	"	E
Aroclor 1262	ND	1.46	25.0	"	"	"	"	"	"	U
Aroclor 1268	ND	6.20	25.0	"	"	"	"	"	"	U
Surrogate: TCX	96.0 %		40-140			"	"	"	"	
Surrogate: Decachlorobiphenyl	100 %		60-125			"	"	"	"	
05NEC31SLSL108 (B5G0543-03RE1) Soil Sampled: 07/19/05 11:55 Received: 07/26/05 09:25										
Aroclor 1016	ND	17.4	125	ug/kg dry	5	5G27062	07/27/05	07/29/05	EPA 8082	U
Aroclor 1221	ND	66.4	250	"	"	"	"	"	"	U
Aroclor 1232	ND	28.8	125	"	"	"	"	"	"	U
Aroclor 1242	ND	10.4	125	"	"	"	"	"	"	U
Aroclor 1248	ND	8.90	125	"	"	"	"	"	"	U
Aroclor 1254	ND	7.45	125	"	"	"	"	"	"	U
Aroclor 1260	453	4.35	125	"	"	"	"	"	"	
Aroclor 1262	ND	7.30	125	"	"	"	"	"	"	U
Aroclor 1268	ND	31.0	125	"	"	"	"	"	"	U
Surrogate: TCX	97.2 %		40-140			"	"	"	"	
Surrogate: Decachlorobiphenyl	119 %		60-125			"	"	"	"	

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**Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
05NEC31SLSL084 (B5G0543-01) Soil Sampled: 07/19/05 08:00 Received: 07/26/05 09:25										
Dry Weight	97.6	1.00	1.00	%	1	5G27046	07/27/05	07/28/05	30PSPL003R1	
05NEC31SLSL096 (B5G0543-02) Soil Sampled: 07/19/05 11:05 Received: 07/26/05 09:25										
Dry Weight	98.5	1.00	1.00	%	1	5G27046	07/27/05	07/28/05	30PSPL003R1	
05NEC31SLSL108 (B5G0543-03) Soil Sampled: 07/19/05 11:55 Received: 07/26/05 09:25										
Dry Weight	97.1	1.00	1.00	%	1	5G27046	07/27/05	07/28/05	30PSPL003R1	

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Polychlorinated Biphenyls by EPA Method 8082 (US Army Corps of Engineers) - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5G27062: Prepared 07/27/05 Using EPA 3550B

Blank (5G27062-BLK2)

Aroclor 1016	ND	3.48	25.0	ug/kg							U
Aroclor 1221	ND	13.3	50.0	"							U
Aroclor 1232	ND	5.76	25.0	"							U
Aroclor 1242	ND	2.08	25.0	"							U
Aroclor 1248	ND	1.78	25.0	"							U
Aroclor 1254	ND	1.49	25.0	"							U
Aroclor 1260	ND	0.870	25.0	"							U
Aroclor 1262	ND	1.46	25.0	"							U
Aroclor 1268	ND	6.20	25.0	"							U

Surrogate: TCX	5.81			"	6.67		87.1 %	40-140			
Surrogate: Decachlorobiphenyl	7.06			"	6.67		106 %	60-125			

LCS (5G27062-BS2)

Aroclor 1016	66.4	3.48	25.0	ug/kg	83.3		79.7	40-140			
Aroclor 1260	81.3	0.870	25.0	"	83.3		97.6	60-130			
Surrogate: TCX	5.82			"	6.67		87.3 %	40-140			
Surrogate: Decachlorobiphenyl	6.87			"	6.67		103 %	60-125			

LCS Dup (5G27062-BSD2)

Aroclor 1016	69.0	3.48	25.0	ug/kg	83.3		82.8	40-140	3.84	30	
Aroclor 1260	82.4	0.870	25.0	"	83.3		98.9	60-130	1.34	30	
Surrogate: TCX	5.70			"	6.67		85.5 %	40-140			
Surrogate: Decachlorobiphenyl	6.97			"	6.67		104 %	60-125			

Matrix Spike (5G27062-MS2)

Source: B5G0492-03

Aroclor 1016	142	10.4	74.6	ug/kg dry	245	ND	58.0	40-140			
Aroclor 1260	424	2.60	74.6	"	245	141	116	60-130			
Surrogate: TCX	16.7			"	19.6		85.2 %	40-140			
Surrogate: Decachlorobiphenyl	19.7			"	19.6		101 %	60-125			

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USACE - Alaska PO Box 6898, Building 2212 Third Street Elmendorf AFB, AK/USA 99506-6898	Project: Northeast Cape White Alice BDDR Removal Project Number: 04-036 Project Manager: Julie Sharp-Dahl	Reported: 08/04/05 11:41
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**Polychlorinated Biphenyls by EPA Method 8082 (US Army Corps of Engineers) - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5G27062: Prepared 07/27/05 Using EPA 3550B											
Matrix Spike Dup (5G27062-MSD2)						Source: B5G0492-03					
Aroclor 1016	135	10.4	74.6	ug/kg dry	251	ND	53.8	40-140	5.05	30	
Aroclor 1260	371	2.60	74.6	"	251	141	91.6	60-130	13.3	30	
Surrogate: TCX	16.6			"	20.1		82.6 %	40-140			
Surrogate: Decachlorobiphenyl	19.6			"	20.1		97.5 %	60-125			

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Kate Haney, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



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USACE - Alaska PO Box 6898, Building 2212 Third Street Elmendorf AFB, AK/USA 99506-6898	Project: Northeast Cape White Alice BDDR Removal Project Number: 04-036 Project Manager: Julie Sharp-Dahl	Reported: 08/04/05 11:41
---	---	-----------------------------

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5G27046: Prepared 07/27/05 Using Dry Weight											
Blank (5G27046-BLK1)											
Dry Weight	100	1.00	1.00	%							

North Creek Analytical - Bothell

Kate Haney, Project Manager

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 Anchorage 2000 W. International Airport Road, Suite A10, Anchorage, AK 99502-1119
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USACE - Alaska PO Box 6898, Building 2212 Third Street Elmendorf AFB, AK/USA 99506-6898	Project: Northeast Cape White Alice BDDR Removal Project Number: 04-036 Project Manager: Julie Sharp-Dahl	Reported: 08/04/05 11:41
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Notes and Definitions

- E Estimated value. The reported value exceeds the calibration range of the analysis.
- J Estimated value.
- U Analyte included in the analysis but not detected.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Kate Haney, Project Manager

North Creek Analytical, Inc.
Environmental Laboratory Network

North Creek Analytical - Bothell

SDG:

CLASS: SVOA

METHOD: EPA 8082

ANALYSES DATA PACKAGE COVER PAGE

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Client Sample Id:

05NEC31SLSL084

05NEC31SLSL096

05NEC31SLSL108

05NEC31SLSL108

Lab Sample Id:

B5G0543-01

B5G0543-02

B5G0543-03

B5G0543-03RE1

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:

KE Tefean

Name:

KE Tefean

Date:

8/4/05

Title:

QA Associate

METHOD DETECTION AND REPORTING LIMITS

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Re

Matrix: Soil

Instrument: ECD-6

Analyte	MDL	MRL	Units
Aroclor 1016	3.48	25.0	ug/kg
Aroclor 1221	13.3	50.0	ug/kg
Aroclor 1232	5.76	25.0	ug/kg
Aroclor 1242	2.08	25.0	ug/kg
Aroclor 1248	1.78	25.0	ug/kg
Aroclor 1254	1.49	25.0	ug/kg
Aroclor 1260	0.870	25.0	ug/kg
Aroclor 1262	1.46	25.0	ug/kg
Aroclor 1268	6.20	25.0	ug/kg

ORGANIC ANALYSIS DATA SHEET

EPA 8082

05NEC31SLSL108

Laboratory:	<u>North Creek Analytical - Bothell</u>	SDG:	
Client:	<u>USACE - Alaska</u>	Project:	<u>Northeast Cape White Alice BDDR Removal</u>
Matrix:	<u>Soil</u>	Laboratory ID:	<u>B5G0543-03</u>
		File ID:	<u>G28012.D</u>
Sampled:	<u>07/19/05 11:55</u>	Prepared:	<u>07/27/05 14:32</u>
		Analyzed:	<u>07/28/05 15:31</u>
Solids:	<u>97.10</u>	Preparation:	<u>EPA 3550B</u>
		Initial/Final:	<u>30.2 g / 5 ml</u>
Batch:	<u>5G27062</u>	Sequence:	<u>5G28031</u>
		Calibration:	<u>5062702</u>
		Instrument:	<u>ECD-6</u>

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
12674-11-2	Aroclor 1016	1	3.48	U	
11104-28-2	Aroclor 1221	1	13.3	U	
11141-16-5	Aroclor 1232	1	5.76	U	
53469-21-9	Aroclor 1242	1	2.08	U	
12672-29-6	Aroclor 1248	1	1.78	U	
11097-69-1	Aroclor 1254	1	1.49	U	
11096-82-5	Aroclor 1260	1	415	EX	
37324-23-5	Aroclor 1262	1	1.46	U	
11100-14-4	Aroclor 1268	1	6.20	U	
SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
TCX	6.82	6.55	96.0	40 - 140	
Decachlorobiphenyl	6.82	6.82	100	60 - 125	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8082

05NEC31SLSL108

Laboratory:	<u>North Creek Analytical - Bothell</u>	SDG:	
Client:	<u>USACE - Alaska</u>	Project:	<u>Northeast Cape White Alice BDDR Removal</u>
Matrix:	<u>Soil</u>	Laboratory ID:	<u>B5G0543-03RE1</u>
		File ID:	<u>G29004.D</u>
Sampled:	<u>07/19/05 11:55</u>	Prepared:	<u>07/27/05 14:32</u>
		Analyzed:	<u>07/29/05 09:07</u>
Solids:	<u>97.10</u>	Preparation:	<u>EPA 3550B</u>
		Initial/Final:	<u>30.2 g / 5 ml</u>
Batch:	<u>5G27062</u>	Sequence:	<u>5G29005</u>
		Calibration:	<u>5062702</u>
		Instrument:	<u>ECD-6</u>

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg dry)	Q	
12674-11-2	Aroclor 1016	5	17.4	UD	
11104-28-2	Aroclor 1221	5	66.4	UD	
11141-16-5	Aroclor 1232	5	28.8	UD	
53469-21-9	Aroclor 1242	5	10.4	UD	
12672-29-6	Aroclor 1248	5	8.90	UD	
11097-69-1	Aroclor 1254	5	7.45	UD	
11096-82-5	Aroclor 1260	5	453	DP	
37324-23-5	Aroclor 1262	5	7.30	UD	
11100-14-4	Aroclor 1268	5	31.0	UD	
SYSTEM MONITORING COMPOUND	ADDED (ug/kg dry)	CONC (ug/kg dry)	% REC	QC LIMITS	Q
TCX	6.82	6.63	97.2	40 - 140	
Decachlorobiphenyl	6.82	8.10	119	60 - 125	

* Values outside of QC limits

PREPARATION BATCH SUMMARY

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Batch: 5G27062 Batch Matrix: Soil

Preparation: EPA 3550B

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL / FINAL	OBSERVATIONS
Blank	5G27062-BLK2	07/27/05 14:32	30 g / 5 ml	PCB BLK1
LCS	5G27062-BS2	07/27/05 14:32	30 g / 5 ml	
LCS Dup	5G27062-BSD2	07/27/05 14:32	30 g / 5 ml	
Matrix Spike	5G27062-MS2	07/27/05 14:32	30.4 g / 5 ml	moist
Matrix Spike Dup	5G27062-MSD2	07/27/05 14:32	29.7 g / 5 ml	moist
05NEC31SLSL084	B5G0543-01	07/27/05 14:32	29.7 g / 5 ml	sand & rocks
05NEC31SLSL096	B5G0543-02	07/27/05 14:32	30.4 g / 5 ml	sand & rocks
05NEC31SLSL108	B5G0543-03	07/27/05 14:32	30.2 g / 5 ml	sand & rocks
05NEC31SLSL108	B5G0543-03RE1	07/27/05 14:32	30.2 g / 5 ml	Added 7/29/2005 by EAG

METHOD BLANK DATA SHEET

EPA 8082

Laboratory:	<u>North Creek Analytical - Bothell</u>	SDG:	
Client:	<u>USACE - Alaska</u>	Project:	<u>Northeast Cape White Alice BDDR Removal</u>
Matrix:	<u>Soil</u>	Laboratory ID:	<u>5G27062-BLK2</u>
		File ID:	<u>G28004.D</u>
Prepared:	<u>07/27/05 14:32</u>	Preparation:	<u>EPA 3550B</u>
		Initial/Final:	<u>30 g / 5 ml</u>
Analyzed:	<u>07/28/05 13:05</u>	Instrument:	<u>ECD-6</u>
Batch:	<u>5G27062</u>	Sequence:	<u>5G28031</u>
		Calibration:	<u>5062702</u>

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
12674-11-2	Aroclor 1016	3.48	U
11104-28-2	Aroclor 1221	13.3	U
11141-16-5	Aroclor 1232	5.76	U
53469-21-9	Aroclor 1242	2.08	U
12672-29-6	Aroclor 1248	1.78	U
11097-69-1	Aroclor 1254	1.49	U
11096-82-5	Aroclor 1260	0.870	U
37324-23-5	Aroclor 1262	1.46	U
11100-14-4	Aroclor 1268	6.20	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg wet)	CONC (ug/kg wet)	% REC	QC LIMITS	Q
TCX	6.67	5.81	87.1	40 - 140	
Decachlorobiphenyl	6.67	7.06	106	60 - 125	

LCS / LCS DUPLICATE RECOVERY

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Matrix: Soil

Batch: 5G27062

Laboratory ID: 5G27062-BS2

Preparation: EPA 3550B

Initial/Final: 30 g / 5 ml

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
Aroclor 1016	83.3	66.4	79.7	40 - 140
Aroclor 1260	83.3	81.3	97.6	60 - 130

- Column to be used to flag recovery and RPD values with an asterisk

* - Indicates value outside of QC limits

LCS / LCS DUPLICATE RECOVERY

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Matrix: Soil

Batch: 5G27062

Laboratory ID: 5G27062-BSD2

Preparation: EPA 3550B

Initial/Final: 30 g / 5 ml

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS D CONCENTRATION (ug/kg wet)	LCS D % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Aroclor 1016	83.3	69.0	82.8	3.84	30	40 - 140
Aroclor 1260	83.3	82.4	98.9	1.34	30	60 - 130

- Column to be used to flag recovery and RPD values with an asterisk

* - Indicates value outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B5G0492-03

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Matrix: Soil

Batch: 5G27062

Laboratory ID: 5G27062-MS2

Preparation: EPA 3550B

Initial/Final: 30.4 g / 5 ml

Source Sample Name: B5G0492-03

COMPOUND	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC. #	QC LIMITS REC.
Aroclor 1016	245	ND	142	58.0	40 - 140
Aroclor 1260	245	141	424	116	60 - 130

- Column to be used to flag recovery and RPD values with an asterisk * - Indicates value outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8082

B5G0492-03

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Matrix: Soil

Batch: 5G27062

Laboratory ID: 5G27062-MSD2

Preparation: EPA 3550B

Initial/Final: 29.7 g / 5 ml

Source Sample Name: B5G0492-03

COMPOUND	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Aroclor 1016	251	135	53.8	5.05	30	40 - 140
Aroclor 1260	251	371	91.6	13.3	30	60 - 130

- Column to be used to flag recovery and RPD values with an asterisk * - Indicates value outside of QC limits

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Sequence: 5G28031

Instrument: ECD-6

Matrix: Soil

Calibration: 5062702

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Calibration Check	5G28031-CCV1	G28003.D	07/28/05 11:12
Blank	5G27062-BLK2	G28004.D	07/28/05 13:05
LCS	5G27062-BS2	G28005.D	07/28/05 13:24
LCS Dup	5G27062-BSD2	G28006.D	07/28/05 13:42
Matrix Spike	5G27062-MS2	G28007.D	07/28/05 14:00
Matrix Spike Dup	5G27062-MSD2	G28008.D	07/28/05 14:18
05NEC31SLSL084	B5G0543-01	G28010.D	07/28/05 14:55
05NEC31SLSL096	B5G0543-02	G28011.D	07/28/05 15:13
05NEC31SLSL108	B5G0543-03	G28012.D	07/28/05 15:31
Calibration Check	5G28031-CCV3	G28014.D	07/28/05 16:08
Calibration Check	5G28031-CCV5	G28023.D	07/28/05 18:52

CONTINUING CALIBRATION CHECK

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Instrument ID: ECD-6

Calibration: 5062702

Lab File ID: G28003.D

Calibration Date: 06/27/05 11:14

Sequence: 5G28031

Injection Date: 07/28/05

Lab Sample ID: 5G28031-CCV1

Injection Time: 11:12

COMPOUND	TYPE	CONC. (ng/ml)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor 1016	L	1000	989	0			-1.10	15
Aroclor 1260	A	1000	1070	0				15
TCX	A	100	101	8513130	8585000		0.844	15
Decachlorobiphenyl	A	100	111	4714240	5215000		10.6	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Instrument ID: ECD-6

Calibration: 5062702

Lab File ID: G28014.D

Calibration Date: 06/27/05 11:14

Sequence: 5G28031

Injection Date: 07/28/05

Lab Sample ID: 5G28031-CCV3

Injection Time: 16:08

COMPOUND	TYPE	CONC. (ng/ml)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor 1016	L	1000	1010	0			1.00	15
Aroclor 1260	A	1000	1080	0				15
TCX	A	100	102	8513130	8704000		2.24	15
Decachlorobiphenyl	A	100	110	4714240	5201000		10.3	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Sequence: 5G28031

Instrument: ECD-6

Matrix: Soil

Calibration: 5062702

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (5G27062-BLK2)		Lab File ID: G28004.D			Analyzed: 07/28/05 13:05			
TCX	6.67	87.1	40 - 140	4.13	4.56875	-0.4388	+/-1.0	
Decachlorobiphenyl	6.67	106	60 - 125	10.49	10.9512	-0.4612	+/-1.0	
LCS (5G27062-BS2)		Lab File ID: G28005.D			Analyzed: 07/28/05 13:24			
TCX	6.67	87.3	40 - 140	4.13	4.56875	-0.4388	+/-1.0	
Decachlorobiphenyl	6.67	103	60 - 125	10.48	10.9512	-0.4712	+/-1.0	
LCS Dup (5G27062-BSD2)		Lab File ID: G28006.D			Analyzed: 07/28/05 13:42			
TCX	6.67	85.5	40 - 140	4.13	4.56875	-0.4388	+/-1.0	
Decachlorobiphenyl	6.67	104	60 - 125	10.48	10.9512	-0.4712	+/-1.0	
Matrix Spike (5G27062-MS2)		Lab File ID: G28007.D			Analyzed: 07/28/05 14:00			
TCX	19.6	85.2	40 - 140	4.13	4.56875	-0.4388	+/-1.0	
Decachlorobiphenyl	19.6	101	60 - 125	10.48	10.9512	-0.4712	+/-1.0	
Matrix Spike Dup (5G27062-MSD2)		Lab File ID: G28008.D			Analyzed: 07/28/05 14:18			
TCX	20.1	82.6	40 - 140	4.13	4.56875	-0.4388	+/-1.0	
Decachlorobiphenyl	20.1	97.5	60 - 125	10.48	10.9512	-0.4712	+/-1.0	
05NEC31SLSL084 (B5G0543-01)		Lab File ID: G28010.D			Analyzed: 07/28/05 14:55			
TCX	6.90	94.2	40 - 140	4.13	4.56875	-0.4388	+/-1.0	
Decachlorobiphenyl	6.90	101	60 - 125	10.48	10.9512	-0.4712	+/-1.0	
05NEC31SLSL096 (B5G0543-02)		Lab File ID: G28011.D			Analyzed: 07/28/05 15:13			
TCX	6.68	91.3	40 - 140	4.13	4.56875	-0.4388	+/-1.0	
Decachlorobiphenyl	6.68	103	60 - 125	10.47	10.9512	-0.4812	+/-1.0	
05NEC31SLSL108 (B5G0543-03)		Lab File ID: G28012.D			Analyzed: 07/28/05 15:31			
TCX	6.82	96.0	40 - 140	4.13	4.56875	-0.4388	+/-1.0	
Decachlorobiphenyl	6.82	100	60 - 125	10.48	10.9512	-0.4712	+/-1.0	

ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 8082

Laboratory: <u>North Creek Analytical - Bothell</u>	SDG:
Client: <u>USACE - Alaska</u>	Project: <u>Northeast Cape White Alice BDDR Removal</u>
Sequence: <u>5G29005</u>	Instrument: <u>ECD-6</u>
Matrix: <u>Soil</u>	Calibration: <u>5062702</u>

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Calibration Check	5G29005-CCV1	G29003.D	07/29/05 08:04
05NEC31SLSL108	B5G0543-03RE1	G29004.D	07/29/05 09:07
Calibration Check	5G29005-CCV2	G29010.D	07/29/05 10:57
Calibration Check	5G29005-CCV4	G29015.D	07/29/05 12:28

CONTINUING CALIBRATION CHECK

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Instrument ID: ECD-6

Calibration: 5062702

Lab File ID: G29003.D

Calibration Date: 06/27/05 11:14

Sequence: 5G29005

Injection Date: 07/29/05

Lab Sample ID: 5G29005-CCV1

Injection Time: 08:04

COMPOUND	TYPE	CONC. (ug/l)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor 1016	L	1000	983	0			-1.70	15
Aroclor 1260	A	1000	1020	0				15
TCX	A	100	99.7	8513130	8492000		-0.248	15
Decachlorobiphenyl	A	100	103	4714240	4869000		3.28	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

EPA 8082

Laboratory: North Creek Analytical - Bothell
 Client: USACE - Alaska
 Instrument ID: ECD-6
 Lab File ID: G29010.D
 Sequence: 5G29005
 Lab Sample ID: 5G29005-CCV2

SDG:
 Project: Northeast Cape White Alice BDDR Removal
 Calibration: 5062702
 Calibration Date: 06/27/05 11:14
 Injection Date: 07/29/05
 Injection Time: 10:57

COMPOUND	TYPE	CONC. (ug/l)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor 1016	L	1000	983	0			-1.70	15
Aroclor 1260	A	1000	1030	0				15
TCX	A	100	100	8513130	8530000		0.198	15
Decachlorobiphenyl	A	100	103	4714240	4866000		3.22	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SURROGATE STANDARD RECOVERY AND RT SUMMARY
EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Sequence: 5G29005

Instrument: ECD-6

Matrix: Water

Calibration: 5062702

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
05NEC31SLSL108 (B5G0543-03RE1)			Lab File ID: G29004.D		Analyzed: 07/29/05 09:07			
TCX	6.82	97.2	40 - 140	4.14	4.56875	-0.4288	+/-1.0	
Decachlorobiphenyl	6.82	119	60 - 125	10.49	10.9512	-0.4612	+/-1.0	

INITIAL CALIBRATION DATA

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Rem

Calibration: 5062702

Instrument: ECD-6

Matrix: Soil

Calibration Date: 06/27/05 11:14

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ng/ml	RF	ng/ml	RF	ng/ml	RF	ng/ml	RF	ng/ml	RF	ng/ml	RF
Aroclor 1016 [1]	10	2087330	50	306385	100	221289	200	174038	500	143413	1000	131800
Aroclor 1016 [1]	10	2087330	50	306385	100	221289	200	174038	500	143413	1000	131800
Aroclor 1016 [2]	10	5532720	50	831661	100	600215	200	441552	500	364000	1000	332600
Aroclor 1016 [2]	10	5532720	50	831661	100	600215	200	441552	500	364000	1000	332600
Aroclor 1016 [3]	10	1.255E+07	50	1659730	100	1198000	200	901500	500	720200	1000	663900
Aroclor 1016 [3]	10	1.255E+07	50	1659730	100	1198000	200	901500	500	720200	1000	663900
Aroclor 1016 [4]	10	5227440	50	672095	100	481824	200	373044	500	286000	1000	248200
Aroclor 1016 [4]	10	5227440	50	672095	100	481824	200	373044	500	286000	1000	248200
Aroclor 1016 [5]	10	4683080	50	565221	100	414118	200	298423	500	244800	1000	210800
Aroclor 1016 [5]	10	4683080	50	565221	100	414118	200	298423	500	244800	1000	210800
Aroclor 1016	10	0	50	0	100	0	200	0	500	0	1000	0
Aroclor 1016	10	0	50	0	100	0	200	0	500	0	1000	0
Aroclor 1016 [1] [2C]	10	2471430	50	361738	100	290244	200	227282	500	207400	1000	171100
Aroclor 1016 [1] [2C]	10	2471430	50	361738	100	290244	200	227282	500	207400	1000	171100
Aroclor 1016 [2] [2C]	10	4285410	50	661824	100	471119	200	353913	500	305600	1000	269900
Aroclor 1016 [2] [2C]	10	4285410	50	661824	100	471119	200	353913	500	305600	1000	269900
Aroclor 1016 [3] [2C]	10	9782240	50	1187760	100	894982	200	666000	500	548000	1000	495300
Aroclor 1016 [3] [2C]	10	9782240	50	1187760	100	894982	200	666000	500	548000	1000	495300
Aroclor 1016 [4] [2C]	10	4003490	50	516826	100	392576	200	314202	500	259200	1000	220400
Aroclor 1016 [4] [2C]	10	4003490	50	516826	100	392576	200	314202	500	259200	1000	220400
Aroclor 1016 [5] [2C]	10	4953820	50	591402	100	435743	200	346974	500	282400	1000	241900
Aroclor 1016 [5] [2C]	10	4953820	50	591402	100	435743	200	346974	500	282400	1000	241900
Aroclor 1016 [2C]	10	0	50	0	100	0	200	0	500	0	1000	0
Aroclor 1016 [2C]	10	0	50	0	100	0	200	0	500	0	1000	0
Aroclor 1260 [1]	10	963735	50	384886	100	348850	200	383948	500	348400	1000	324700
Aroclor 1260 [1]	10	963735	50	384886	100	348850	200	383948	500	348400	1000	324700
Aroclor 1260 [2]	10	1088910	50	443189	100	401274	200	433269	500	406000	1000	382200
Aroclor 1260 [2]	10	1088910	50	443189	100	401274	200	433269	500	406000	1000	382200
Aroclor 1260 [3]	10	889193	50	390332	100	334201	200	351107	500	333200	1000	318700
Aroclor 1260 [3]	10	889193	50	390332	100	334201	200	351107	500	333200	1000	318700
Aroclor 1260 [4]	10	1495540	50	757349	100	654771	200	693000	500	662600	1000	637900
Aroclor 1260 [4]	10	1495540	50	757349	100	654771	200	693000	500	662600	1000	637900
Aroclor 1260 [5]	10	1311170	50	429678	100	410568	200	418220	500	389000	1000	370900
Aroclor 1260 [5]	10	1311170	50	429678	100	410568	200	418220	500	389000	1000	370900
Aroclor 1260	10	0	50	0	100	0	200	0	500	0	1000	0
Aroclor 1260	10	0	50	0	100	0	200	0	500	0	1000	0

INITIAL CALIBRATION DATA

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Remo

Calibration: 5062702

Instrument: ECD-6

Matrix: Water

Calibration Date: 06/27/05 11:14

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/l	RF	ug/l	RF	ug/l	RF	ug/l	RF	ug/l	RF	ug/l	RF
Aroclor 1260 [1] [2C]	10	1452200	50	530441	100	516534	200	534000	500	533800	1000	482500
Aroclor 1260 [1] [2C]	10	1452200	50	530441	100	516534	200	534000	500	533800	1000	482500
Aroclor 1260 [2] [2C]	10	1829790	50	956880	100	816440	200	878500	500	874200	1000	810100
Aroclor 1260 [2] [2C]	10	1829790	50	956880	100	816440	200	878500	500	874200	1000	810100
Aroclor 1260 [3] [2C]	10	1918680	50	914251	100	797176	200	874000	500	867600	1000	814800
Aroclor 1260 [3] [2C]	10	1918680	50	914251	100	797176	200	874000	500	867600	1000	814800
Aroclor 1260 [4] [2C]	10	1598480	50	1086040	100	920447	200	1056500	500	1040800	1000	1002700
Aroclor 1260 [4] [2C]	10	1598480	50	1086040	100	920447	200	1056500	500	1040800	1000	1002700
Aroclor 1260 [5] [2C]	10	1416800	50	756297	100	644964	200	731500	500	715600	1000	697600
Aroclor 1260 [5] [2C]	10	1416800	50	756297	100	644964	200	731500	500	715600	1000	697600
Aroclor 1260 [2C]	10	0	50	0	100	0	200	0	500	0	1000	0
Aroclor 1260 [2C]	10	0	50	0	100	0	200	0	500	0	1000	0
TCX	1	9936590	5	8672180	10	9257430	20	8645000	50	8572000	100	8392000
TCX	1	9936590	5	8672180	10	9257430	20	8645000	50	8572000	100	8392000
TCX [2C]	1	1.08704E+07	5	1.00415E+07	10	1.081E+07	20	1.043E+07	50	1.0598E+07	100	1.0099E+07
TCX [2C]	1	1.08704E+07	5	1.00415E+07	10	1.081E+07	20	1.043E+07	50	1.0598E+07	100	1.0099E+07
Decachlorobiphenyl	1	6536550	5	5425860	10	4592540	20	4954450	50	4682000	100	4496000
Decachlorobiphenyl	1	6536550	5	5425860	10	4592540	20	4954450	50	4682000	100	4496000
Decachlorobiphenyl [2C]	1	9668760	5	8445280	10	7228840	20	8020000	50	7874000	100	7631000
Decachlorobiphenyl [2C]	1	9668760	5	8445280	10	7228840	20	8020000	50	7874000	100	7631000

INITIAL CALIBRATION DATA (Continued)

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Rem

Calibration: 5062702

Instrument: ECD-6

Matrix: Soil

Calibration Date: 06/27/05 11:14

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ng/ml	RF	ng/ml	RF	ng/ml	RF	ng/ml	RF	ng/ml	RF	ng/ml	RF
Aroclor 1016 [1]	1500	126933	2000	123000								
Aroclor 1016 [1]	1500	126933	2000	123000								
Aroclor 1016 [2]	1500	320533	2000	311250								
Aroclor 1016 [2]	1500	320533	2000	311250								
Aroclor 1016 [3]	1500	631933	2000	616300								
Aroclor 1016 [3]	1500	631933	2000	616300								
Aroclor 1016 [4]	1500	235600	2000	228500								
Aroclor 1016 [4]	1500	235600	2000	228500								
Aroclor 1016 [5]	1500	198933	2000	192100								
Aroclor 1016 [5]	1500	198933	2000	192100								
Aroclor 1016	1500	0	2000	0								
Aroclor 1016	1500	0	2000	0								
Aroclor 1016 [1] [2C]	1500	168800	2000	162850								
Aroclor 1016 [1] [2C]	1500	168800	2000	162850								
Aroclor 1016 [2] [2C]	1500	262200	2000	253300								
Aroclor 1016 [2] [2C]	1500	262200	2000	253300								
Aroclor 1016 [3] [2C]	1500	477400	2000	452300								
Aroclor 1016 [3] [2C]	1500	477400	2000	452300								
Aroclor 1016 [4] [2C]	1500	209867	2000	203500								
Aroclor 1016 [4] [2C]	1500	209867	2000	203500								
Aroclor 1016 [5] [2C]	1500	230600	2000	223550								
Aroclor 1016 [5] [2C]	1500	230600	2000	223550								
Aroclor 1016 [2C]	1500	0	2000	0								
Aroclor 1016 [2C]	1500	0	2000	0								
Aroclor 1260 [1]	1500	317467	2000	310100								
Aroclor 1260 [1]	1500	317467	2000	310100								
Aroclor 1260 [2]	1500	379333	2000	369400								
Aroclor 1260 [2]	1500	379333	2000	369400								
Aroclor 1260 [3]	1500	319533	2000	311300								
Aroclor 1260 [3]	1500	319533	2000	311300								
Aroclor 1260 [4]	1500	640600	2000	621900								
Aroclor 1260 [4]	1500	640600	2000	621900								
Aroclor 1260 [5]	1500	372533	2000	362150								

INITIAL CALIBRATION DATA (Continued)

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Remo

Calibration: 5062702

Instrument: ECD-6

Matrix: Soil

Calibration Date: 06/27/05 11:14

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ng/ml	RF	ng/ml	RF	ng/ml	RF	ng/ml	RF	ng/ml	RF	ng/ml	RF
Aroclor 1260 [5]	1500	372533	2000	362150								
Aroclor 1260	1500	0	2000	0								
Aroclor 1260	1500	0	2000	0								
Aroclor 1260 [1] [2C]	1500	475933	2000	459550								
Aroclor 1260 [1] [2C]	1500	475933	2000	459550								
Aroclor 1260 [2] [2C]	1500	806933	2000	775950								
Aroclor 1260 [2] [2C]	1500	806933	2000	775950								
Aroclor 1260 [3] [2C]	1500	817600	2000	788100								
Aroclor 1260 [3] [2C]	1500	817600	2000	788100								
Aroclor 1260 [4] [2C]	1500	1003070	2000	961450								
Aroclor 1260 [4] [2C]	1500	1003070	2000	961450								
Aroclor 1260 [5] [2C]	1500	709200	2000	685800								
Aroclor 1260 [5] [2C]	1500	709200	2000	685800								
Aroclor 1260 [2C]	1500	0	2000	0								
Aroclor 1260 [2C]	1500	0	2000	0								
TCX	150	8139330	200	7914000								
TCX	150	8139330	200	7914000								
TCX [2C]	150	9778000	200	9400000								
TCX [2C]	150	9778000	200	9400000								
Decachlorobiphenyl	150	4483330	200	4365500								
Decachlorobiphenyl	150	4483330	200	4365500								
Decachlorobiphenyl [2C]	150	7613330	200	7419500								
Decachlorobiphenyl [2C]	150	7613330	200	7419500								

INITIAL CALIBRATION DATA (Continued)

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Calibration: 5062702

Instrument: ECD-6

Matrix: Soil

Calibration Date: 06/27/05 11:14

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Aroclor 1016 [1]	175265	38.48	5.30125	0.06711	0.99983		0.99	
Aroclor 1016 [1]	175265	38.48	5.30125	0.06711	0.99983		0.99	
Aroclor 1016 [2]	457402	42.35	5.80125	0.06344	0.99989		0.99	
Aroclor 1016 [2]	457402	42.35	5.80125	0.06344	0.99989		0.99	
Aroclor 1016 [3]	913080	42.54	6.2625	0.07449	0.99987		0.99	
Aroclor 1016 [3]	913080	42.54	6.2625	0.07449	0.99987		0.99	
Aroclor 1016 [4]	360752	45.71	6.43	0.01092	0.99965		0.99	
Aroclor 1016 [4]	360752	45.71	6.43	0.01092	0.99965		0.99	
Aroclor 1016 [5]	303485	45.84	6.9525	0.06738	0.99949		0.99	
Aroclor 1016 [5]	303485	45.84	6.9525	0.06738	0.99949		0.99	
Aroclor 1016 [1] [2C]	227059	32.74	5.06125	0.07057	0.99913		0.99	
Aroclor 1016 [1] [2C]	227059	32.74	5.06125	0.07057	0.99913		0.99	
Aroclor 1016 [2] [2C]	368265	40.74	5.50125	0.06397	0.99975		0.99	
Aroclor 1016 [2] [2C]	368265	40.74	5.50125	0.06397	0.99975		0.99	
Aroclor 1016 [3] [2C]	674535	40.53	6.15125	0.0598	0.99944		0.99	
Aroclor 1016 [3] [2C]	674535	40.53	6.15125	0.0598	0.99944		0.99	
Aroclor 1016 [4] [2C]	302367	38.47	6.45125	0.05422	0.99932		0.99	
Aroclor 1016 [4] [2C]	302367	38.47	6.45125	0.05422	0.99932		0.99	
Aroclor 1016 [5] [2C]	336081	40.43	6.67	0.02142	0.99945		0.99	
Aroclor 1016 [5] [2C]	336081	40.43	6.67	0.02142	0.99945		0.99	
Aroclor 1260 [1]	345479	8.78	8.23	0.02026			20	
Aroclor 1260 [1]	345479	8.78	8.23	0.02026			20	
Aroclor 1260 [2]	402095	6.93	8.36	0.01124			20	
Aroclor 1260 [2]	402095	6.93	8.36	0.01124			20	
Aroclor 1260 [3]	336910	8.007	8.78125	0.03832	0.99982		0.99	
Aroclor 1260 [3]	336910	8.007	8.78125	0.03832	0.99982		0.99	
Aroclor 1260 [4]	666874	6.868	9.36125	0.04163			20	
Aroclor 1260 [4]	666874	6.868	9.36125	0.04163			20	
Aroclor 1260 [5]	393293	6.699	9.8	0.01833			20	
Aroclor 1260 [5]	393293	6.699	9.8	0.01833			20	
Aroclor 1260 [1] [2C]	504680	6.196	8.00125	0.04398			20	
Aroclor 1260 [1] [2C]	504680	6.196	8.00125	0.04398			20	
Aroclor 1260 [2] [2C]	845572	7.281	8.31125	0.04231			20	
Aroclor 1260 [2] [2C]	845572	7.281	8.31125	0.04231			20	
Aroclor 1260 [3] [2C]	839075	5.566	8.61	0.01388			20	
Aroclor 1260 [3] [2C]	839075	5.566	8.61	0.01388			20	
Aroclor 1260 [4] [2C]	1010140	5.625	9.28125	0.03493			20	

INITIAL CALIBRATION DATA (Continued)

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Calibration: 5062702

Instrument: ECD-6

Matrix: Water

Calibration Date: 06/27/05 11:14

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Aroclor 1260 [4] [2C]	1010140	5.625	9.28125	0.03493			20	
Aroclor 1260 [5] [2C]	705852	5.004	9.58125	0.03534			20	
Aroclor 1260 [5] [2C]	705852	5.004	9.58125	0.03534			20	
TCX	8513130	5.06	4.56875	0.07603			20	
TCX	8513130	5.06	4.56875	0.07603			20	
TCX [2C]	1.01652E+07	4.8	4.61125	0.0785			20	
TCX [2C]	1.01652E+07	4.8	4.61125	0.0785			20	
Decachlorobiphenyl	4714240	7.758	10.9512	0.0323			20	
Decachlorobiphenyl	4714240	7.758	10.9512	0.0323			20	
Decachlorobiphenyl [2C]	7747420	5.231	10.7513	0.03255			20	
Decachlorobiphenyl [2C]	7747420	5.231	10.7513	0.03255			20	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Re

Calibration: 5062702

Laboratory ID: 5F22008-SCV2

Sequence: 5F22008

Standard ID: 4070222

ANALYTE	EXPECTED (ng/ml)	FOUND (ng/ml)	% DRIFT	QC LIMIT
Aroclor 1016	500	454	-9.20	20
Aroclor 1260	500	485	-3.00	20
TCX	50.0	49.0	-2.00	20
Decachlorobiphenyl	50.0	48.2	-3.60	20

* Values outside of QC limits

HOLDING TIME SUMMARY

EPA 8082

Laboratory: North Creek Analytical - Bothell

SDG:

Client: USACE - Alaska

Project: Northeast Cape White Alice BDDR Removal

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
05NEC31SLSL084	07/19/05 08:00	07/26/05 09:25	07/27/05 14:32	8	14	07/28/05 14:55	1	40	
05NEC31SLSL096	07/19/05 11:05	07/26/05 09:25	07/27/05 14:32	8	14	07/28/05 15:13	1	40	
05NEC31SLSL108	07/19/05 11:55	07/26/05 09:25	07/27/05 14:32	8	14	07/28/05 15:31	1	40	
05NEC31SLSL108	07/19/05 11:55	07/26/05 09:25	07/27/05 14:32	8	14	07/29/05 09:07	1	40	

B5G0543**USACE - Alaska**Report Date:
08/01/05 17:10

Project: Northeast Cape White Alice BDDR Re: Project#: [none]

CLIENT SAMPLES**DRAFT: Polychlorinated Biphenyls by EPA Method 8082 (US Army Corps of Engineers)**

Instrument	Method	Analyzed	FileID	LabNumber	Dil	Batch	Sequence	Calibration	Matrix	Initial	Final
ECD-6	EPA 8082	07/28/05 14:55	G28010.D	B5G0543-01	1	5G27062	5G28031	5062702	Soil	29.7	5
ECD-6	EPA 8082	07/28/05 15:13	G28011.D	B5G0543-02	1	5G27062	5G28031	5062702	Soil	30.4	5
ECD-6	EPA 8082	07/28/05 15:31	G28012.D	B5G0543-03	1	5G27062	5G28031	5062702	Soil	30.2	5
ECD-6	EPA 8082	07/29/05 09:07	G29004.D	B5G0543-03RE1	5	5G27062	5G29005	5062702	Soil	30.2	5

B5G0543**USACE - Alaska**Report Date:
08/01/05 17:10

Project: Northeast Cape White Alice BDDR Re: Project#: [none]

QC SAMPLES**DRAFT: Polychlorinated Biphenyls by EPA Method 8082 (US Army Corps of Engineers) - QC**

Instrument	Method	Analyzed	FileID	LabNumber	Sequence	Calibration	Matrix	Source
ECD-6	EPA 8082	07/28/05 13:05	G28004.D	5G27062-BLK2	5G28031	5062702	Soil	
ECD-6	EPA 8082	07/28/05 13:24	G28005.D	5G27062-BS2	5G28031	5062702	Soil	
ECD-6	EPA 8082	07/28/05 13:42	G28006.D	5G27062-BSD2	5G28031	5062702	Soil	
ECD-6	EPA 8082	07/28/05 14:00	G28007.D	5G27062-MS2	5G28031	5062702	Soil	B5G0492-03
ECD-6	EPA 8082	07/28/05 14:18	G28008.D	5G27062-MSD2	5G28031	5062702	Soil	B5G0492-03

Analysis Date: 7/28/05

Analyst: *CCV*

Instrument ID: *EC06*

Method: *8082*

Review Item	Yes	No	NA
Review prep bench sheet. Is it complete and were the samples properly batched? (Note exceptions on reverse side)	<input checked="" type="checkbox"/>		
Continuing Calibration Verification (Note any exceptions on reverse side)			
Is there a breakdown check for Pesticides every 12 hours?			<input checked="" type="checkbox"/>
In the breakdown check, is the breakdown $\leq 15\%$ for endrin and DDT on both columns?			<input checked="" type="checkbox"/>
Is the %R 85-115 or %D ≤ 15 for each analyte on both columns and for each CCV in the sequence?		<input checked="" type="checkbox"/>	
Have CCVs been analyzed at least every 20 injections and at the end of the sequence?	<input checked="" type="checkbox"/>		
Review chromatography. Are the compounds properly identified and are the baselines correctly drawn?	<input checked="" type="checkbox"/>		
If manually integrated, are they justifiable and are before & after hardcopies of the chros included with the data?	<input checked="" type="checkbox"/>		
Did the analyst initial and date the MIs?	<input checked="" type="checkbox"/>		
Method Blank (Note any exceptions on reverse side)			
Is the method blank free of any positive results (< one-half the MRL)?	<input checked="" type="checkbox"/>		
If not, is the blank <5% of sample results or are all associated samples non-detect for the affected analyte?	<input checked="" type="checkbox"/>		
Are the reporting limits correctly adjusted for amount extracted?	<input checked="" type="checkbox"/>		
Are the surrogate %Rs correctly calculated and within the control limits?	<input checked="" type="checkbox"/>		
If manually integrated, are they justifiable and are before & after hardcopies of the chros included with the data?	<input checked="" type="checkbox"/>		
Did the analyst initial and date the MIs?	<input checked="" type="checkbox"/>		
Review chromatography. Is the baseline correctly drawn?	<input checked="" type="checkbox"/>		
Sample Results (Note any exceptions on reverse side)			
Were the samples extracted and analyzed within holding time?	<input checked="" type="checkbox"/>		
Are the reported results correctly calculated? Check dilution factors, amount extracted & extract volume.	<input checked="" type="checkbox"/>		
Are dilution factors correctly documented on the raw data?	<input checked="" type="checkbox"/>		
Do the results from multiple analyses (dilutions included) of the same sample agree within reasonable limits?	<input checked="" type="checkbox"/>		
Do the results in Element match those from the quant report?	<input checked="" type="checkbox"/>		
Are the analyte peaks within the calculated RRT windows?	<input checked="" type="checkbox"/>		
Are all reported quantitated values within the linear range or qualified with an "E"?	<input checked="" type="checkbox"/>		
Are all positive results confirmed and P flagged as needed?	<input checked="" type="checkbox"/>		
Are the results correctly qualified, i.e., P, B, J, E?	<input checked="" type="checkbox"/>		
Are the surrogate %Rs correctly calculated and within the control limits?			<input checked="" type="checkbox"/>
If manually integrated, are they justifiable and are before & after hardcopies of the chros included with the data?		<input checked="" type="checkbox"/>	
Did the analyst initial and date the MIs?		<input checked="" type="checkbox"/>	
Review chromatography. Are the compounds properly identified and are the baselines correctly drawn?	<input checked="" type="checkbox"/>		
BS/BSD/MS/MSD (Note any exceptions on reverse side)			
Review chromatography. Are the compounds properly identified and are the baselines correctly drawn?	<input checked="" type="checkbox"/>		
Are the sample and spiked results correctly calculated?	<input checked="" type="checkbox"/>		
Are the %Rs and RPDs correctly calculated and within control limits?	<input checked="" type="checkbox"/>		
Are the surrogate %Rs correctly calculated and within control limits?	<input checked="" type="checkbox"/>		
If manually integrated, are they justifiable and are before & after hardcopies of the chros included with the data?			
Did the analyst initial and date the MIs?			
Is a MintMiner report present?	<input checked="" type="checkbox"/>		
Were any trends identified in your review of the associated control chart?	<input checked="" type="checkbox"/>		
Are the results correctly qualified?	<input checked="" type="checkbox"/>		
Does the NCR accurately describe all non-compliant issues and the actions taken?	<input checked="" type="checkbox"/>		

Comments: *2nd and endrin caps open front column only.*
2BSG0977-8 DCB not due to sample water

I certify that this analytical batch meets all the requirements set forth in the appropriate SOPs with the exceptions noted above.

Analyst Signature: *[Signature]*

Date: *7/29/05*

I certify that this analytical batch has been thoroughly reviewed and all reportable results meet the requirements set forth in the appropriate SOPs with the exceptions noted above.

Reviewer Signature: *[Signature]*

Date: *07/29/05*

Injection Log

Directory: C:\MSDCHEM2\DATA\072805

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	96	G28001.d	0.	5G28031-IBL1	1x	Unrecognized:Un
2	96	G28002.d	0.	5G28031-IBL2	1x	28 Jul 2005 10:15
3	100	G28003.d	0.	5G28031-CCV1 <i>OK</i>	1x 5060009	28 Jul 2005 11:12
4	1	G28004.d	0.	5G27062-BLK2	1x	Unrecognized:Un
5	2	G28005.d	0.	5G27062-BS2	1x	Unrecognized:Un
6	3	G28006.d	0.	5G27062-BSD2	1x	Unrecognized:Un
7	4	G28007.d	0.	5G27062-MS2	1x	Unrecognized:Un
8	5	G28008.d	0.	5G27062-MSD2	1x	Unrecognized:Un
9	6	G28009.d	0.	B5G0492-03	1x	Unrecognized:Un
10	7	G28010.d	0.	B5G0543-01	1x	Unrecognized:Un
11	8	G28011.d	0.	B5G0543-02	1x	Unrecognized:Un
12	9	G28012.d	0.	B5G0543-03	1x	Unrecognized:Un
13	100	G28013.d	0.	5G28031-CCV2	1x 5060009	Unrecognized:Un
14	100	G28014.d	0.	5G28031-CCV3 <i>OK, Bont</i>	1x 5060009	Unrecognized:Un
15	10	G28015.d	0.	B5G0492-06	1x	Unrecognized:Un
16	11	G28016.d	0.	B5G0492-08	1x	Unrecognized:Un
17	12	G28017.d	0.	B5G0492-07	1x	Unrecognized:Un
18	13	G28018.d	0.	B5G0492-01	1x	Unrecognized:Un
19	14	G28019.d	0.	B5G0492-02	1x	Unrecognized:Un
20	15	G28020.d	0.	B5G0492-04	1x	Unrecognized:Un
21	16	G28021.d	0.	B5G0492-05	1x	Unrecognized:Un
22	100	G28022.d	0.	5G28031-CCV4	1x 5060009	Unrecognized:Un
23	100	G28023.d	0.	5G28031-CCV5 <i>OK, Bont</i>	1x 5060009	Unrecognized:Un
24	99	G28024.d	0.	5G28031-IBL3	1x	Unrecognized:Un

acc 7.29.05
Hexane lot # 046233

Data Path : C:\MSDCHEM\2\DATA\072805\

Data File : G28003.D

Acq On : 28 Jul 2005 11:12

Operator: eg

Sample : 5G28031-CCV1

Inst : ECD-6

Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH

Misc : 1x 5060009

Multiplr: 1.00

Integration File signal 1: AUTOINT1.E

Integration File signal 2: 1016#3.E

Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M

Quant Title : Method 8082 - 1016/1260 Initial Calibration

Quant Time: Jul 29 06:48:02 2005

QLast Update : Wed Jul 27 10:30:03 2005

Response via : Initial Calibration

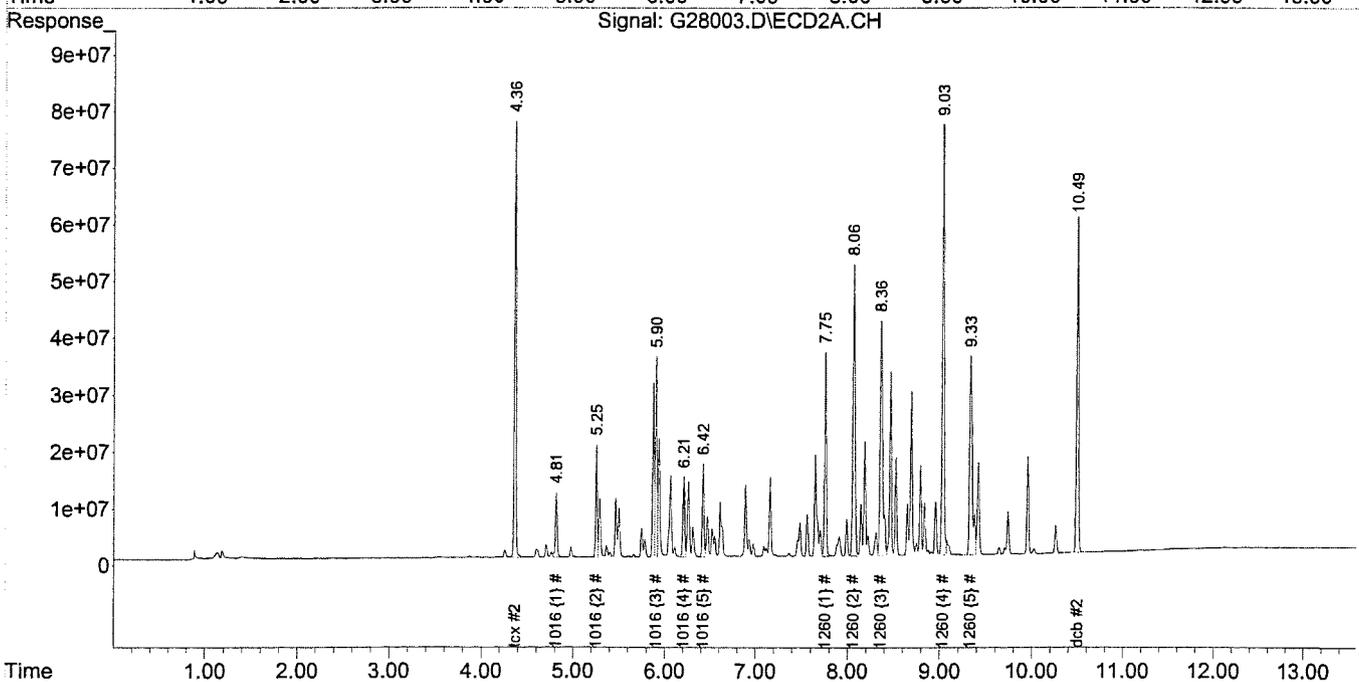
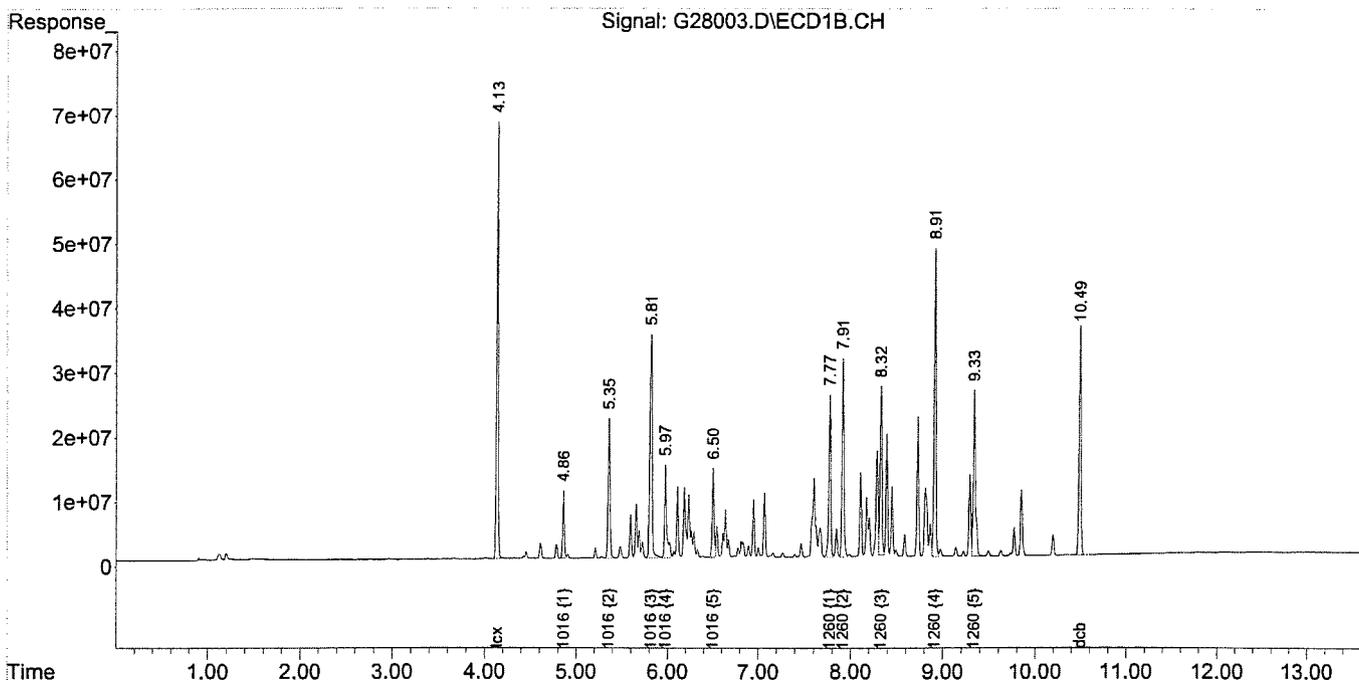
Volume Inj. :

Signal #1 Phase :

Signal #2 Phase:

Signal #1 Info :

Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\072805\

Data File : G28003.D

Acq On : 28 Jul 2005 11:12

Operator: eg

Sample : 5G28031-CCV1

Inst : ECD-6

Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH

Misc : 1x 5060009

Multiplr: 1.00

Integration File signal 1: AUTOINT1.E

Integration File signal 2: 1016#3.E

Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M

Quant Title : Method 8082 - 1016/1260 Initial Calibration

Quant Time: Jul 29 06:40:00 2005

QLast Update : Wed Jul 27 10:30:03 2005

Response via : Initial Calibration

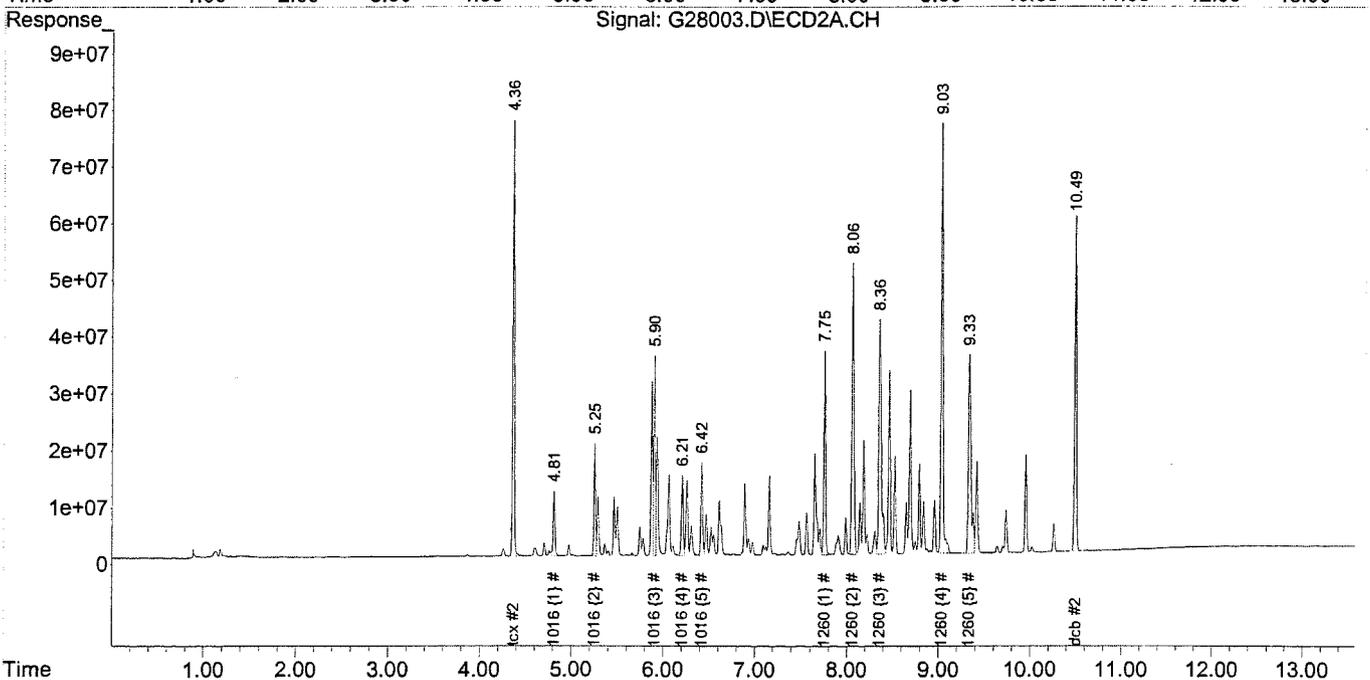
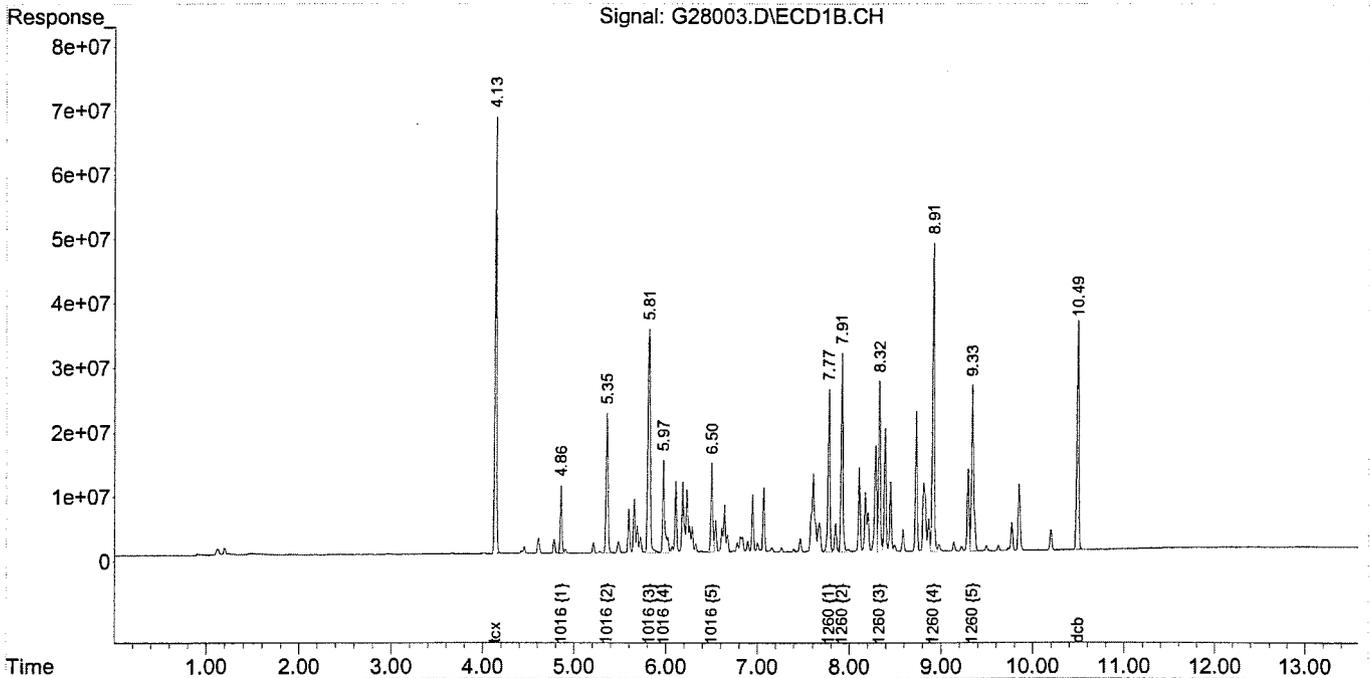
Volume Inj. :

Signal #1 Phase :

Signal #2 Phase:

Signal #1 Info :

Signal #2 Info :

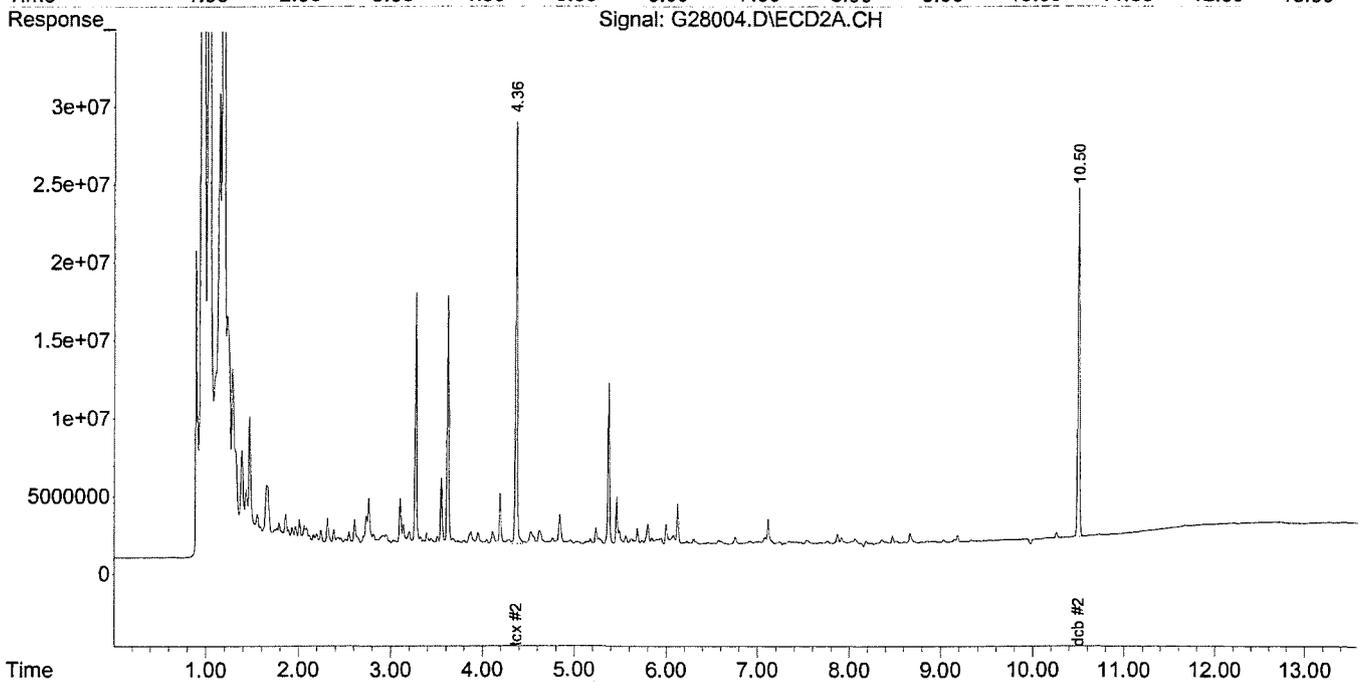
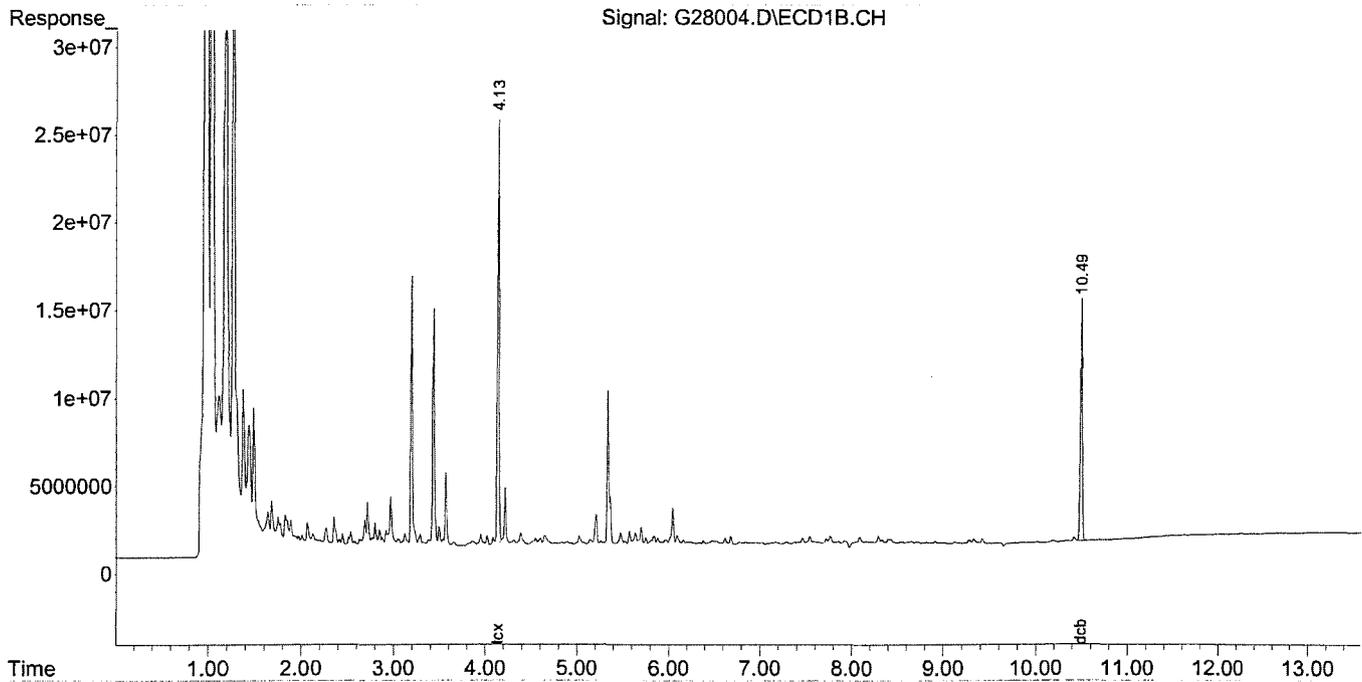


Data Path : C:\MSDCHEM\2\DATA\072805\
 Data File : G28004.D
 Acq On : 28 Jul 2005 13:05
 Sample : 5G27062-BLK2
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 06:51:00 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

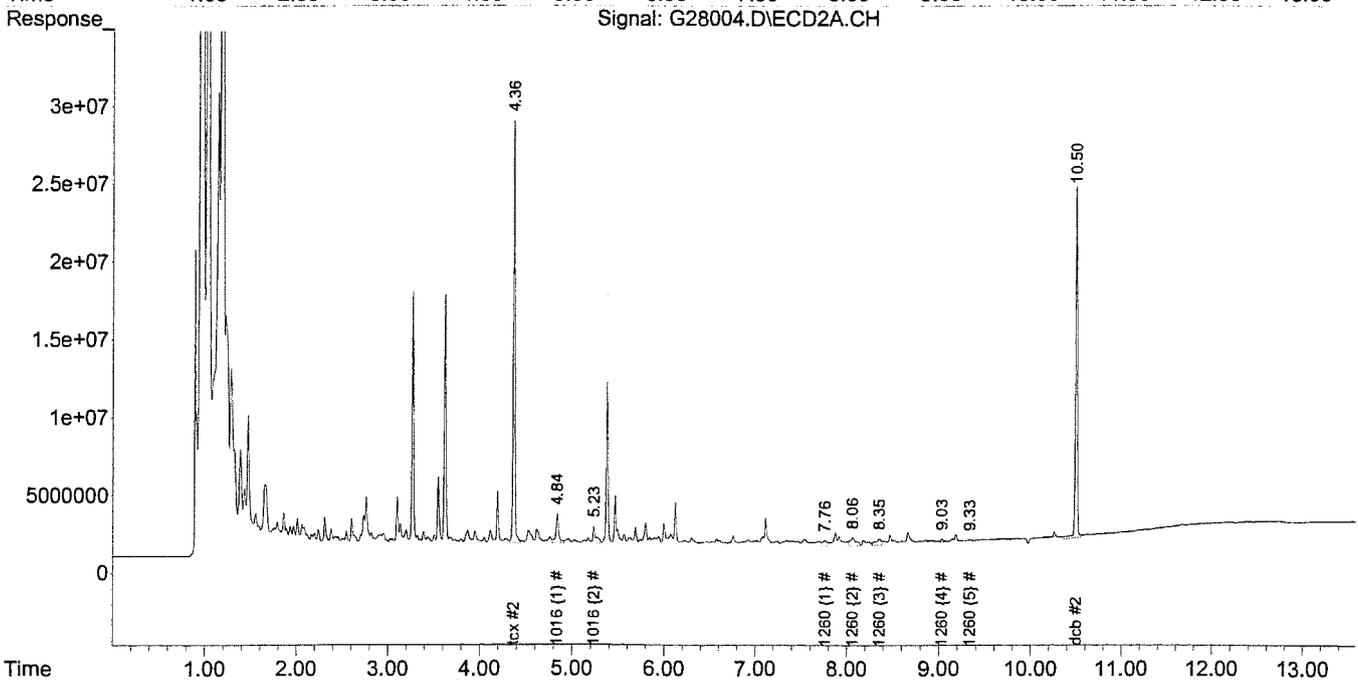
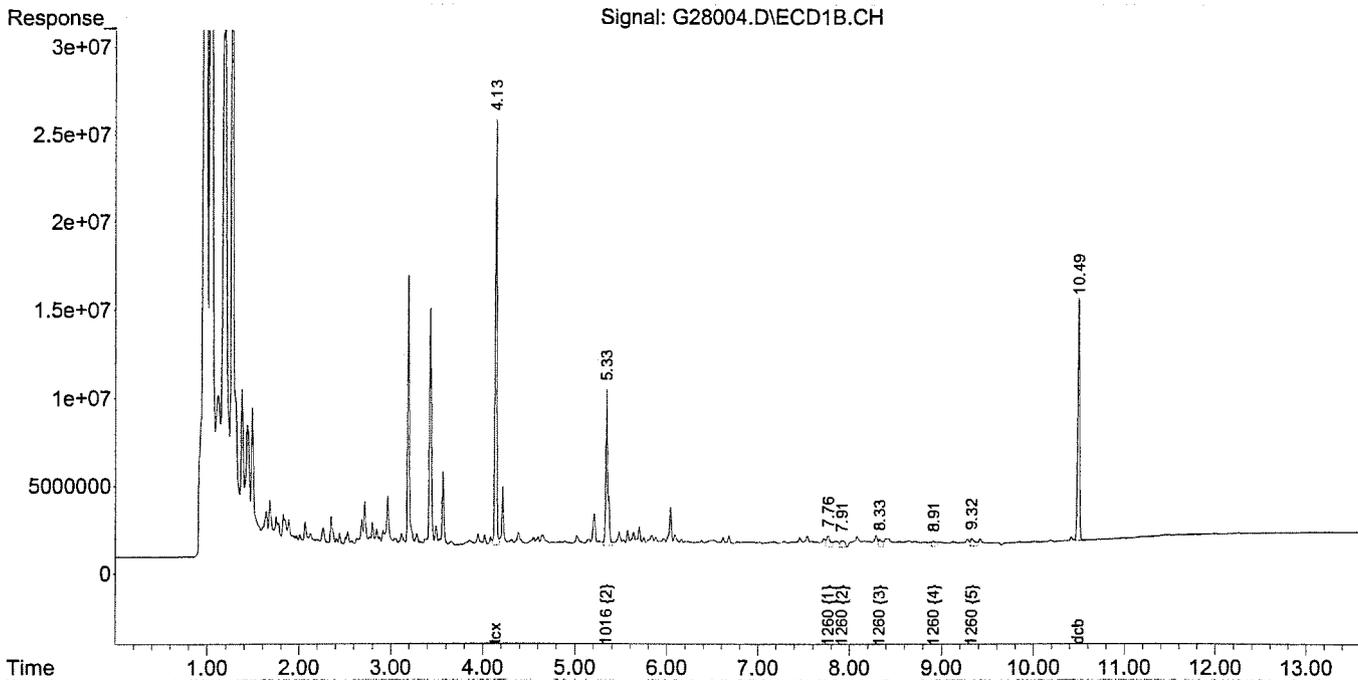
Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\072805\
Data File : G28004.D
Acq On : 28 Jul 2005 13:05 Operator: eg
Sample : 5G27062-BLK2 Inst : ECD-6
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Misc : 1x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
Integration File signal 2: 1016#3.E
Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
Quant Title : Method 8082 - 1016/1260 Initial Calibration
Quant Time: Jul 29 06:40:10 2005
QLast Update : Wed Jul 27 10:30:03 2005
Response via : Initial Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

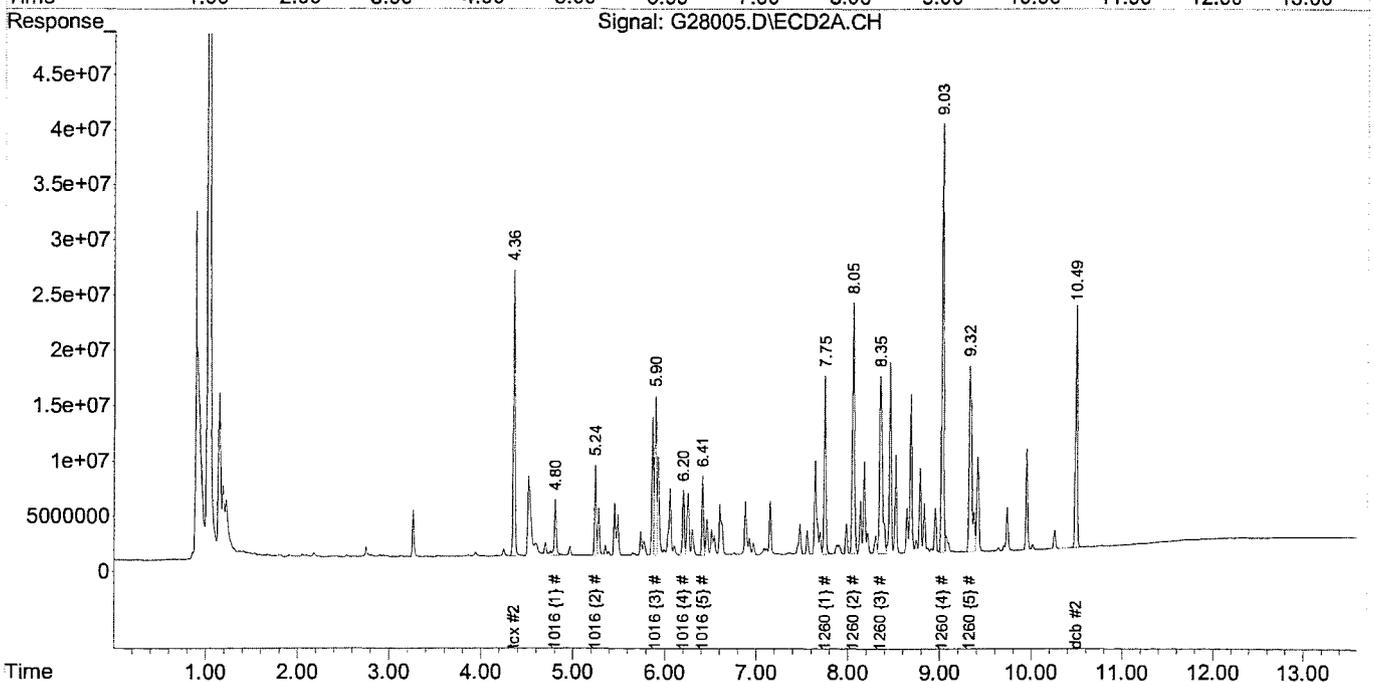
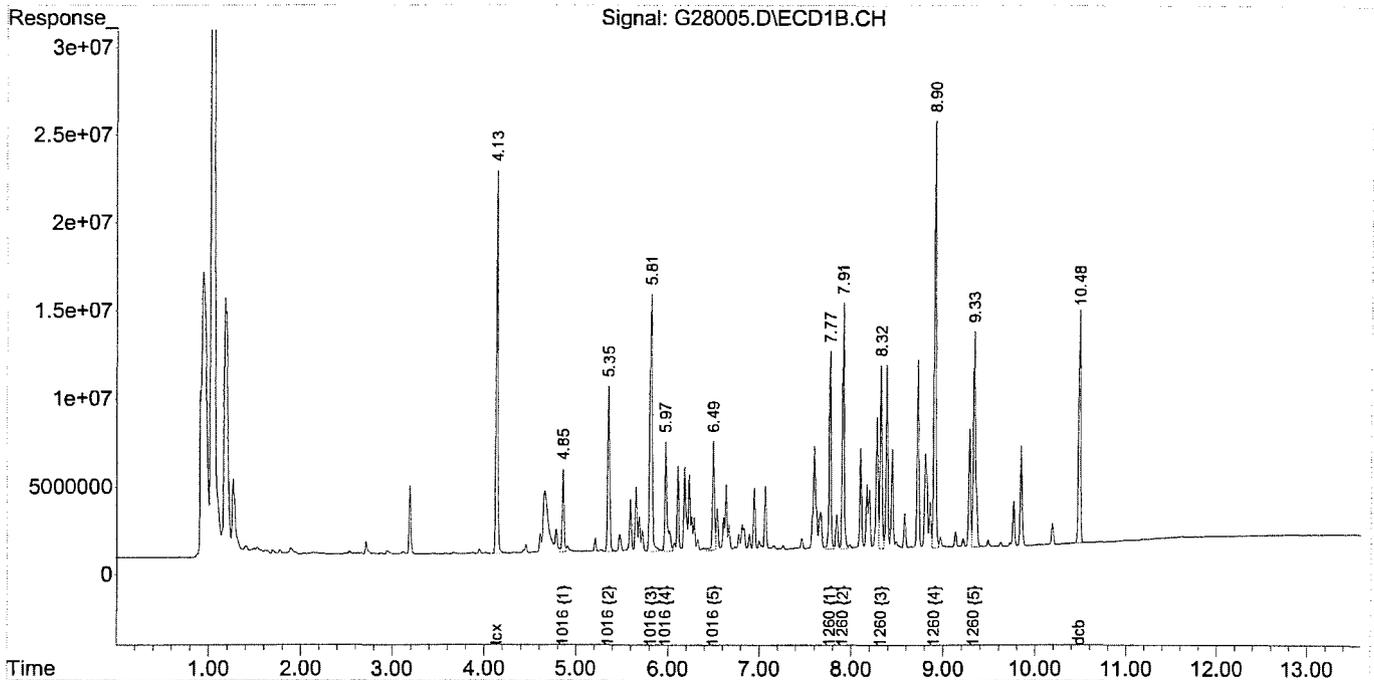


Data Path : C:\MSDCHEM\2\DATA\072805\
 Data File : G28005.D
 Acq On : 28 Jul 2005 13:24
 Sample : 5G27062-BS2
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 06:51:26 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

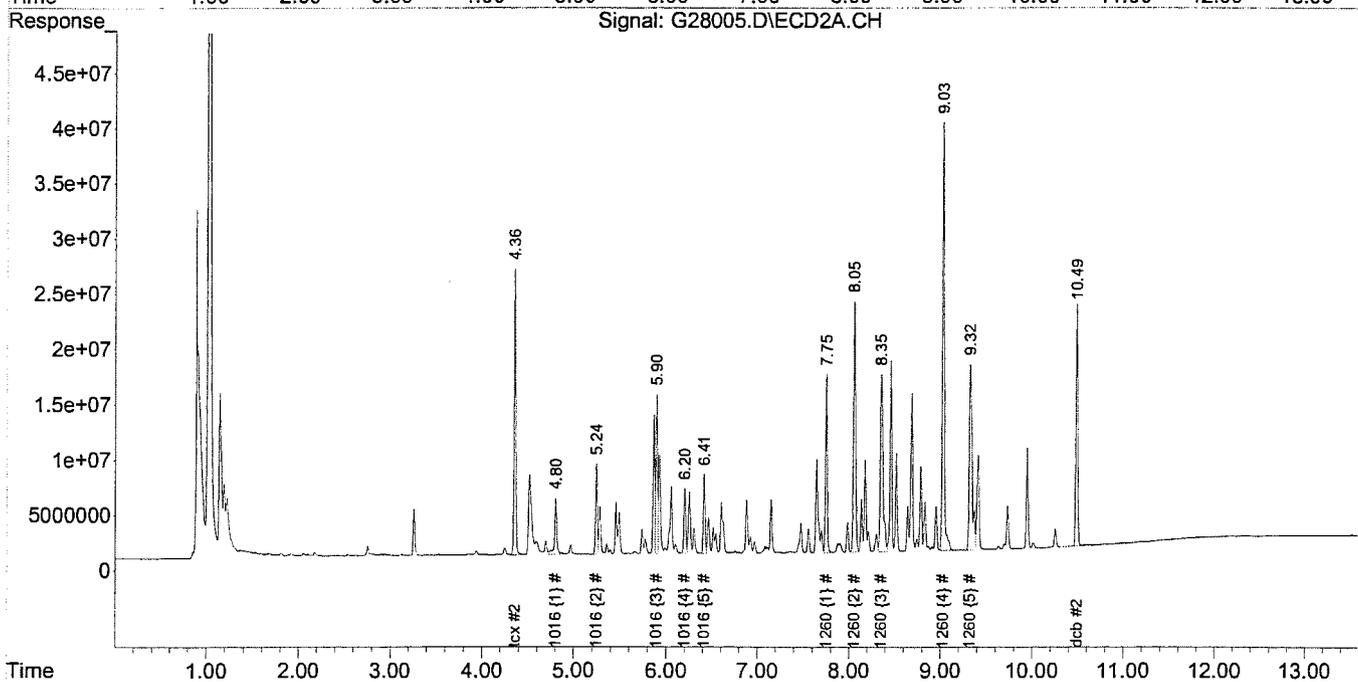
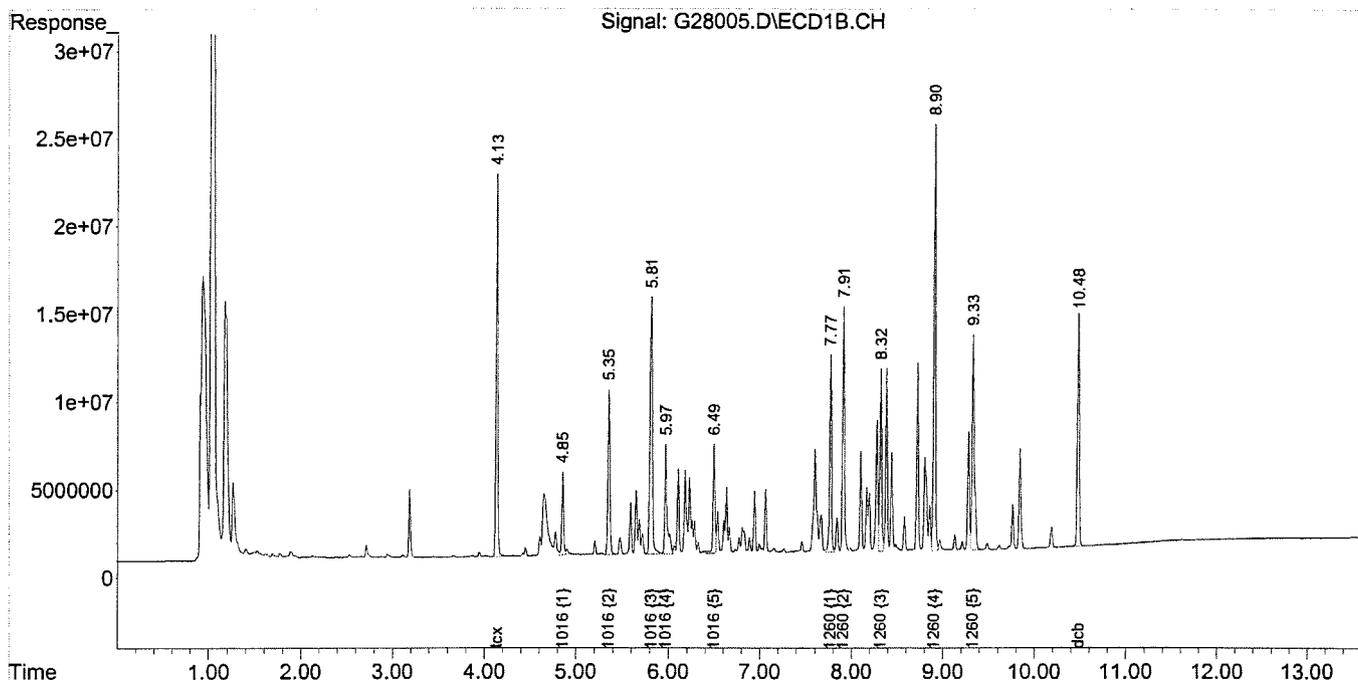
Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\072805\
 Data File : G28005.D
 Acq On : 28 Jul 2005 13:24 Operator: eg
 Sample : 5G27062-BS2 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 06:40:20 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

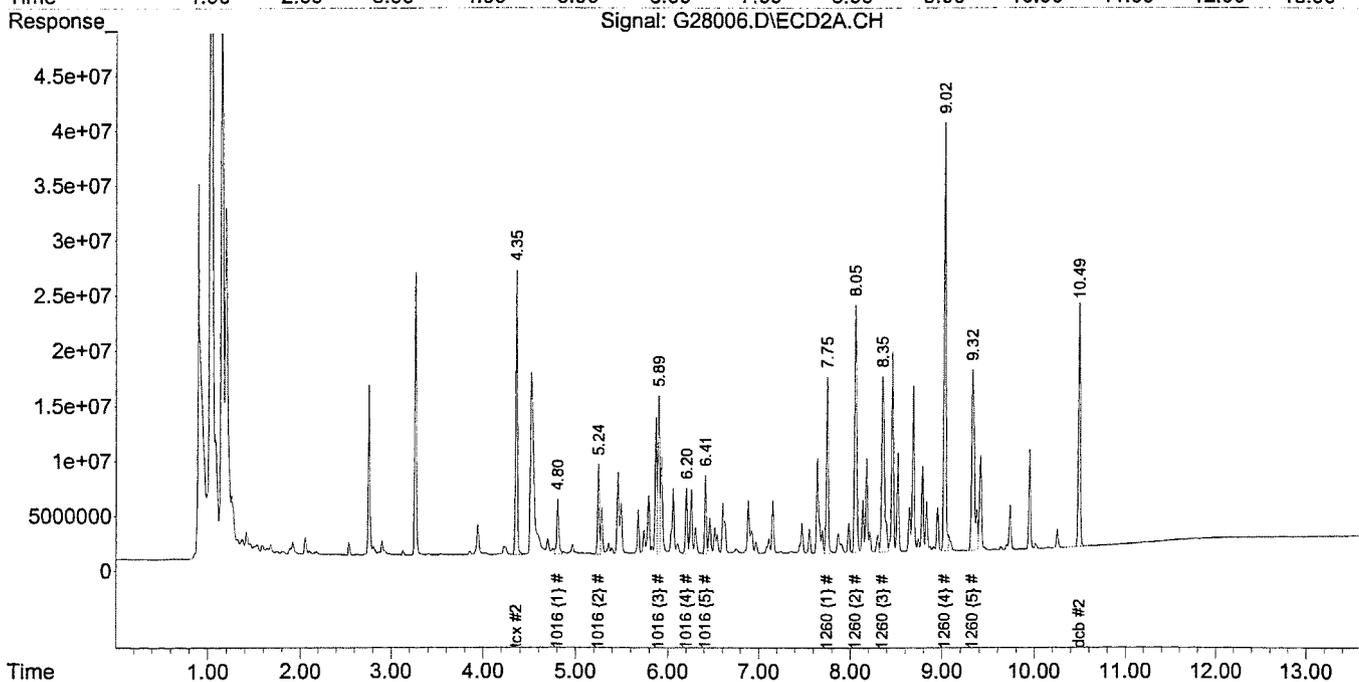
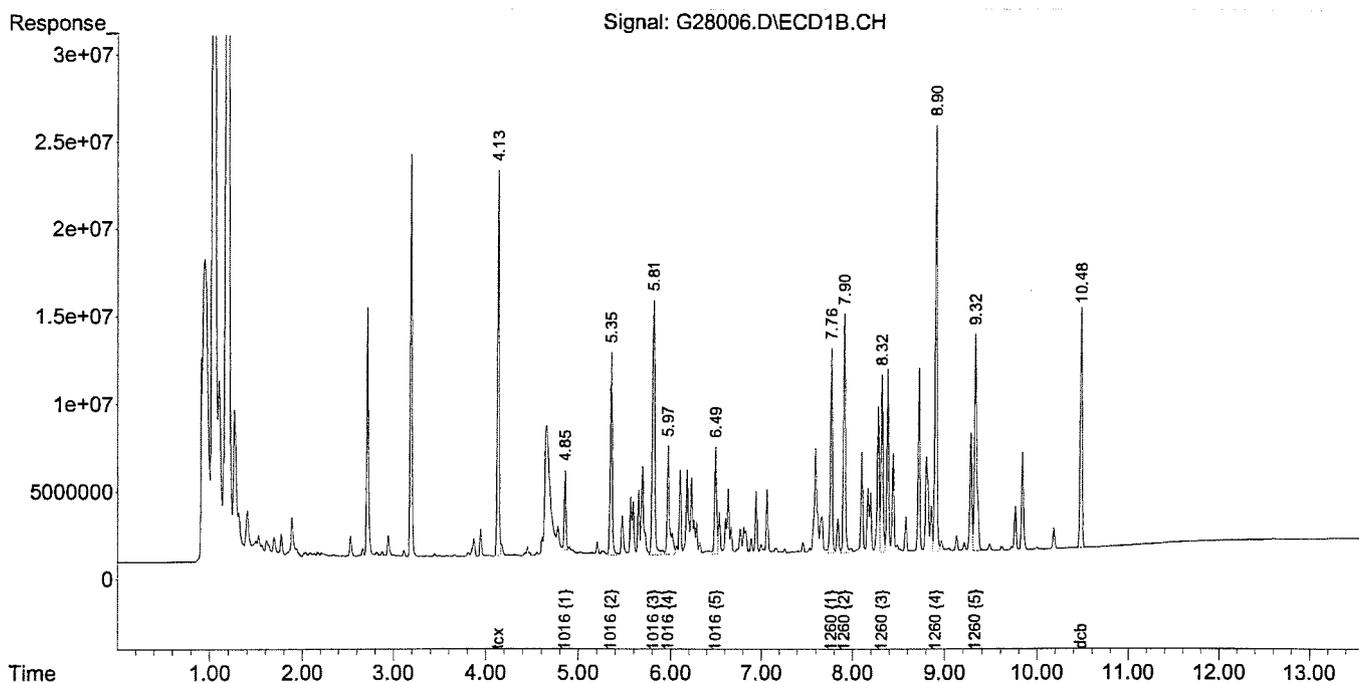


Data Path : C:\MSDCHEM\2\DATA\072805\
 Data File : G28006.D
 Acq On : 28 Jul 2005 13:42
 Sample : 5G27062-BSD2
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 06:51:56 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

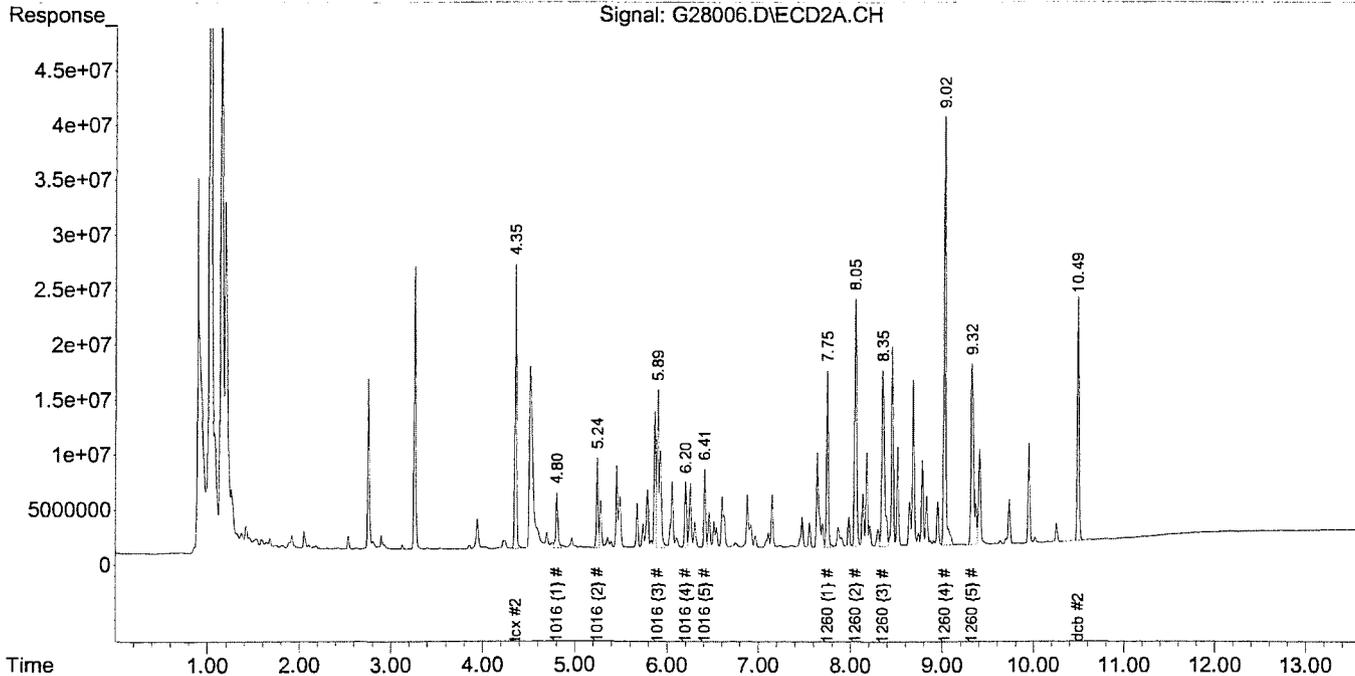
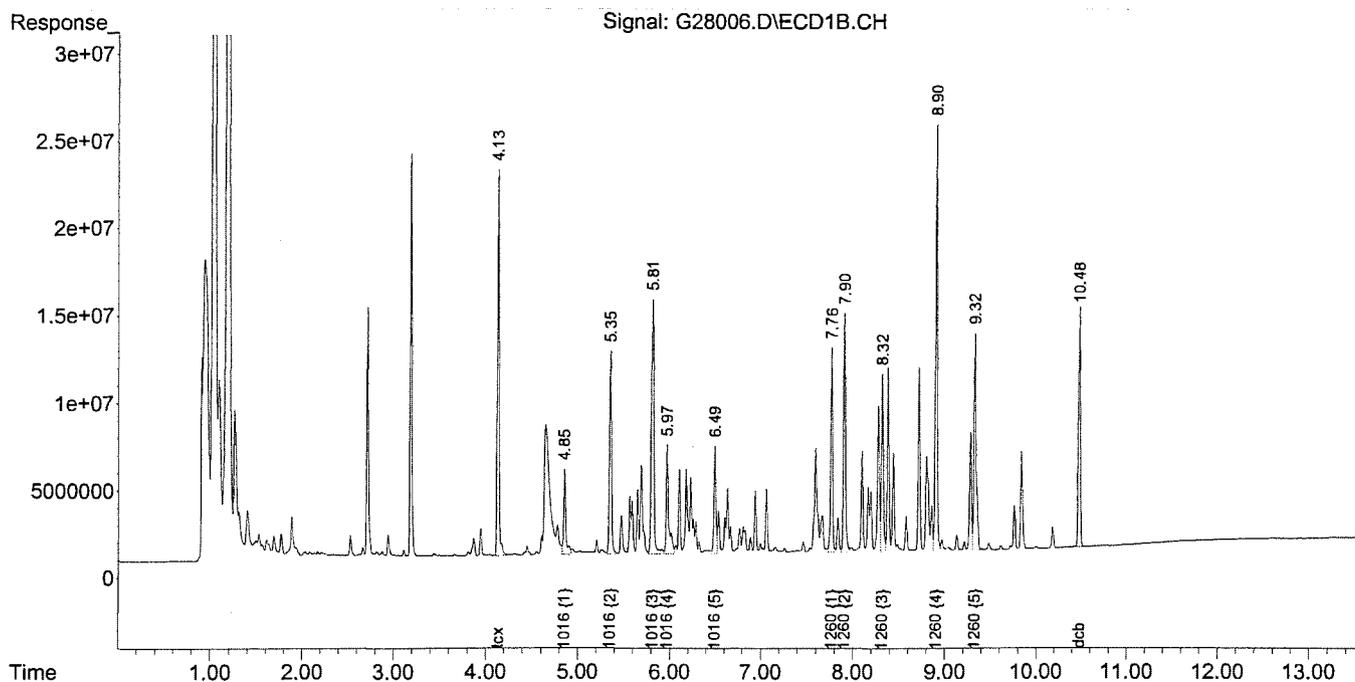


Data Path : C:\MSDCHEM\2\DATA\072805\
 Data File : G28006.D
 Acq On : 28 Jul 2005 13:42
 Sample : 5G27062-BSD2
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 06:40:30 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

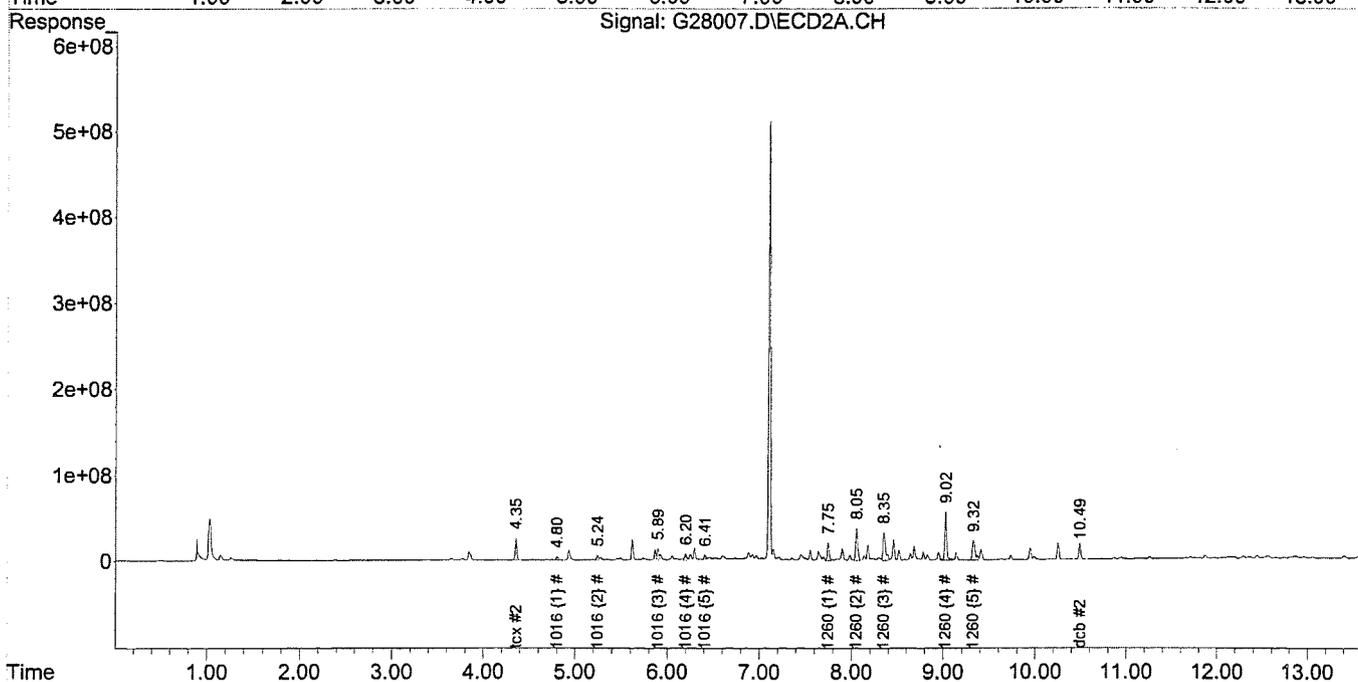
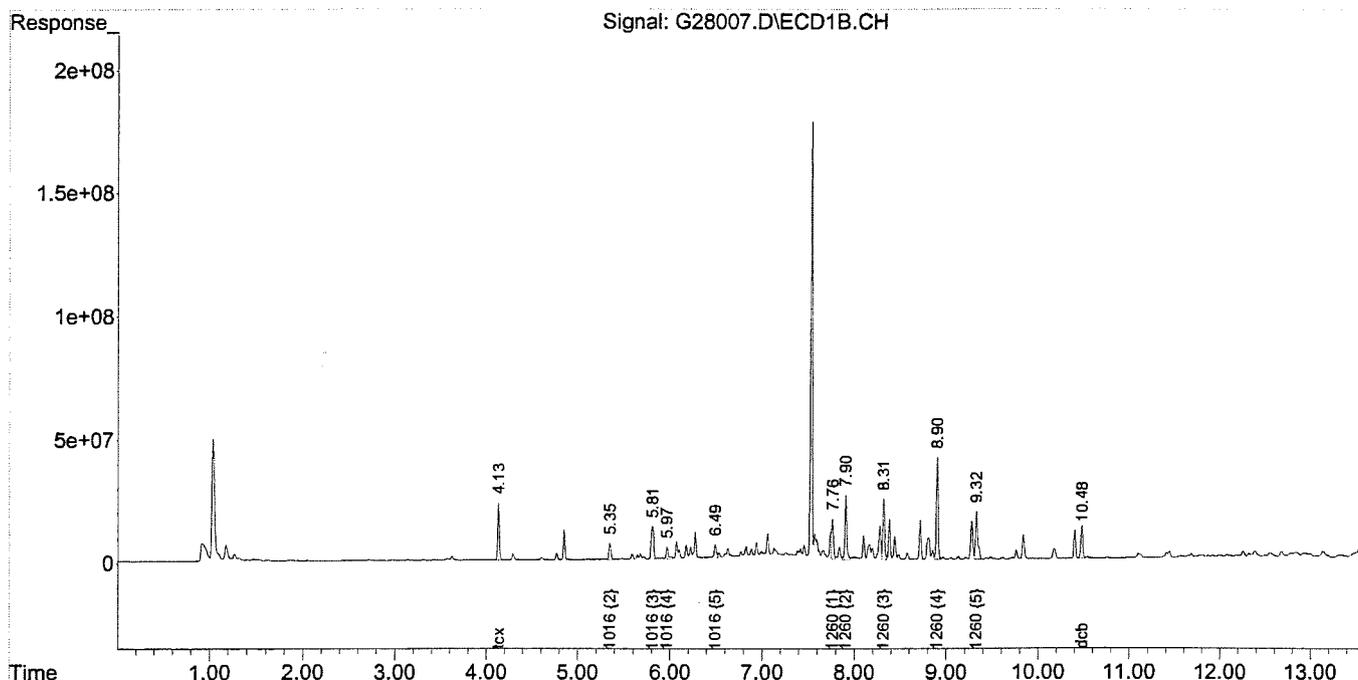


Data Path : C:\MSDCHEM\2\DATA\072805\
 Data File : G28007.D
 Acq On : 28 Jul 2005 14:00
 Sample : 5G27062-MS2
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 06:52:41 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\072805\

Data File : G28007.D

Acq On : 28 Jul 2005 14:00

Sample : 5G27062-MS2

Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH

Misc : 1x

Operator: eg

Inst : ECD-6

Multiplr: 1.00

Integration File signal 1: AUTOINT1.E

Integration File signal 2: 1016#3.E

Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M

Quant Title : Method 8082 - 1016/1260 Initial Calibration

Quant Time: Jul 29 06:40:40 2005

QLast Update : Wed Jul 27 10:30:03 2005

Response via : Initial Calibration

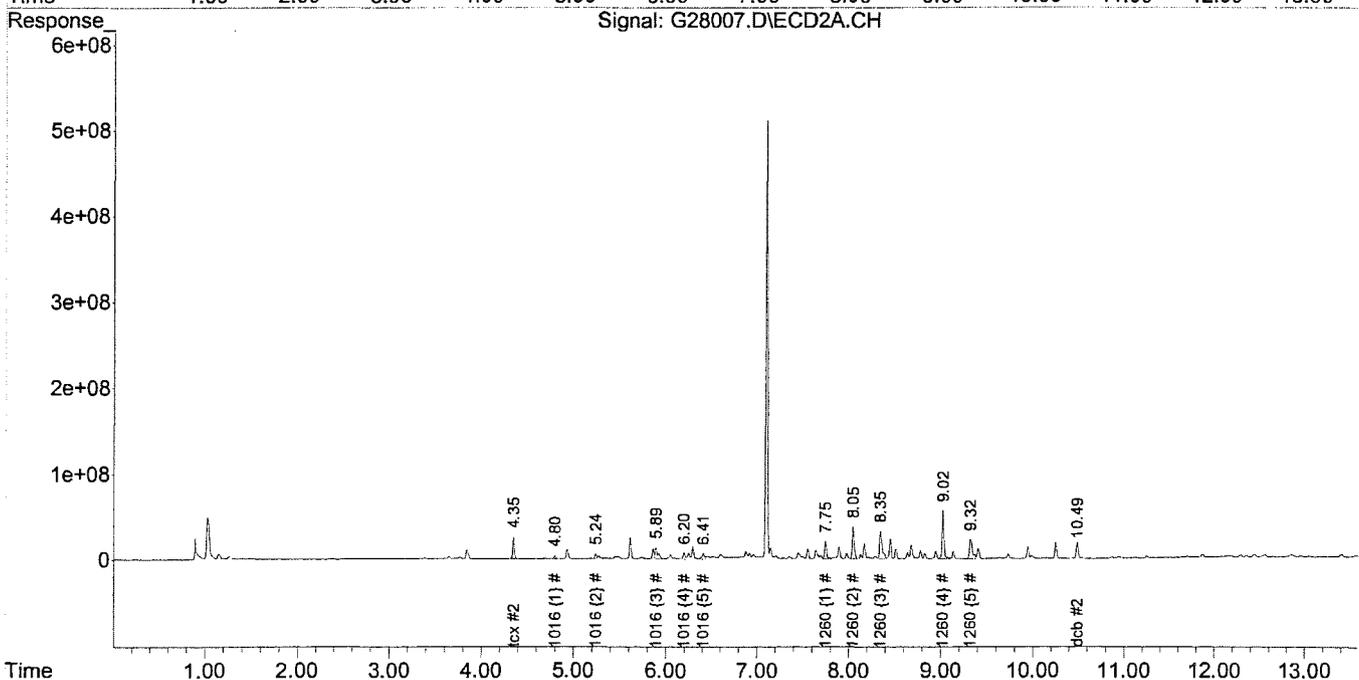
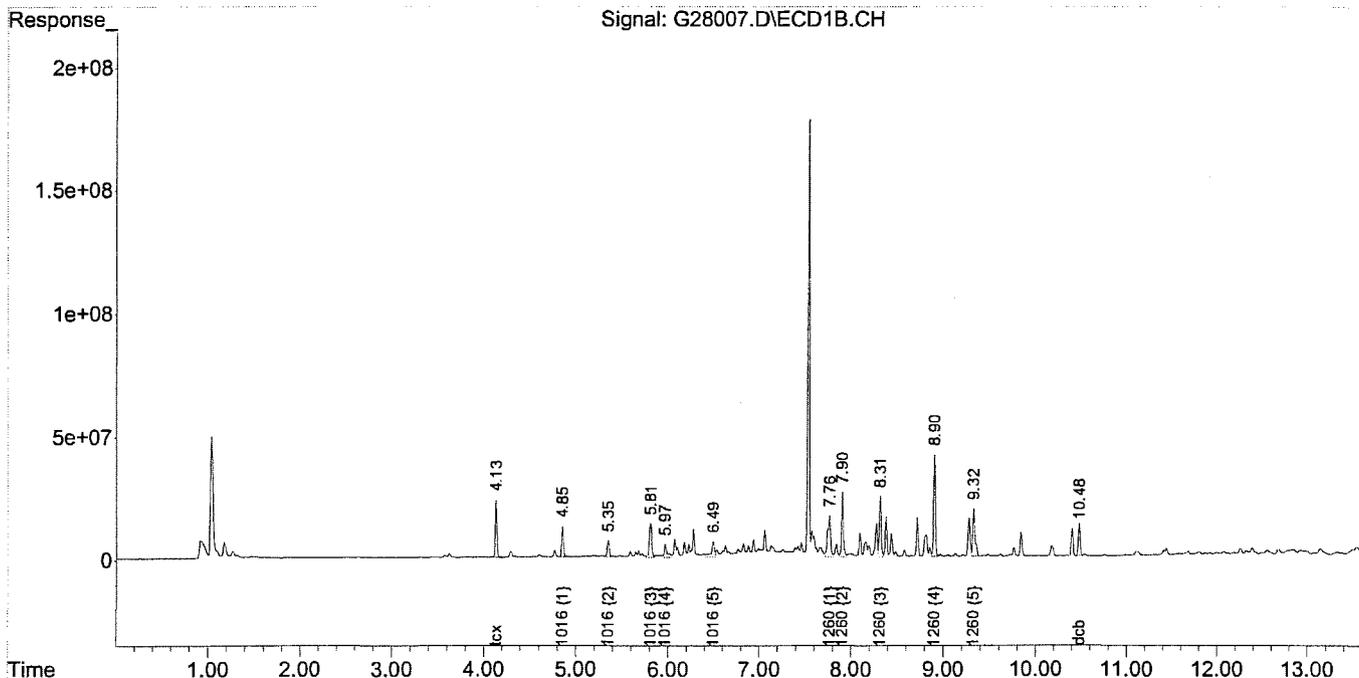
Volume Inj. :

Signal #1 Phase :

Signal #1 Info :

Signal #2 Phase:

Signal #2 Info :

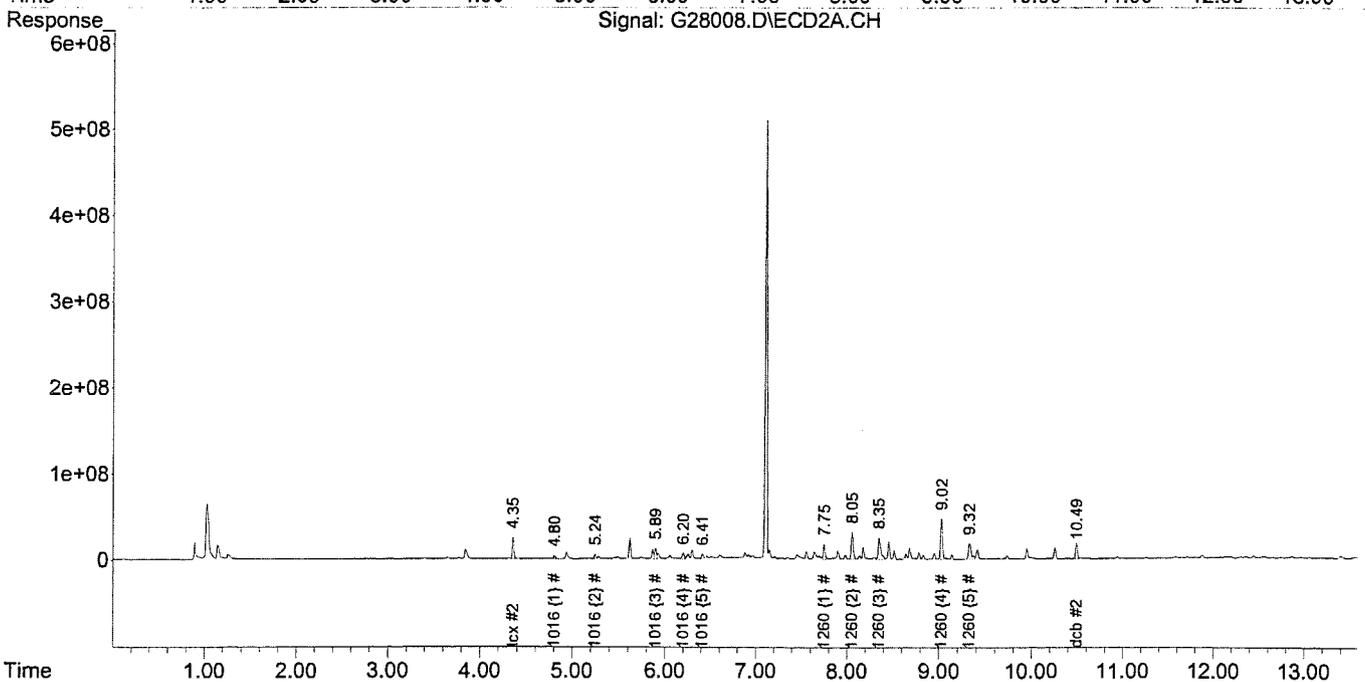
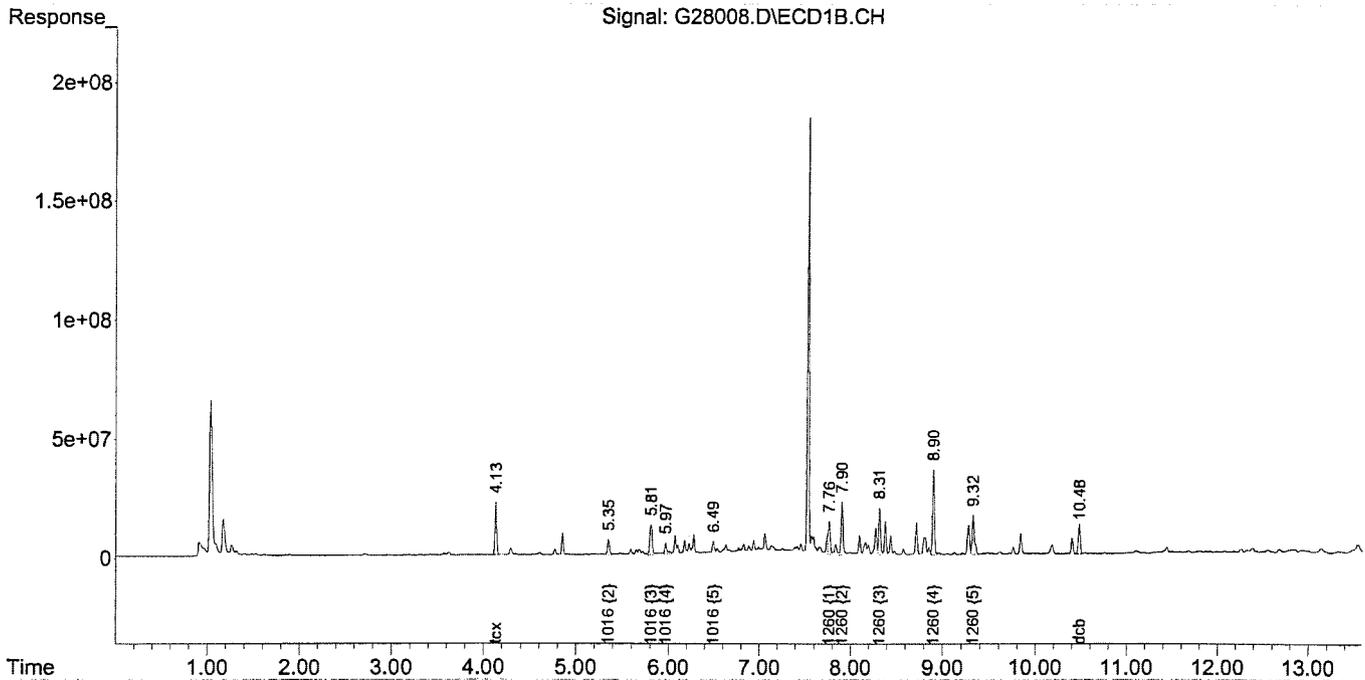


Data Path : C:\MSDCHEM\2\DATA\072805\
 Data File : G28008.D
 Acq On : 28 Jul 2005 14:18
 Sample : 5G27062-MSD2
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 06:53:30 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\072805\

Data File : G28008.D

Acq On : 28 Jul 2005 14:18

Operator: eg

Sample : 5G27062-MSD2

Inst : ECD-6

Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH

Misc : 1x

Multiplr: 1.00

Integration File signal 1: AUTOINT1.E

Integration File signal 2: 1016#3.E

Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M

Quant Title : Method 8082 - 1016/1260 Initial Calibration

Quant Time: Jul 29 06:40:49 2005

QLast Update : Wed Jul 27 10:30:03 2005

Response via : Initial Calibration

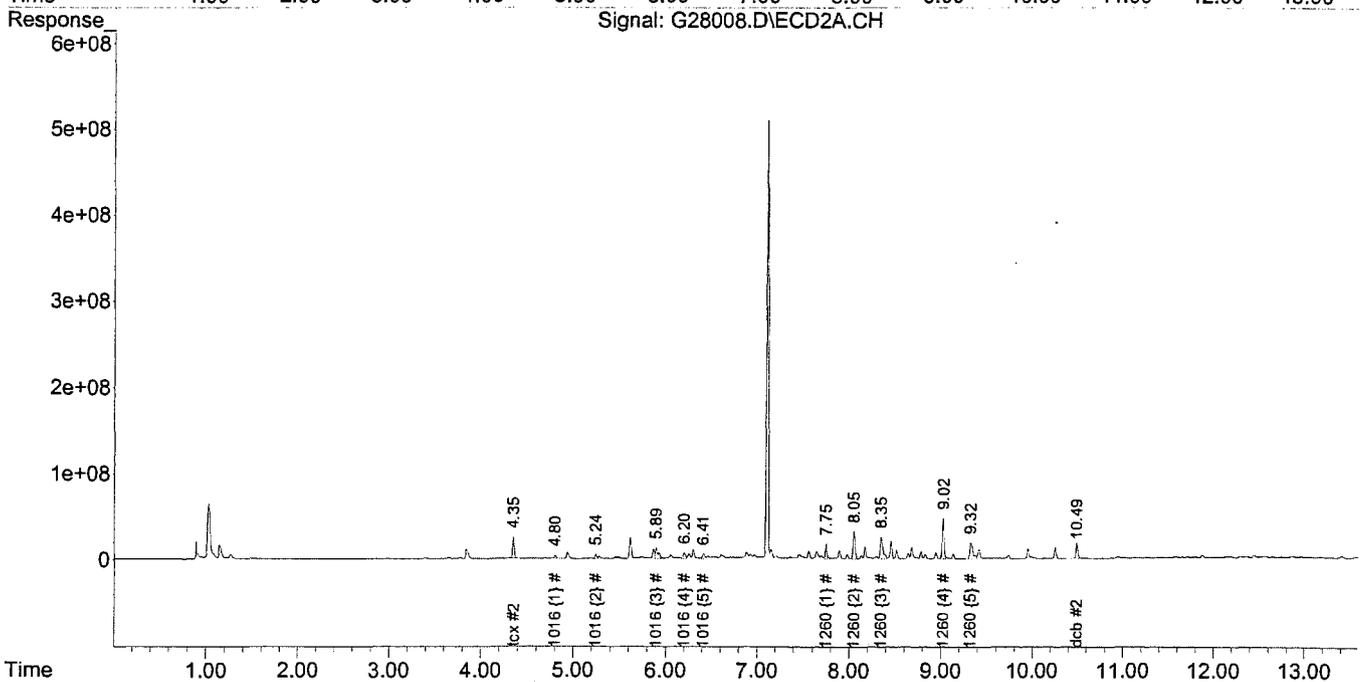
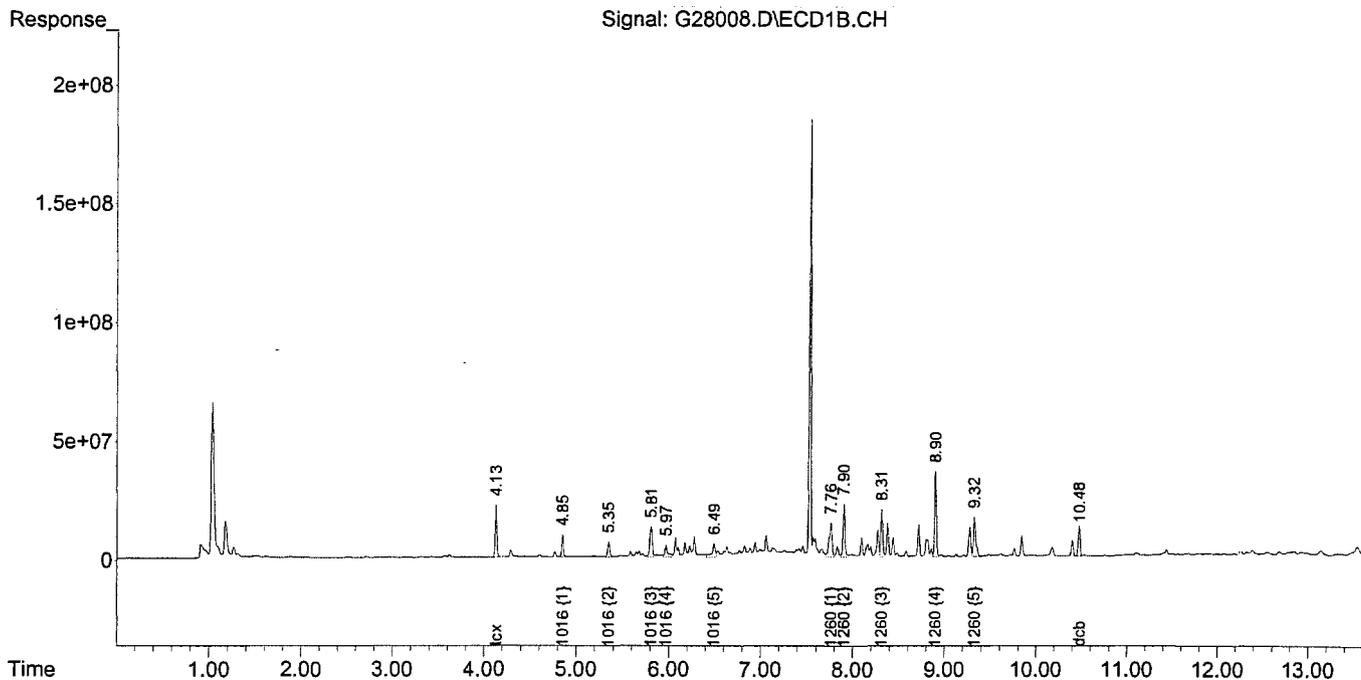
Volume Inj. :

Signal #1 Phase :

Signal #2 Phase:

Signal #1 Info :

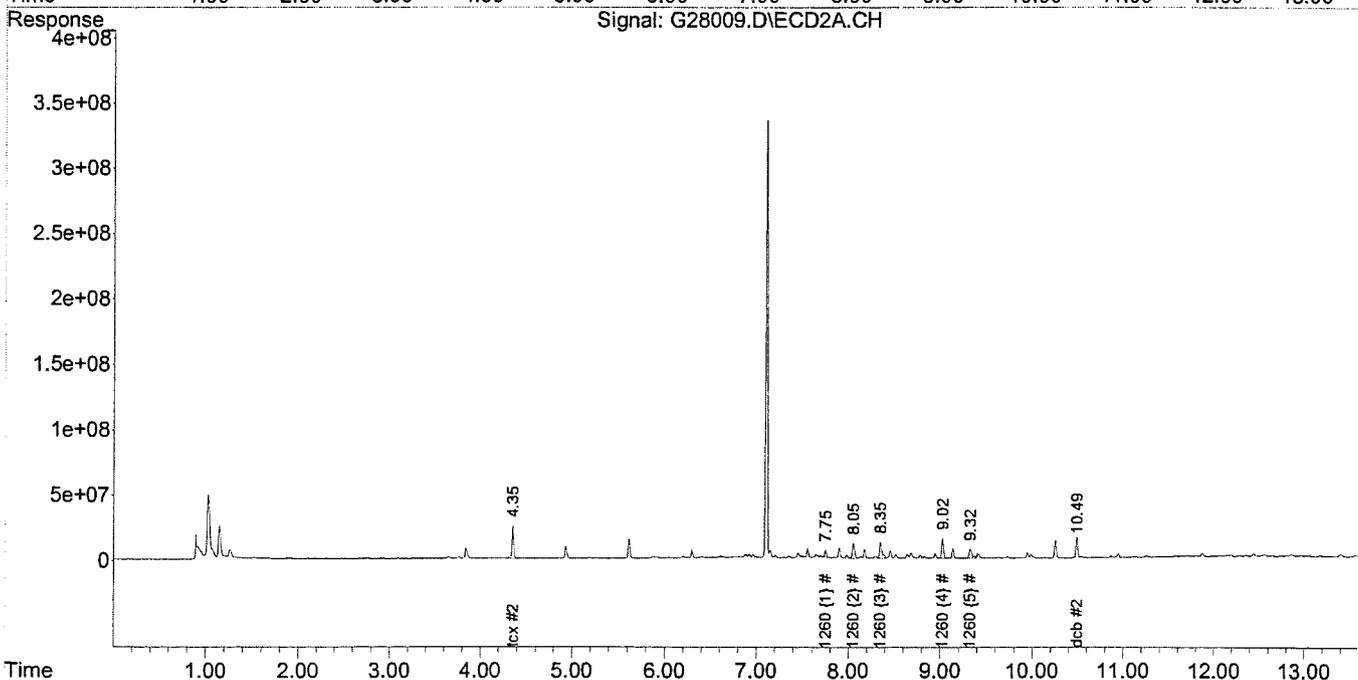
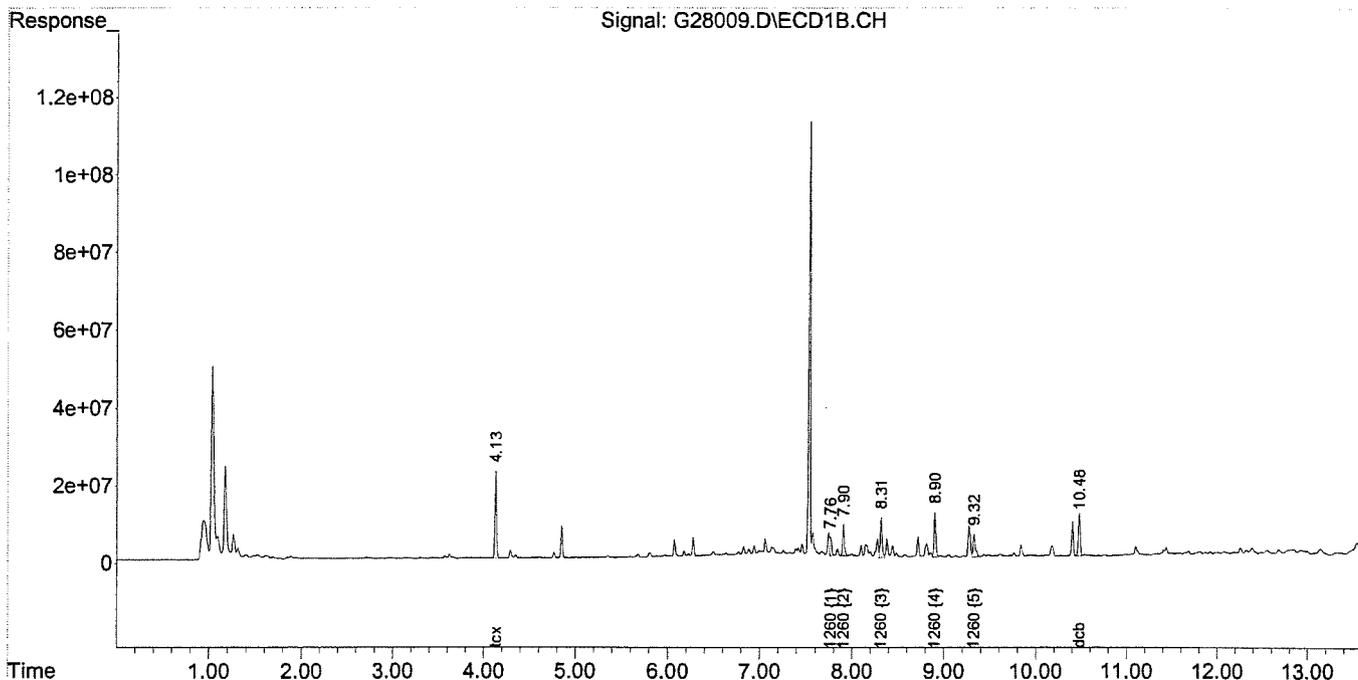
Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\072805\
 Data File : G28009.D
 Acq On : 28 Jul 2005 14:37 Operator: eg
 Sample : B5G0492-03 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 06:54:08 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

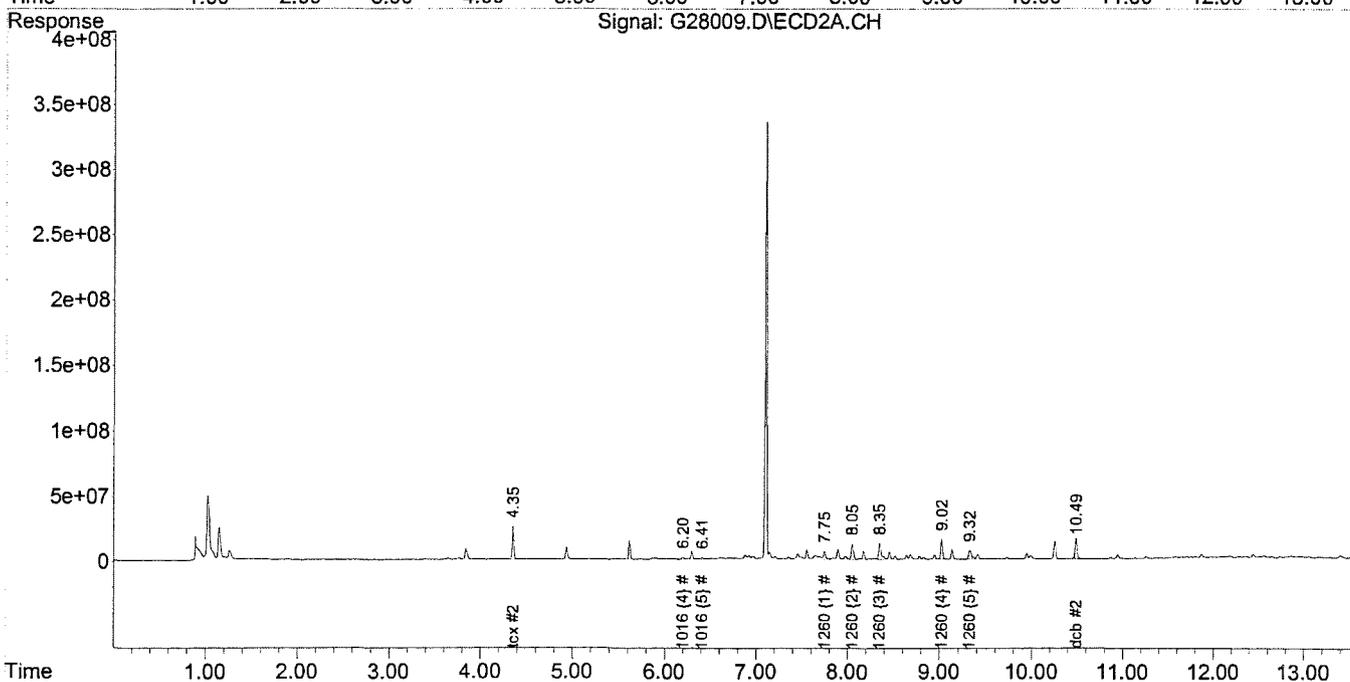
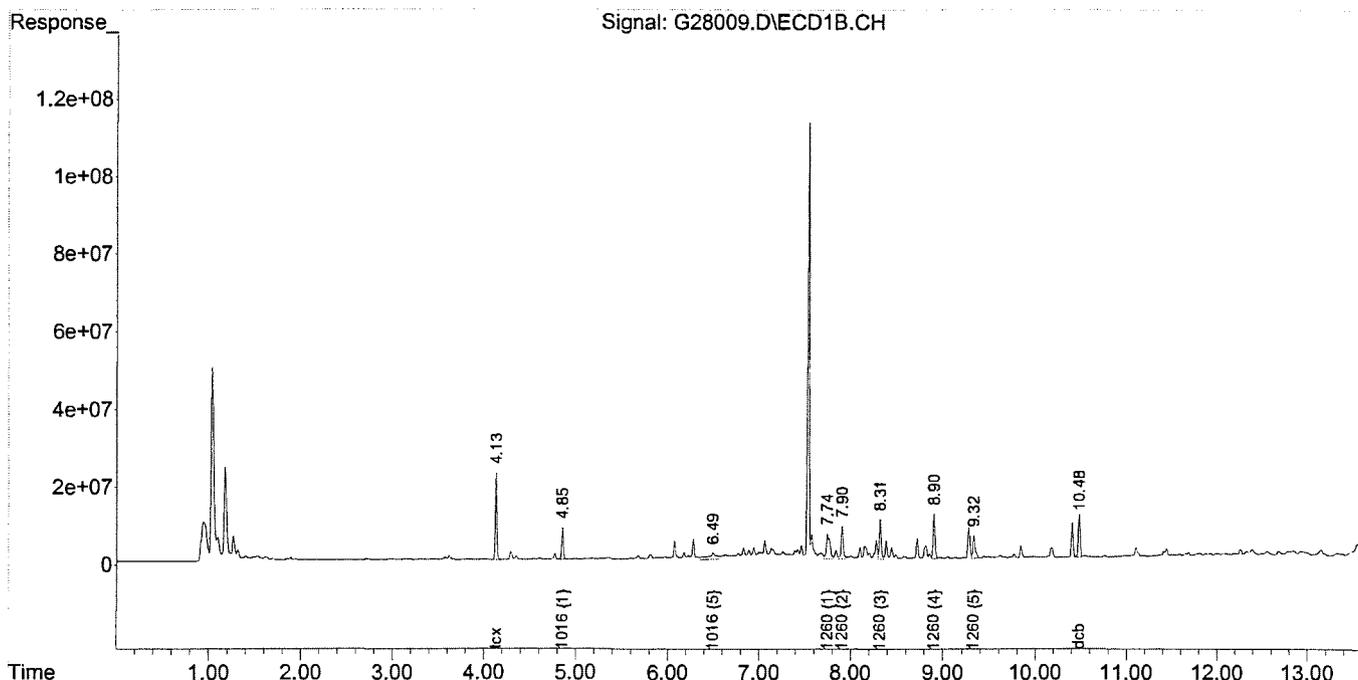
Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\072805\
 Data File : G28009.D
 Acq On : 28 Jul 2005 14:37 Operator: eg
 Sample : B5G0492-03 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 06:40:59 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

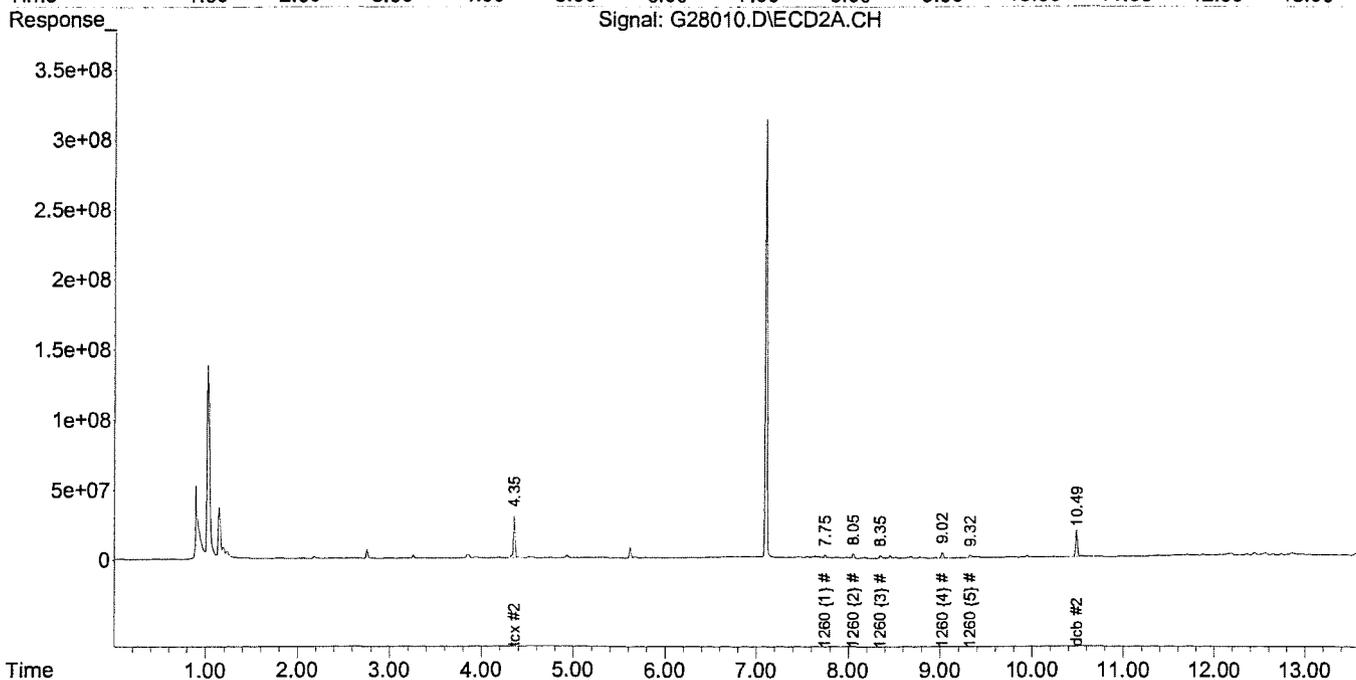
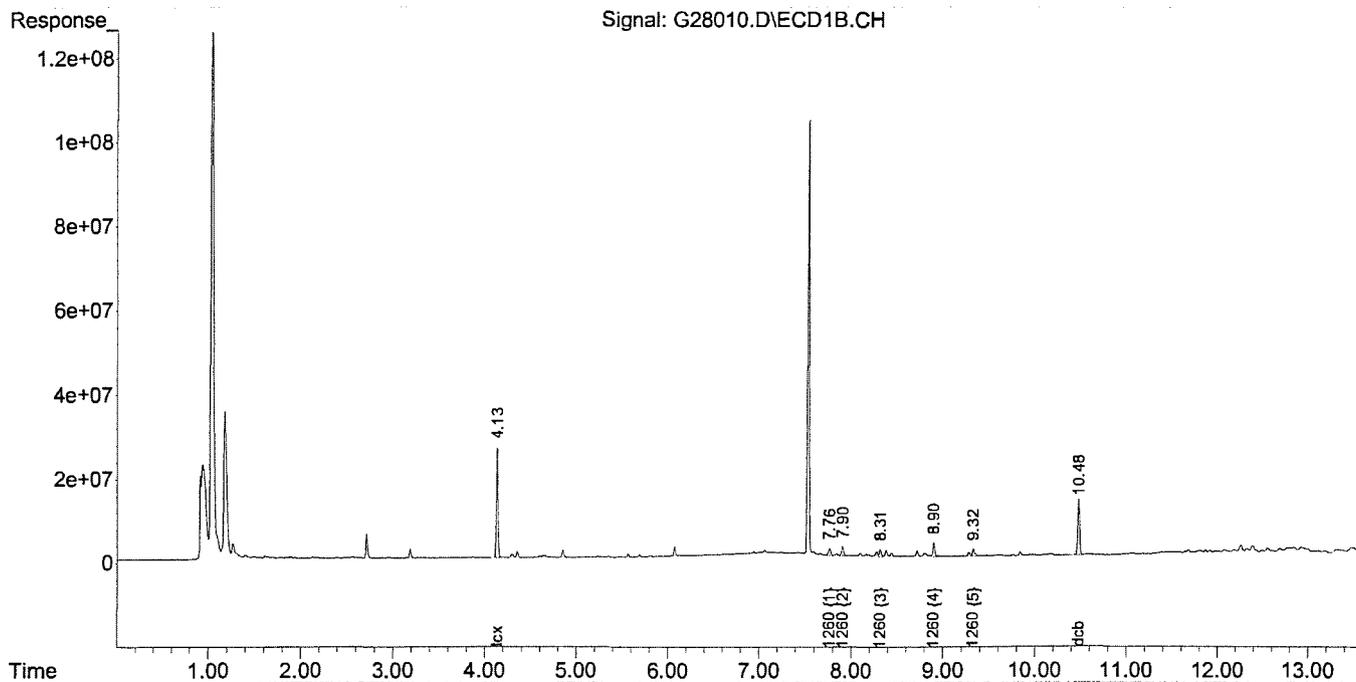


Data Path : C:\MSDCHEM\2\DATA\072805\
 Data File : G28010.D
 Acq On : 28 Jul 2005 14:55
 Sample : B5G0543-01
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 06:54:36 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

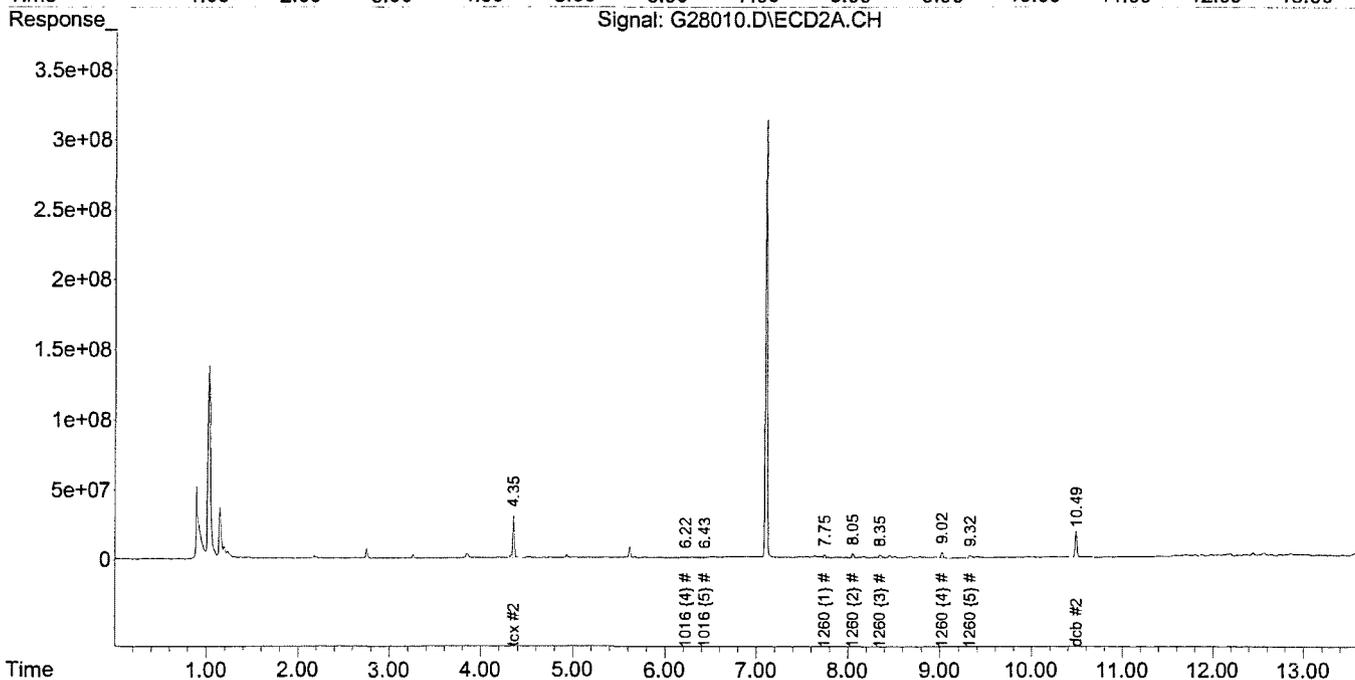
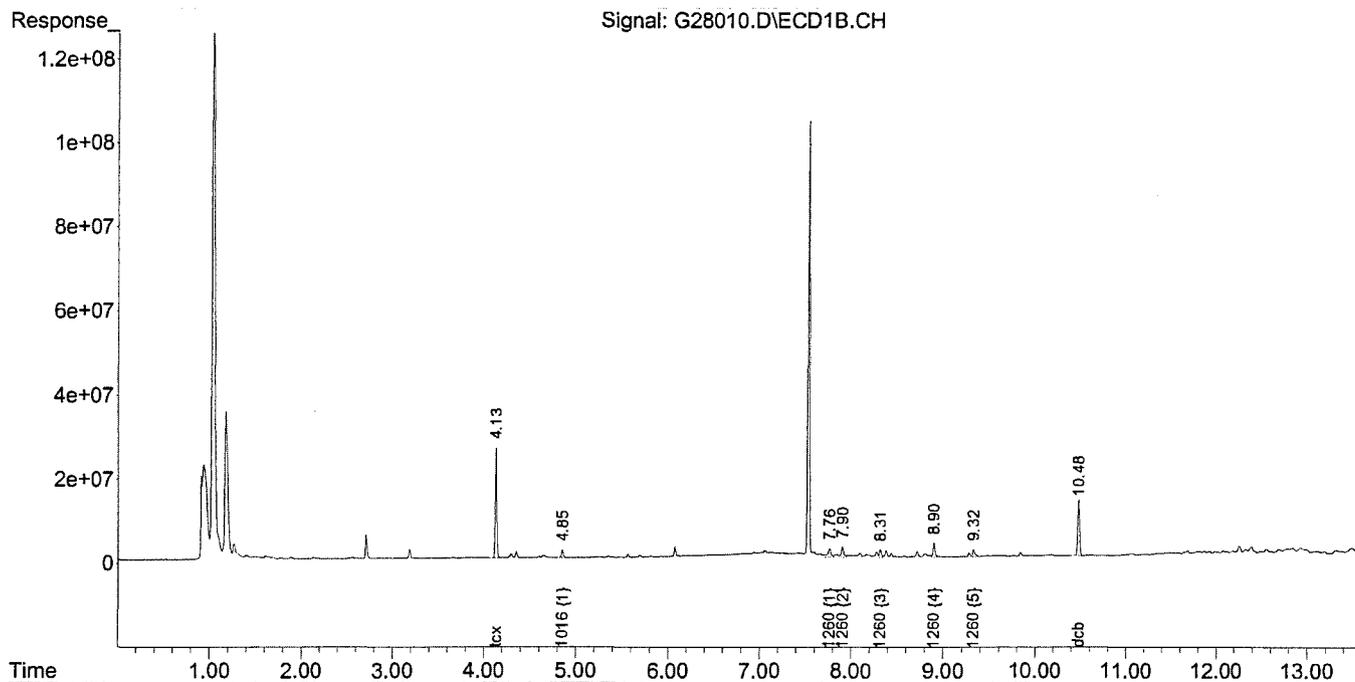
Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\072805\
 Data File : G28010.D
 Acq On : 28 Jul 2005 14:55 Operator: eg
 Sample : B5G0543-01 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 06:41:09 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\072805\

Data File : G28011.D

Acq On : 28 Jul 2005 15:13

Sample : B5G0543-02

Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH

Misc : 1x

Operator: eg

Inst : ECD-6

Multiplr: 1.00

Integration File signal 1: AUTOINT1.E

Integration File signal 2: 1016#3.E

Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M

Quant Title : Method 8082 - 1016/1260 Initial Calibration

Quant Time: Jul 29 06:55:13 2005

QLast Update : Wed Jul 27 10:30:03 2005

Response via : Initial Calibration

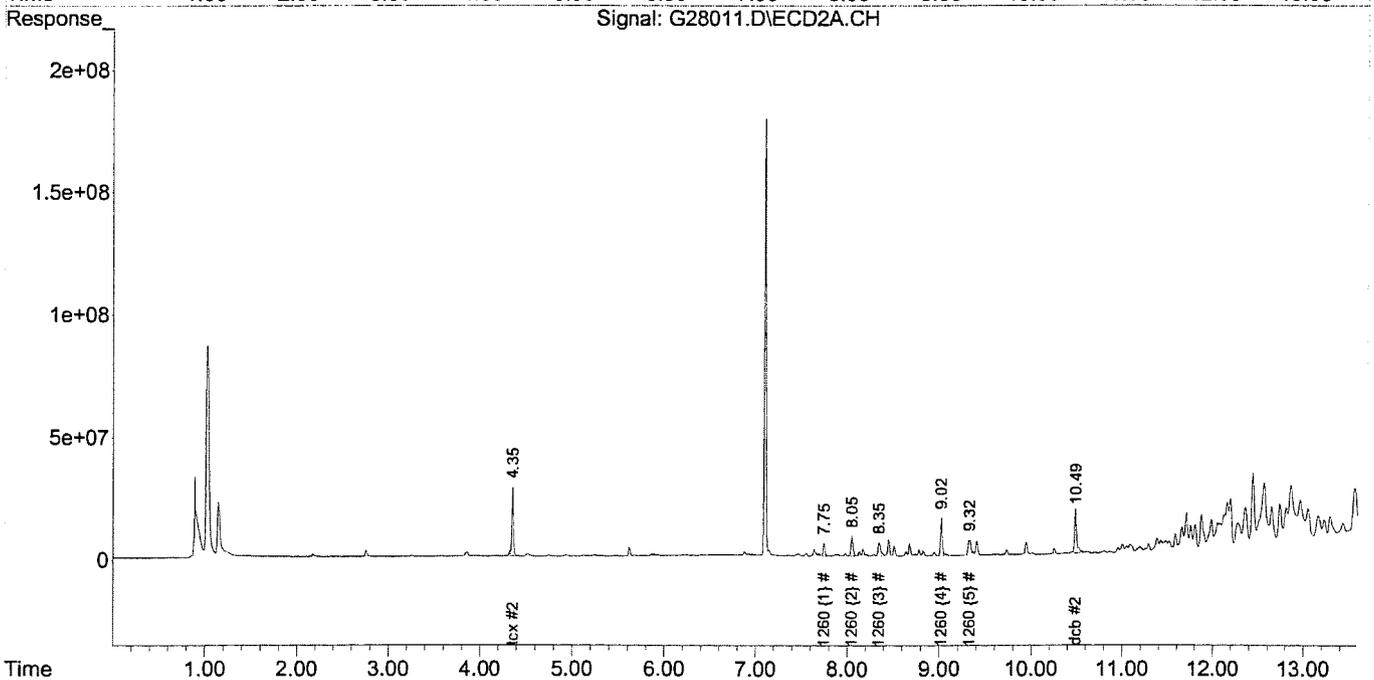
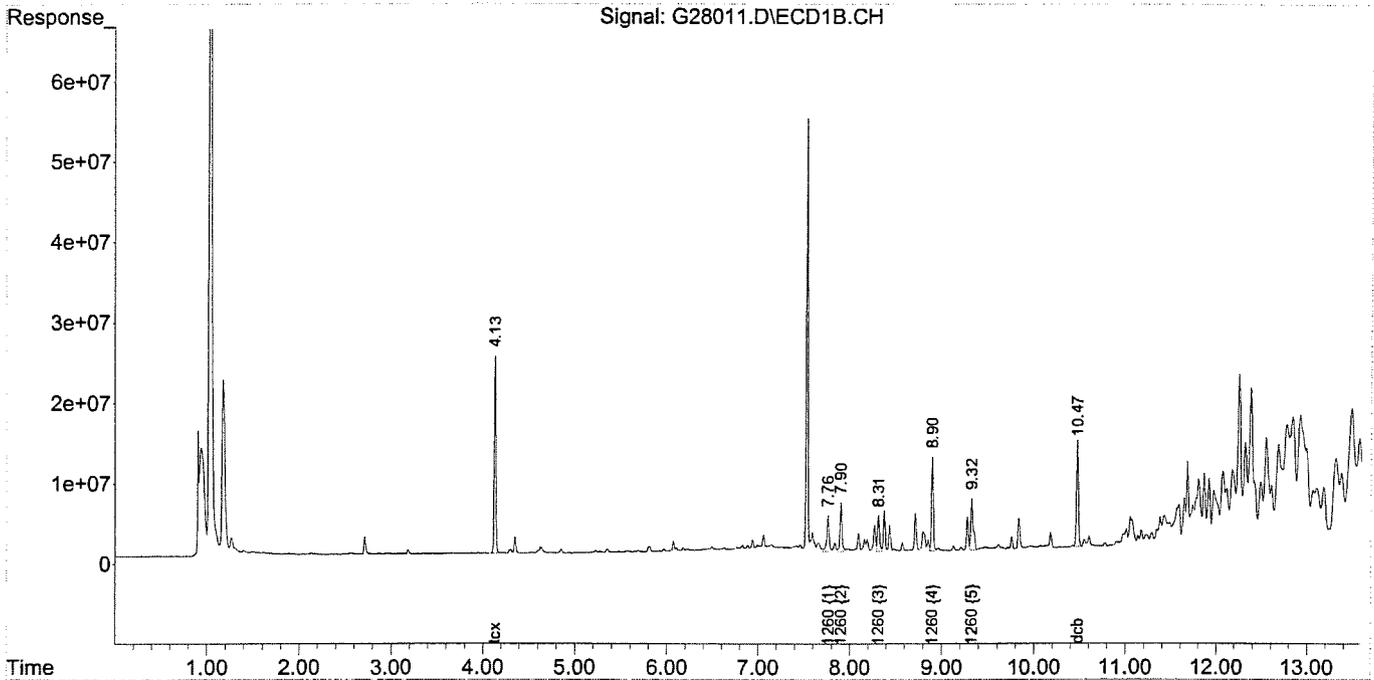
Volume Inj. :

Signal #1 Phase :

Signal #1 Info :

Signal #2 Phase:

Signal #2 Info :

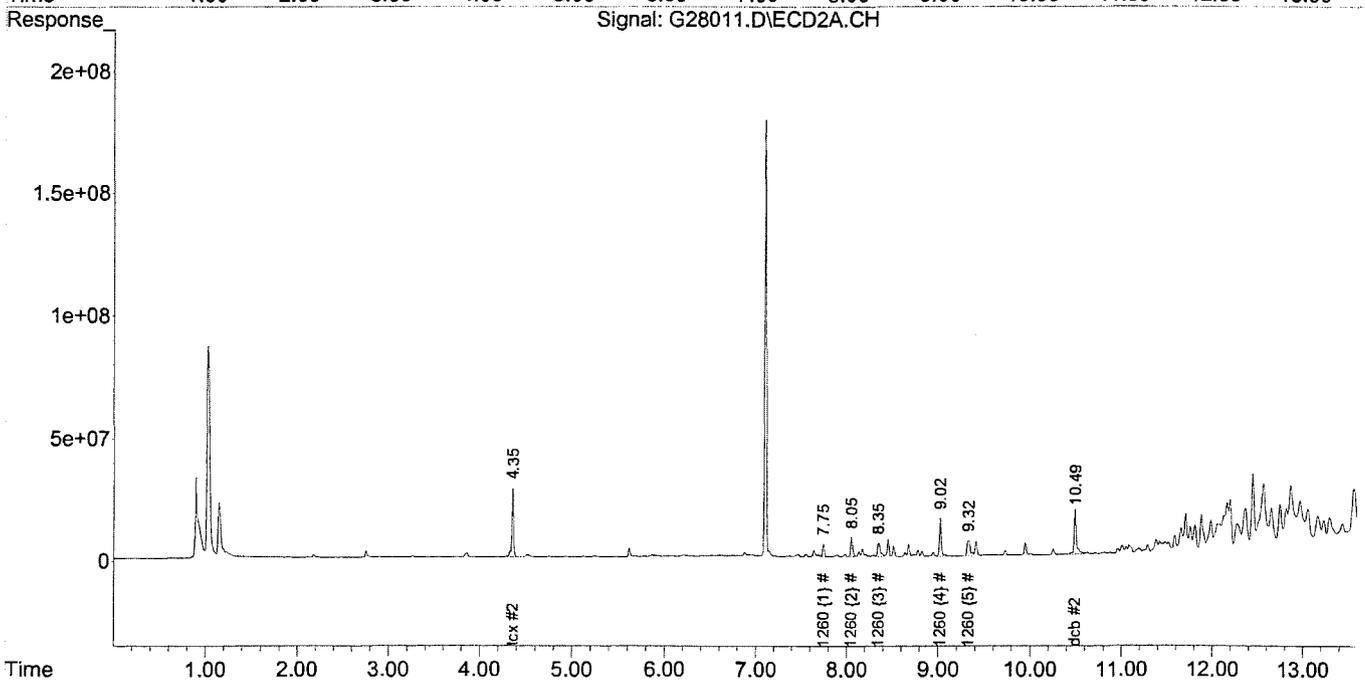
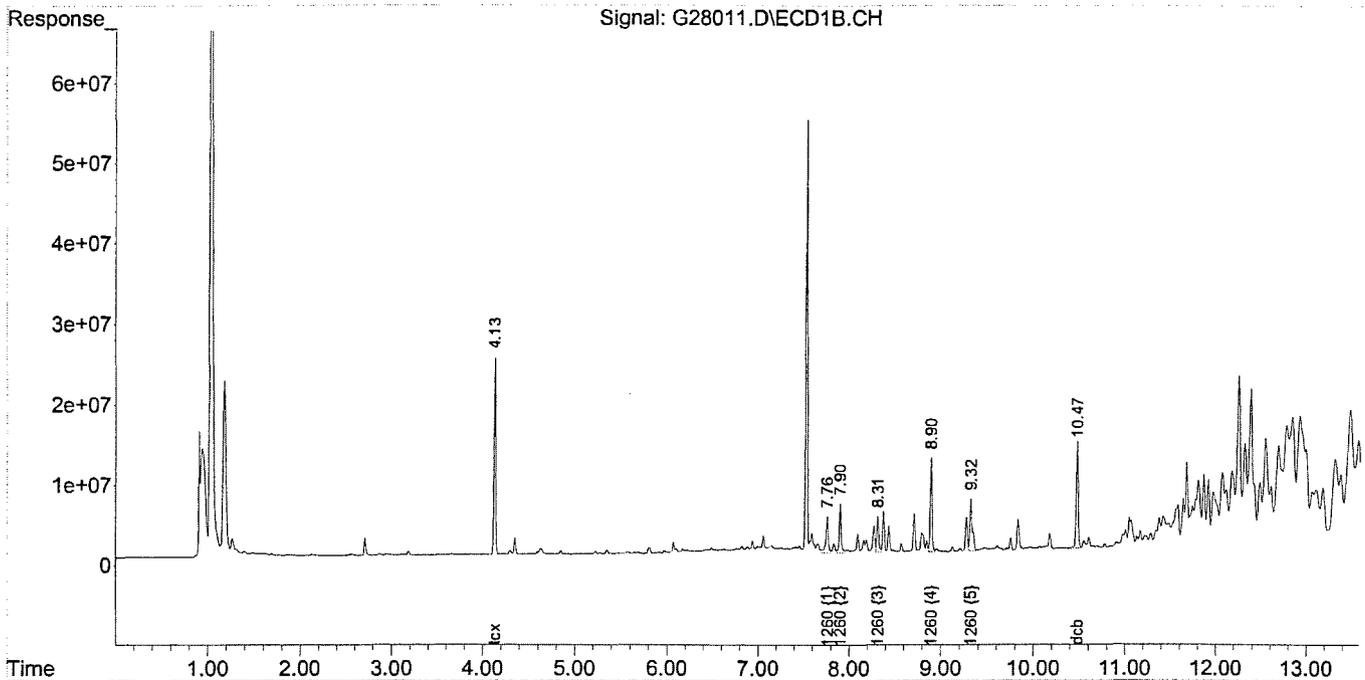


Data Path : C:\MSDCHEM\2\DATA\072805\
Data File : G28011.D
Acq On : 28 Jul 2005 15:13
Sample : B5G0543-02
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Misc : 1x

Operator: eg
Inst : ECD-6
Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
Integration File signal 2: 1016#3.E
Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
Quant Title : Method 8082 - 1016/1260 Initial Calibration
Quant Time: Jul 29 06:41:19 2005
QLast Update : Wed Jul 27 10:30:03 2005
Response via : Initial Calibration

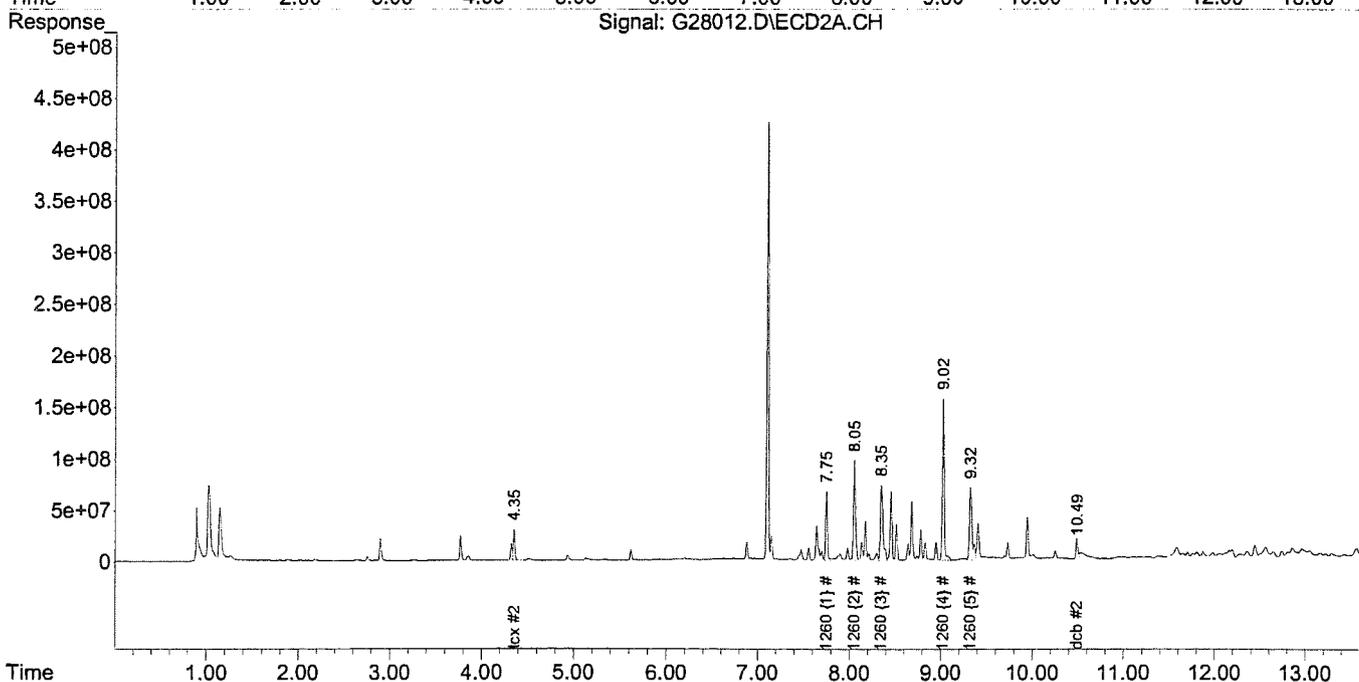
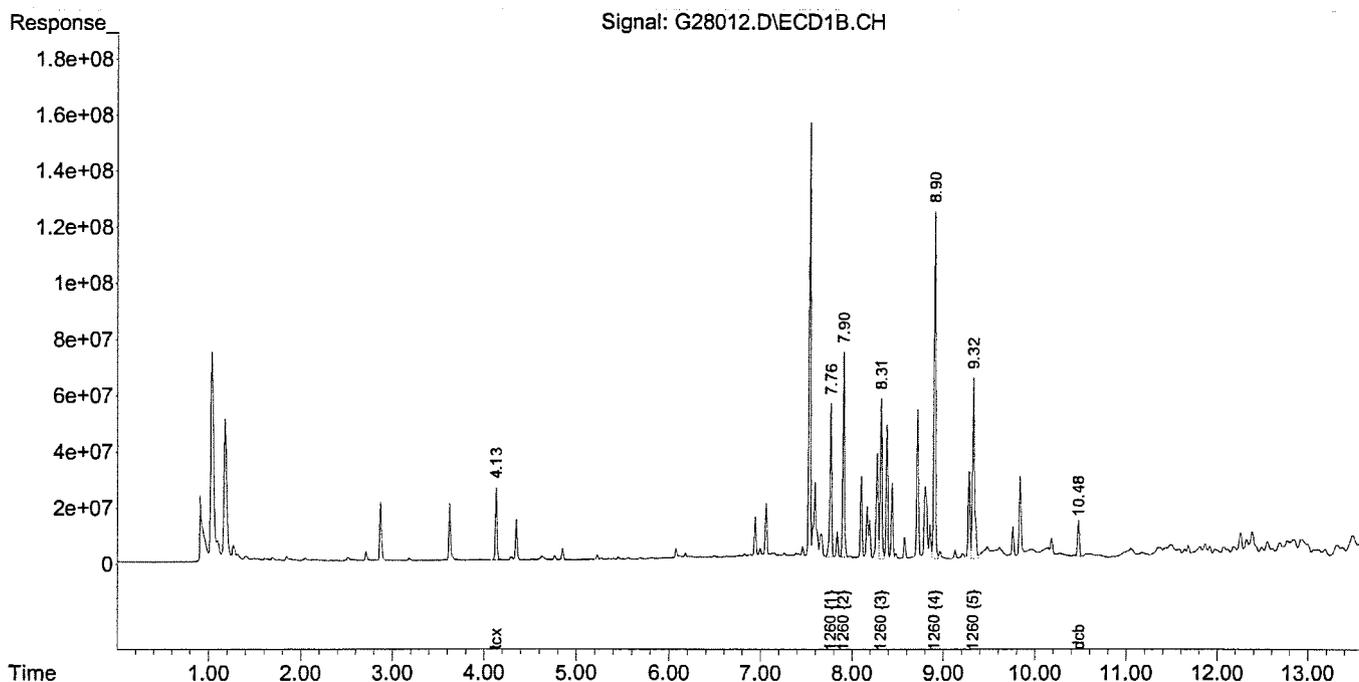
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\072805\
 Data File : G28012.D
 Acq On : 28 Jul 2005 15:31 Operator: eg
 Sample : B5G0543-03 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 06:55:49 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

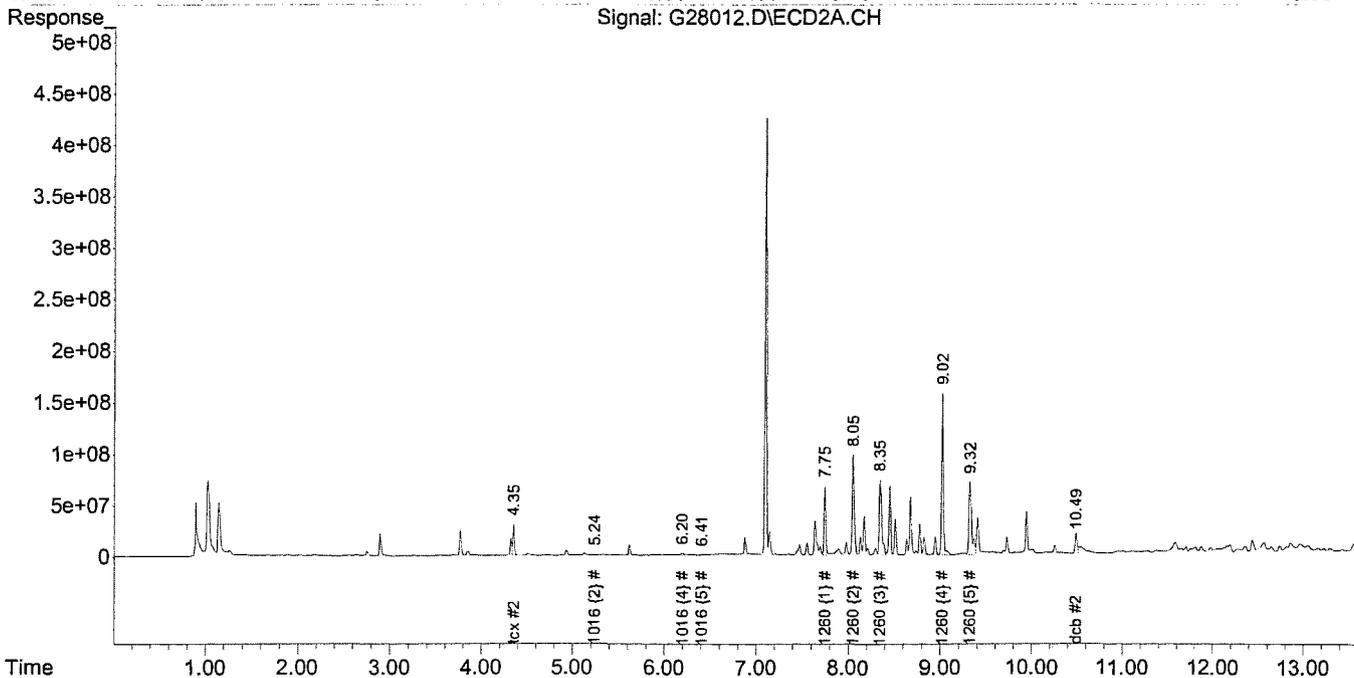
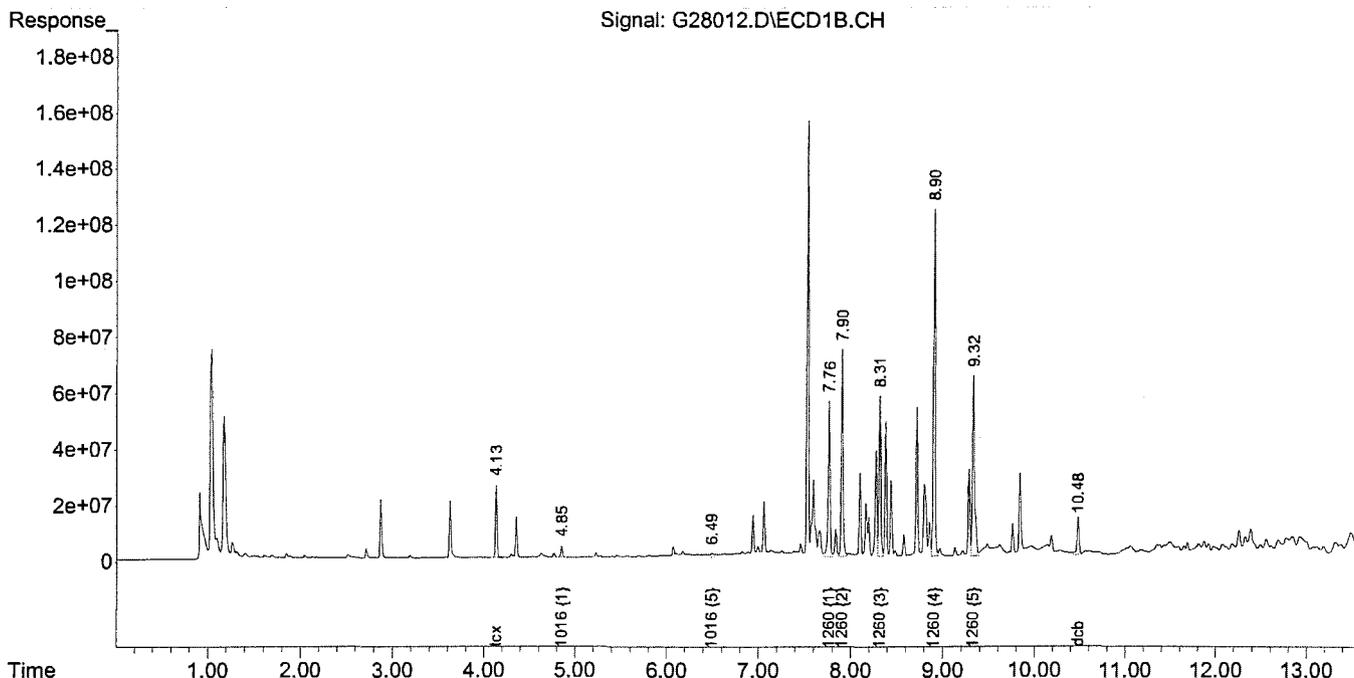


Data Path : C:\MSDCHEM\2\DATA\072805\
 Data File : G28012.D
 Acq On : 28 Jul 2005 15:31
 Sample : B5G0543-03
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 06:41:29 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

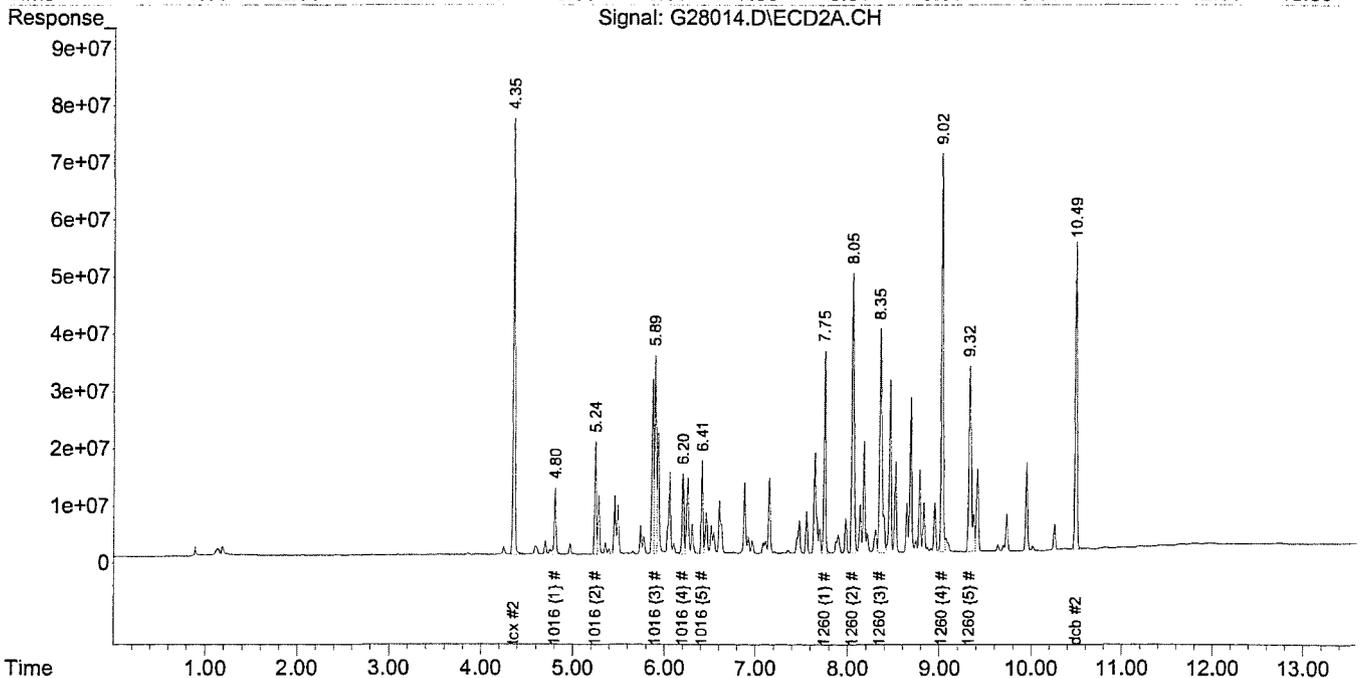
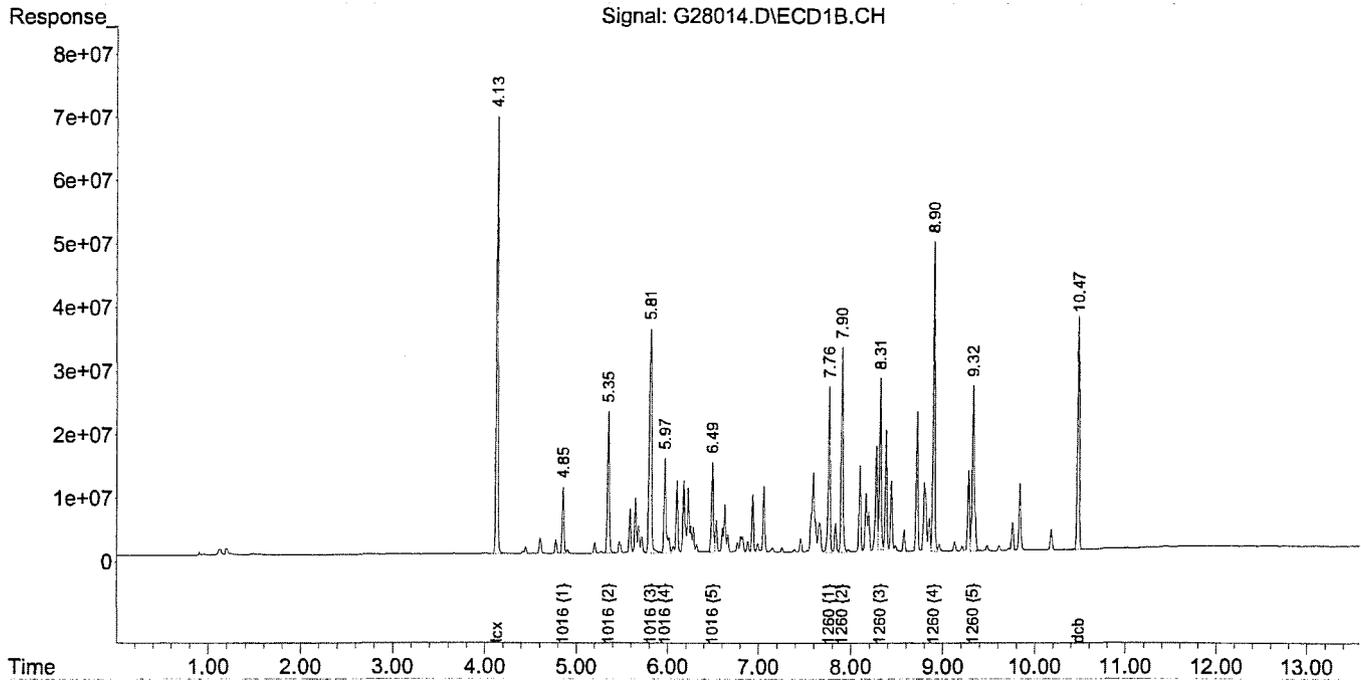


Data Path : C:\MSDCHEM\2\DATA\072805\
Data File : G28014.D
Acq On : 28 Jul 2005 16:08
Sample : 5G28031-CCV3
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Misc : 1x 5060009

Operator: eg
Inst : ECD-6
Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
Integration File signal 2: 1016#3.E
Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
Quant Title : Method 8082 - 1016/1260 Initial Calibration
Quant Time: Jul 29 06:49:12 2005
QLast Update : Wed Jul 27 10:30:03 2005
Response via : Initial Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

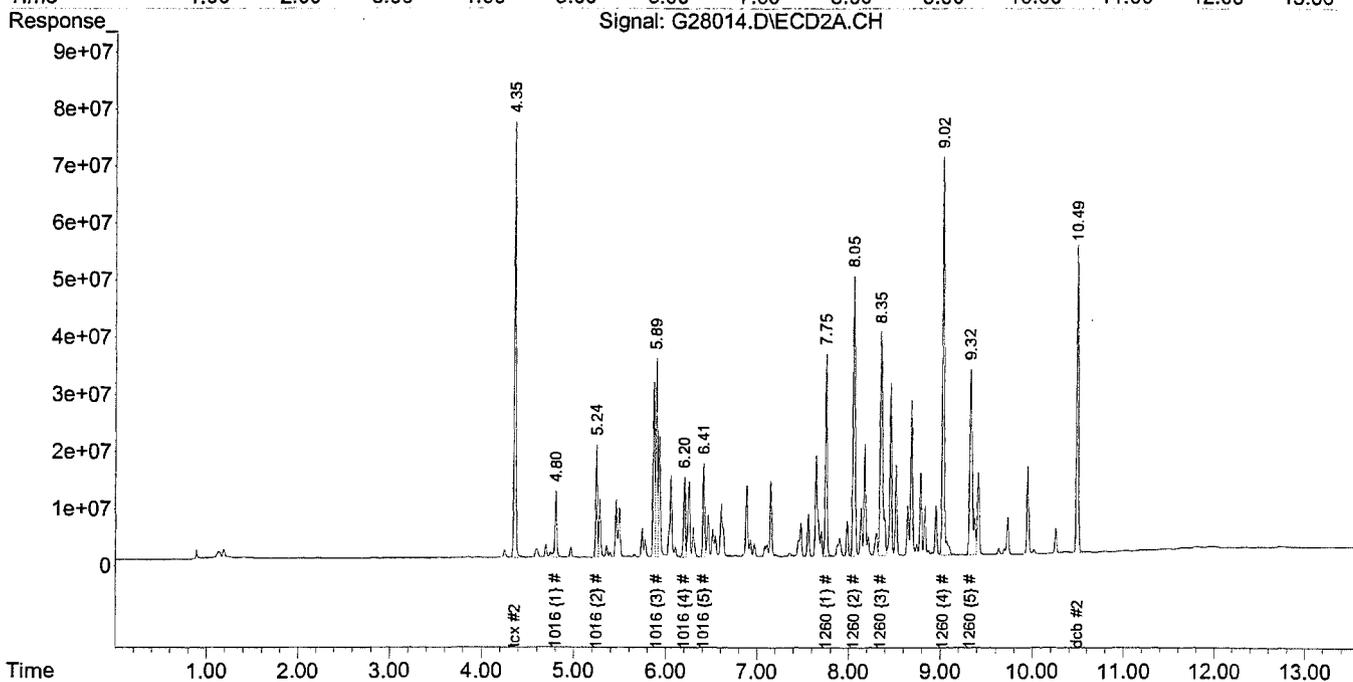
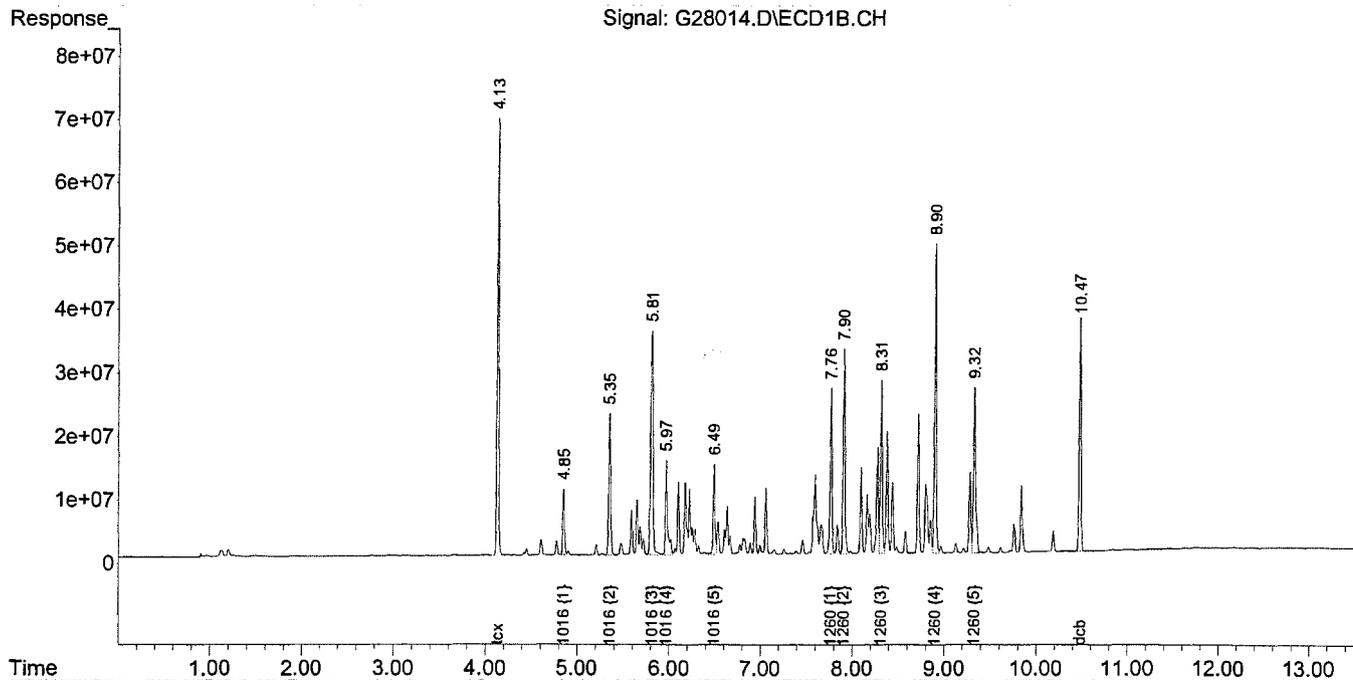


Data Path : C:\MSDCHEM\2\DATA\072805\
Data File : G28014.D
Acq On : 28 Jul 2005 16:08
Sample : 5G28031-CCV3
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Misc : 1x 5060009

Operator: eg
Inst : ECD-6
Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
Integration File signal 2: 1016#3.E
Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
Quant Title : Method 8082 - 1016/1260 Initial Calibration
Quant Time: Jul 29 06:41:49 2005
QLast Update : Wed Jul 27 10:30:03 2005
Response via : Initial Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Review Item	Yes	No	NA
Review prep bench sheet. Is it complete and were the samples properly batched? (Note exceptions on reverse side)	<input checked="" type="checkbox"/>		
Continuing Calibration Verification (Note any exceptions on reverse side)			
Is there a breakdown check for Pesticides every 12 hours?			<input checked="" type="checkbox"/>
In the breakdown check, is the breakdown ≤15% for endrin and DDT on both columns?			<input checked="" type="checkbox"/>
Is the %R 85-115 or %D ≤ 15 for each analyte on both columns and for each CCV in the sequence?		<input checked="" type="checkbox"/>	
Have CCVs been analyzed at least every 20 injections and at the end of the sequence?	<input checked="" type="checkbox"/>		
Review chromatography. Are the compounds properly identified and are the baselines correctly drawn?	<input checked="" type="checkbox"/>		
If manually integrated, are they justifiable and are before & after hardcopies of the chros included with the data?	<input checked="" type="checkbox"/>		
Did the analyst initial and date the MIs?	<input checked="" type="checkbox"/>		
Method Blank (Note any exceptions on reverse side)			
Is the method blank free of any positive results (< one-half the MRL)?	<input checked="" type="checkbox"/>		
If not, is the blank <5% of sample results or are all associated samples non-detect for the affected analyte?	<input checked="" type="checkbox"/>		
Are the reporting limits correctly adjusted for amount extracted?	<input checked="" type="checkbox"/>		
Are the surrogate %Rs correctly calculated and within the control limits?	<input checked="" type="checkbox"/>		
If manually integrated, are they justifiable and are before & after hardcopies of the chros included with the data?	<input checked="" type="checkbox"/>		
Did the analyst initial and date the MIs?	<input checked="" type="checkbox"/>		
Review chromatography. Is the baseline correctly drawn?	<input checked="" type="checkbox"/>		
Sample Results (Note any exceptions on reverse side)			
Were the samples extracted and analyzed within holding time?	<input checked="" type="checkbox"/>		
Are the reported results correctly calculated? Check dilution factors, amount extracted & extract volume.	<input checked="" type="checkbox"/>		
Are dilution factors correctly documented on the raw data?	<input checked="" type="checkbox"/>		
Do the results from multiple analyses (dilutions included) of the same sample agree within reasonable limits?	<input checked="" type="checkbox"/>		
Do the results in Element match those from the quant report?	<input checked="" type="checkbox"/>		
Are the analyte peaks within the calculated RRT windows?	<input checked="" type="checkbox"/>		
Are all reported quantitated values within the linear range or qualified with an "E"?	<input checked="" type="checkbox"/>		
Are all positive results confirmed and P flagged as needed?	<input checked="" type="checkbox"/>		
Are the results correctly qualified, i.e., P, B, J, E?	<input checked="" type="checkbox"/>		
Are the surrogate %Rs correctly calculated and within the control limits?	<input checked="" type="checkbox"/>		
If manually integrated, are they justifiable and are before & after hardcopies of the chros included with the data?	<input checked="" type="checkbox"/>		
Did the analyst initial and date the MIs?	<input checked="" type="checkbox"/>		
Review chromatography. Are the compounds properly identified and are the baselines correctly drawn?	<input checked="" type="checkbox"/>		
BS/BSD/MS/MSD (Note any exceptions on reverse side)			
Review chromatography. Are the compounds properly identified and are the baselines correctly drawn?	<input checked="" type="checkbox"/>		
Are the sample and spiked results correctly calculated?	<input checked="" type="checkbox"/>		
Are the %Rs and RPDs correctly calculated and within control limits?	<input checked="" type="checkbox"/>		
Are the surrogate %Rs correctly calculated and within control limits?	<input checked="" type="checkbox"/>		
If manually integrated, are they justifiable and are before & after hardcopies of the chros included with the data?	<input checked="" type="checkbox"/>		
Did the analyst initial and date the MIs?	<input checked="" type="checkbox"/>		
Is a MintMiner report present?	<input checked="" type="checkbox"/>		
Were any trends identified in your review of the associated control chart?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Are the results correctly qualified?	<input checked="" type="checkbox"/>		
Does the NCR accurately describe all non-compliant issues and the actions taken?	<input checked="" type="checkbox"/>		

Comments: ① cases ok on front column only.

I certify that this analytical batch meets all the requirements set forth in the appropriate SOPs with the exceptions noted above.

Analyst Signature: [Signature] Date: 7/29/05

I certify that this analytical batch has been thoroughly reviewed and all reportable results meet the requirements set forth in the appropriate SOPs with the exceptions noted above.

Reviewer Signature: [Signature] Date: 8/29/05

Injection Log

Directory: C:\MSDCHEM2\DATA\072905

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	96	G29001.d	0.	5G29005-IBL1	1x	Unrecognized:Un
2	96	G29002.d	0.	5G29005-IBL2	1x	Unrecognized:Un
3	100	G29003.d	0.	5G29005-CCV1 <i>OK Front</i>	1x 5060009	Unrecognized:Un
4	1	G29004.d	0.	B5G0543-03RE1	5x	Unrecognized:Un
5	2	G29005.d	0.	B5G0492-04RE1	10x	Unrecognized:Un
6	3	G29006.d	0.	B5G0492-08RE1	10x	Unrecognized:Un
7	4	G29007.d	0.	5G28003-BLK1	1x	29 Jul 2005 10:02
8	5	G29008.d	0.	5G28003-BS1	1x	29 Jul 2005 10:20
9	6	G29009.d	0.	5G28003-BSD1	1x	29 Jul 2005 10:39
10	100	G29010.d	0.	5G29005-CCV2 <i>OK front</i>	1x 5060009	29 Jul 2005 10:57
11	7	G29011.d	0.	5G28003-MS1	1x	29 Jul 2005 11:15
12	8	G29012.d	0.	5G28003-MSD1	1x	29 Jul 2005 11:34
13	9	G29013.d	0.	B5G0466-01	1x	29 Jul 2005 11:52
14	100	G29014.d	0.	5G29005-CCV3	1x 5060009	29 Jul 2005 12:10
15	100	G29015.d	0.	5G29005-CCV4 <i>OK Front</i>	1x 5060009	29 Jul 2005 12:28

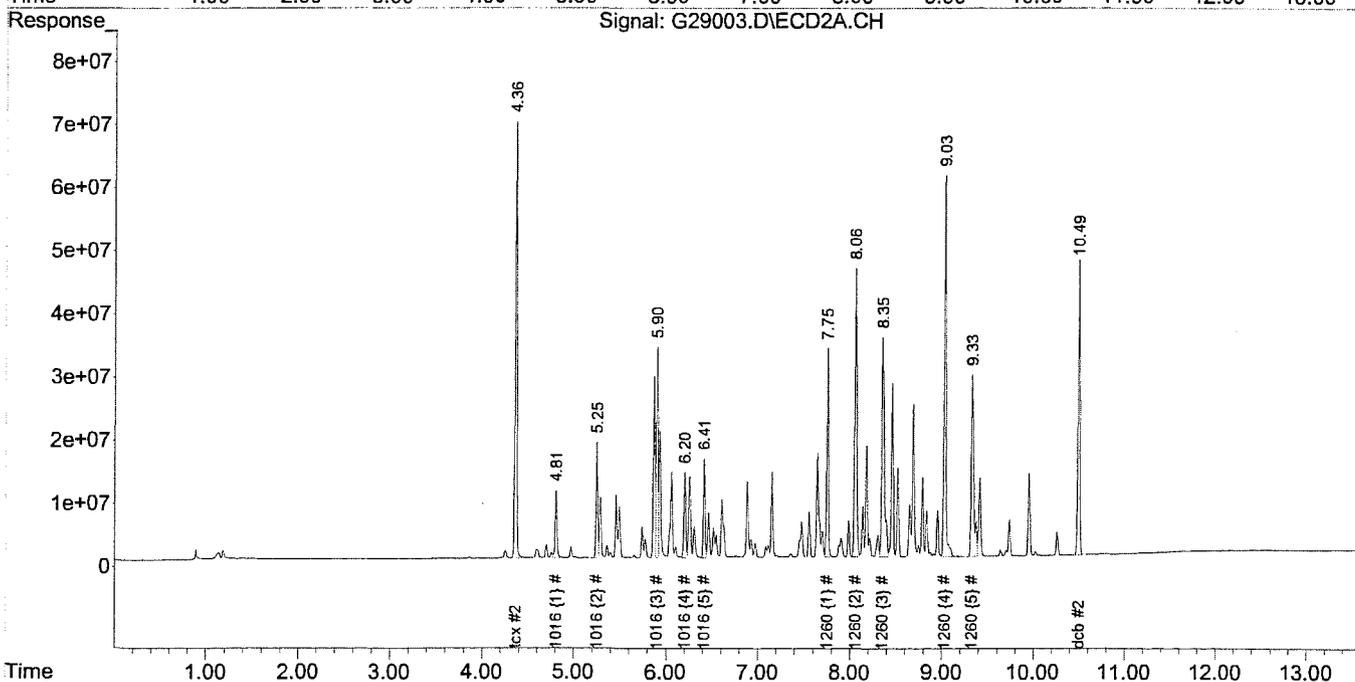
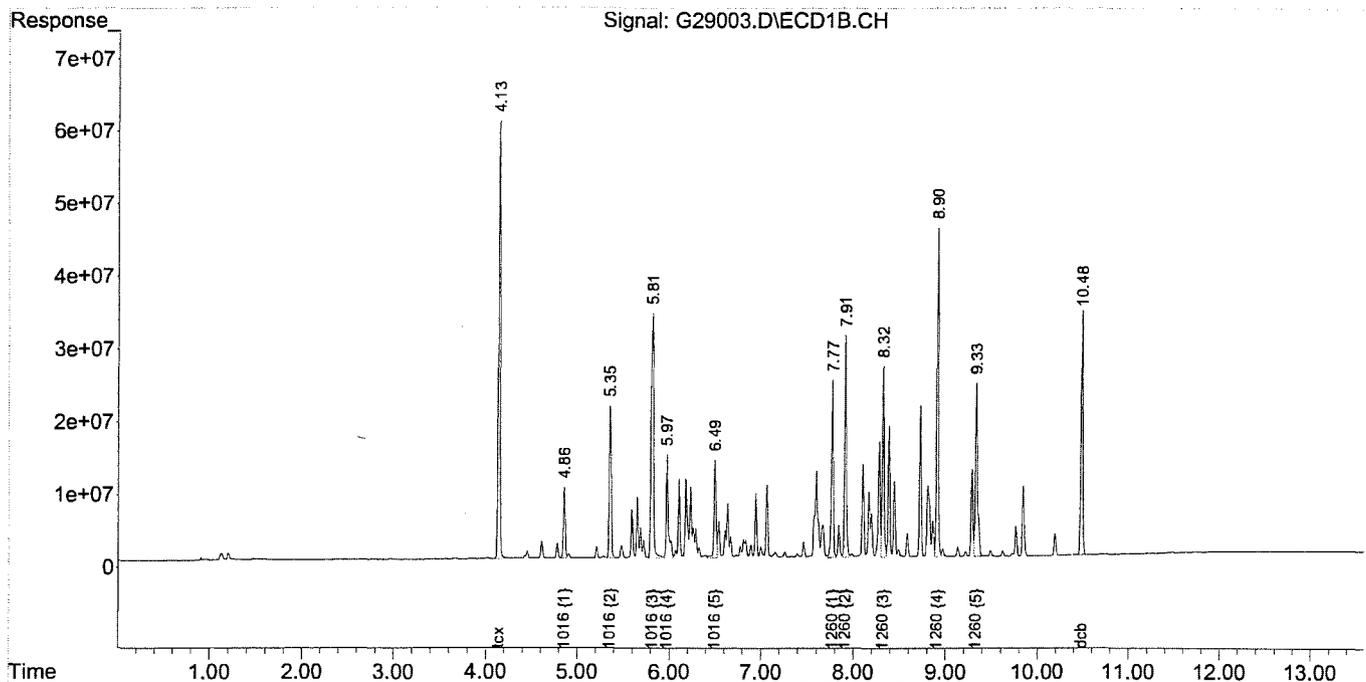
copy 7, 29, 05
Hexane lot # 0046233

Data Path : C:\MSDCHEM\2\DATA\072905\
 Data File : G29003.D
 Acq On : 29 Jul 2005 8:04
 Sample : 5G29005-CCV1
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5060009

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 13:12:29 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

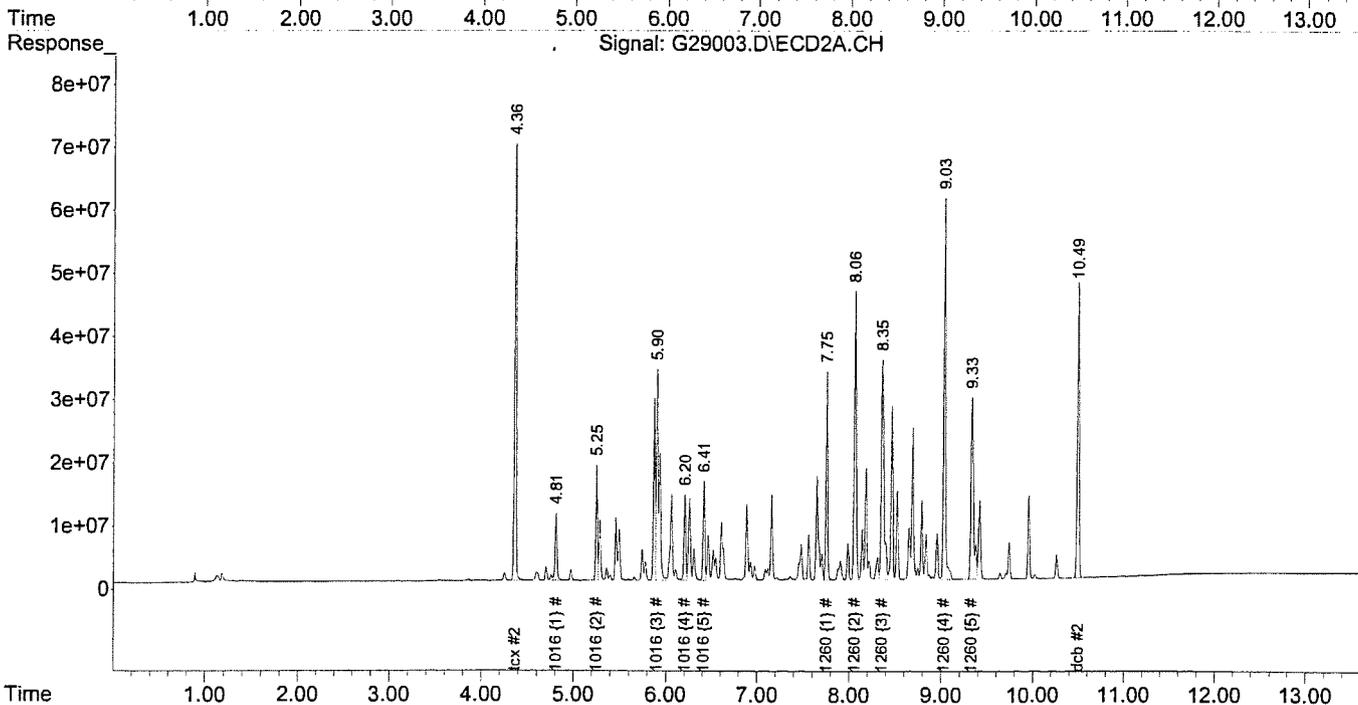
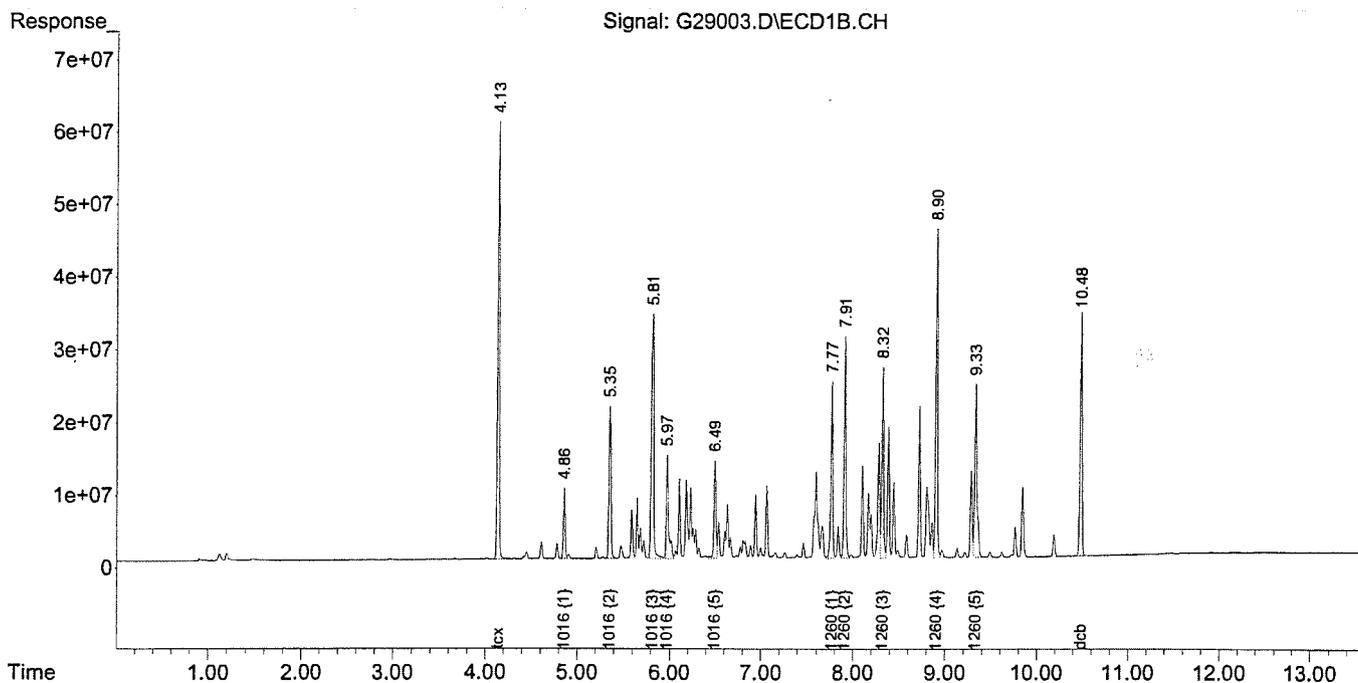
Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\072905\
 Data File : G29003.D
 Acq On : 29 Jul 2005 8:04 Operator: eg
 Sample : 5G29005-CCV1 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5060009 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 13:09:34 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

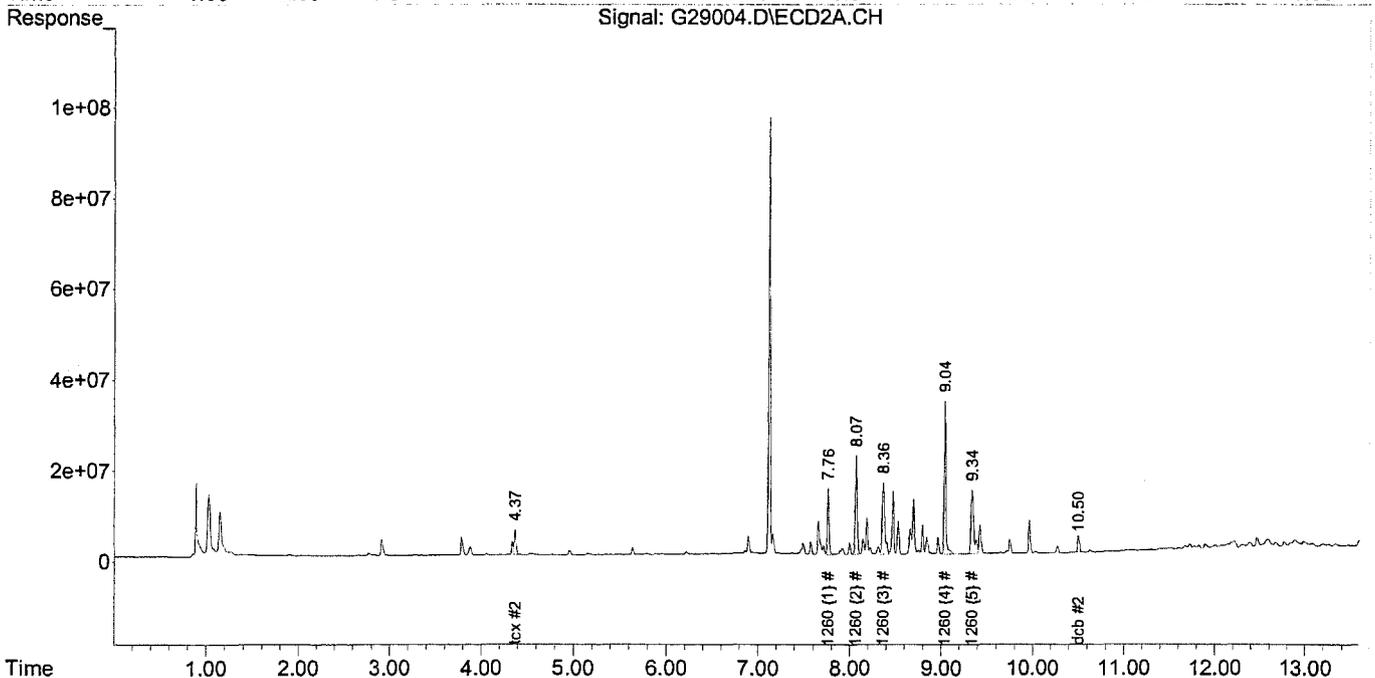
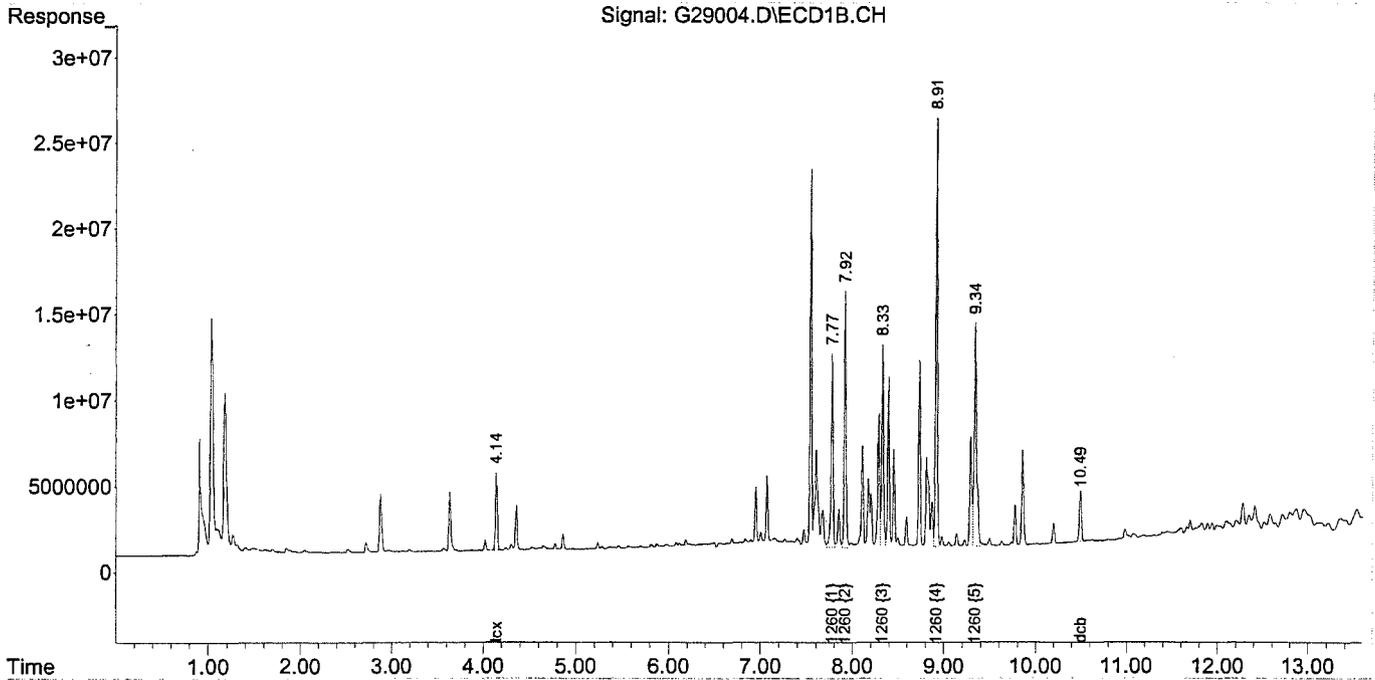
Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\072905\
 Data File : G29004.D
 Acq On : 29 Jul 2005 9:07 Operator: eg
 Sample : B5G0543-03RE1 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 5x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 13:29:48 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

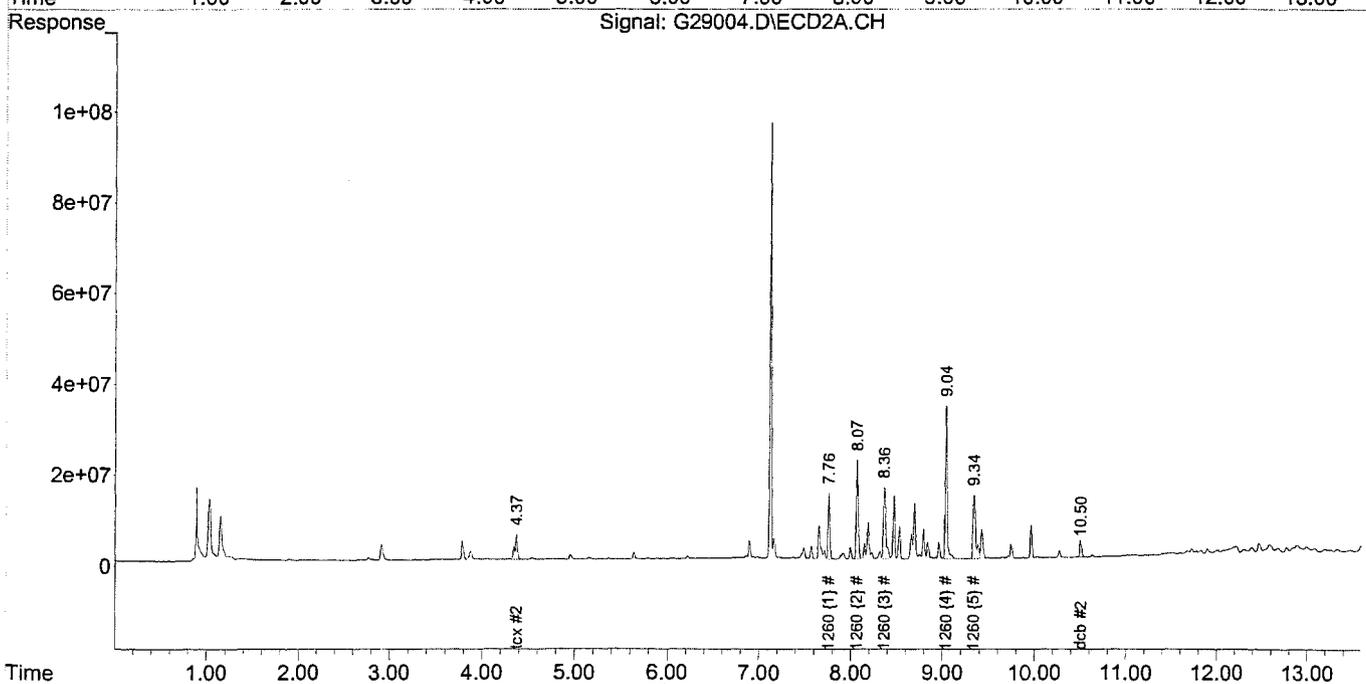
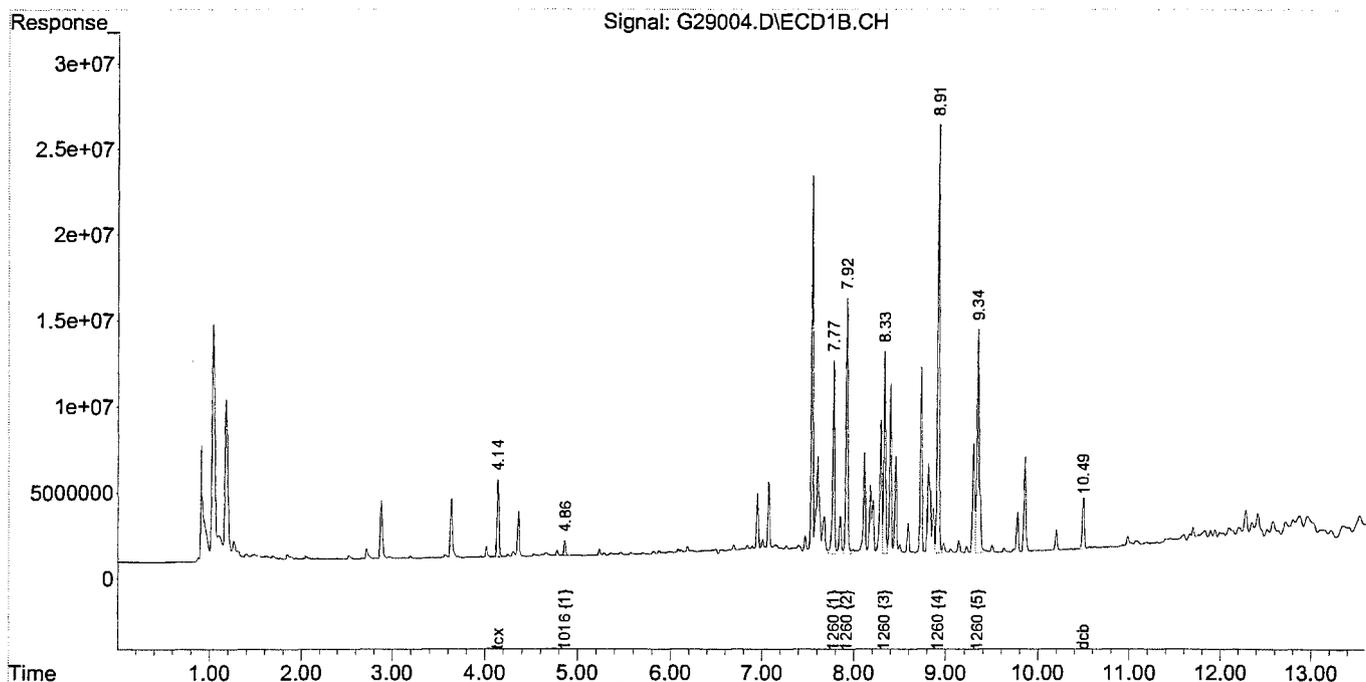
Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\072905\
 Data File : G29004.D
 Acq On : 29 Jul 2005 9:07 Operator: eg
 Sample : B5G0543-03RE1 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 5x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Jul 29 13:09:44 2005
 QLast Update : Wed Jul 27 10:30:03 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

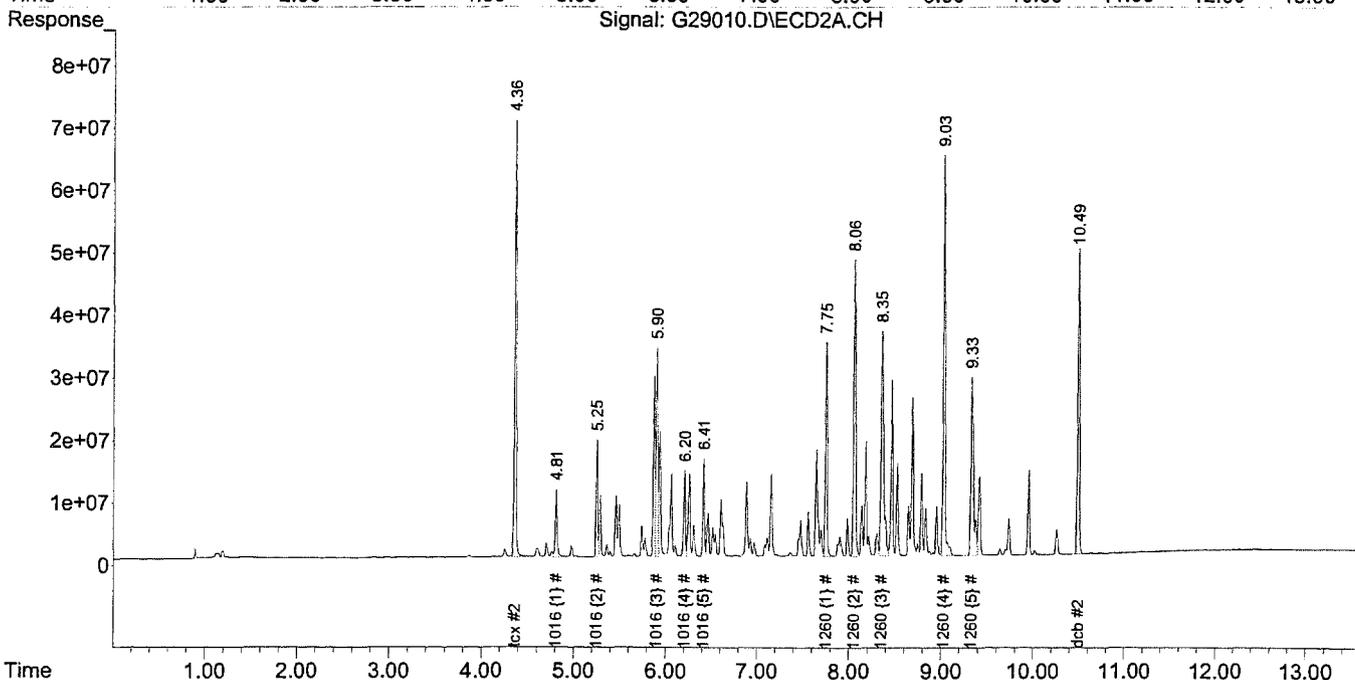
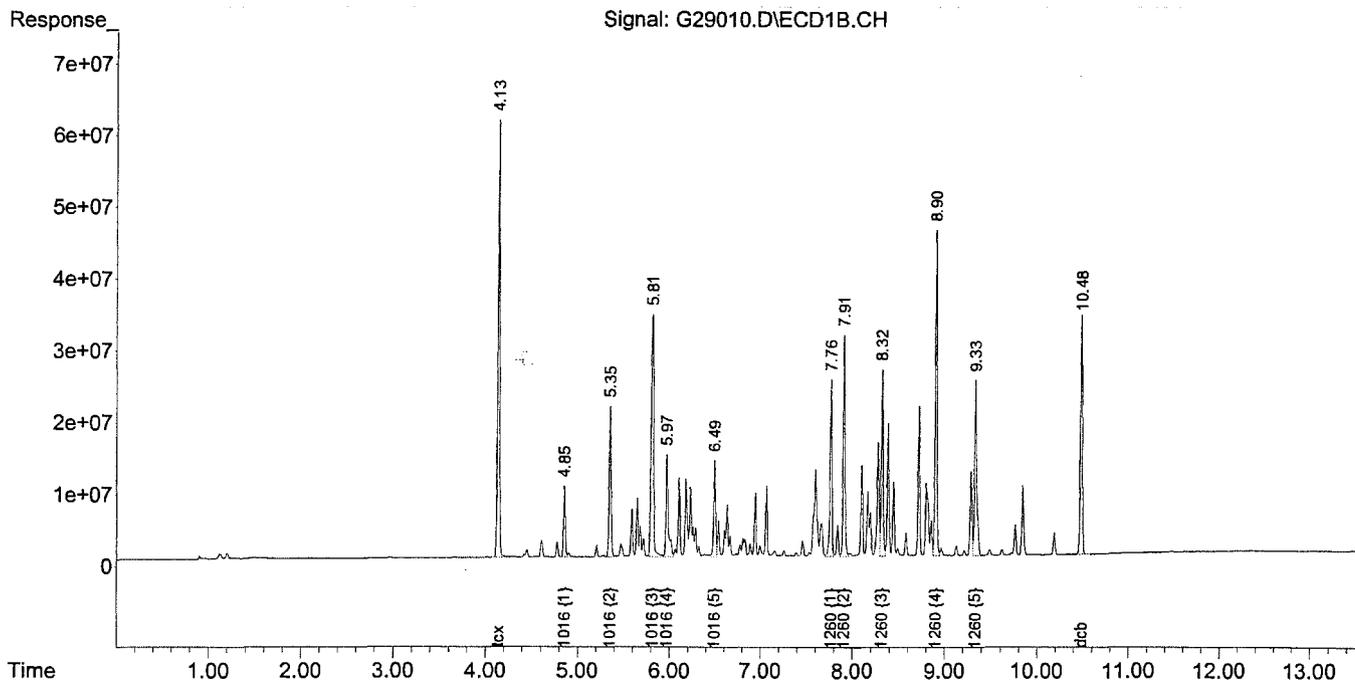


Data Path : C:\MSDCHEM\2\DATA\072905\
Data File : G29010.D
Acq On : 29 Jul 2005 10:57
Sample : 5G29005-CCV2
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Misc : 1x 5060009

Operator: eg
Inst : ECD-6
Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
Integration File signal 2: 1016#3.E
Quant Method : C:\MSDCHEM\2\METHODS\PCF2205E.M
Quant Title : Method 8082 - 1016/1260 Initial Calibration
Quant Time: Jul 29 13:10:45 2005
QLast Update : Wed Jul 27 10:30:03 2005
Response via : Initial Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Review Item	Yes	No	NA
GC			
Are at least 5 standard levels available for each analyte?	/		
Are at least 6 standard levels available for each quadratic fit?	/		
Is the %RSD for each target compound ≤ 20 or is $r \geq 0.995$ ($r^2 \geq 0.990$ for quad)? Note exceptions on back.	/		
If using r, is the intercept $<$ than the RL? (Note exceptions on reverse side)	/		
Reprocess each calibration standard against the new curve.	/		
Does the calculated value fall within $\pm 20\%$ of the true value? (Note exceptions on reverse side)	/		
Is an ICAL summary sheet (Form VI or equiv, signed & dated by analyst) present, documenting passing linearity criteria and an accurate calibration file name?	/		
Review chromatography. Are the baselines consistently drawn?	/		
Is the low standard at or below the reporting limit?	/		
Can an RF for a target compound and a surrogate from their ICAL summaries be verified against the RF calculated from the raw data?	/		
Are hardcopy printouts of the calibration complete, do they identify all standards/concentrations and do acquisition dates and times occur before and compare favorably with Last Update dates and times?	/		
For manually integrated peaks, are before & after hardcopies of the chros included with the data?	/		
Were the manual integrations initialed and dated by the analyst?	/		
Was a second source standard analyzed after the calibration curve?	/		
Did the second source standard pass the 80-120% recovery criteria, allowing for sporadic marginal failures of 70-130% (SMFs generally apply to compound lists with more than 15 analytes, at rate of 1 SMF per 15 analytes)?	/		
GC/MS			
Did the instrument pass appropriate tuning criteria (including tailing factor & degradation checks for 625/8270)?	/		
Are at least 5 standard levels available for each analyte?	/		
Are at least 6 standard levels available for each quadratic fit?	/		
Did the CCCs pass the %RSD criteria of ≤ 30 ?	/		
Did the SPCCs pass the RF criteria?	/		
Is the %RSD for each target compound ≤ 15 or is $r \geq 0.995$ ($r^2 \geq 0.990$ for quad)? Note exceptions on back.	/		
If using r, is the intercept $<$ than the RL? (Note exceptions on reverse side)	/		
Reprocess each calibration standard against the new curve.	/		
Does the calculated value fall within $\pm 20\%$ of the true value? (Note exceptions on reverse side)	/		
Is an ICAL summary sheet (Form VI or equiv, signed & dated by analyst) present, documenting passing linearity criteria and an accurate calibration file name?	/		
Review chromatograph. Are the compounds (especially isomers) properly identified and are the baselines consistently drawn?	/		
Is the low standard at or below the reporting limit?	/		
Can an RF for a target compound and a surrogate from their ICAL summaries be verified against the RF calculated from the raw data?	/		
Are hardcopy printouts of the calibration complete, do they identify all standards/concentrations and do acquisition dates and times occur before and compare favorably with Last Update dates and times?	/		
For manually integrated peaks, are before & after hardcopies of the chros included with the data?	/		
Were the manual integrations initialed and dated by the analyst?	/		
Was a second source standard analyzed after the calibration curve?	/		
Did the second source standard pass the 75-125% recovery criteria (80-120% required for DOD projects), allowing for sporadic marginal failures of 60-140% (1 SMF per 15 analytes)	/		

I certify that this instrument calibration meets all the requirements set forth in the appropriate SOPs with the exceptions noted above.

Analyst Signature: [Signature]

Date: 6/23/05

I certify that this instrument calibration has been thoroughly reviewed and meets the requirements set forth in the appropriate SOPs with the exceptions noted above.

Reviewer's Signature: [Signature]

Date: 06/23/05

Method Path : C:\MSDCHEM\2\METHODS\
 Method File : PCF2205.M
 Title : Method 8082 - 1016/1260 Initial Calibration
 Last Update : Thu Jun 23 07:02:05 2005
 Response Via : Initial Calibration

#	ID	Conc	ISTD Conc	Path\File
1	50	5	0	C:\MSDCHEM\2\DATA\062205\F22020.D
2	100	10	0	C:\MSDCHEM\2\DATA\062205\F22021.D
3	200	20	0	C:\MSDCHEM\2\DATA\062205\F22022.D
4	500	50	0	C:\MSDCHEM\2\DATA\062205\F22023.D
5	1500	150	0	C:\MSDCHEM\2\DATA\062205\F22025.D
6	2000	200	0	C:\MSDCHEM\2\DATA\062205\F22026.D
7	1000	100	0	C:\MSDCHEM\2\DATA\062205\F22024.D

#	ID	Update Time	Quant Time	Acquisition Time
1	50	Jun 23 06:56 2005	Jun 23 06:56 2005	22 Jun 2005 16:47
2	100	Jun 23 06:57 2005	Jun 23 06:56 2005	22 Jun 2005 17:05
3	200	Jun 23 06:57 2005	Jun 23 06:57 2005	22 Jun 2005 17:23
4	500	Jun 23 06:57 2005	Jun 23 06:46 2005	22 Jun 2005 17:42
5	1500	Jun 23 06:58 2005	Jun 23 06:46 2005	22 Jun 2005 18:18
6	2000	Jun 23 06:59 2005	Jun 23 06:58 2005	22 Jun 2005 18:36
7	1000	Jun 23 06:58 2005	Jun 23 06:57 2005	22 Jun 2005 18:00

PCF2205.M Thu Jun 23 07:05:52 2005

Calibration Table Report
 Method: PCF2205.M
 Title: Method 8082 - 1016/1260 Initial Calibration
 Last Calibration: Thu Jun 23 07:02:05 2005

Calibration Files

Compound	50		100		200		500		1500		2000		1000		Avg	%RSD
	F22020.D	F22021.D	F22022.D	F22023.D	F22024.D	F22025.D	F22026.D	F22027.D	F22028.D	F22029.D	F22030.D	F22031.D	F22032.D	F22033.D		
tcx	8672175.813	9257430.808	8646965.755	8572935.066	8129174.866	7913778.545	8392343.735	8513540.000	5.062							
1016 {1}	306384.630	221288.852	174037.714	143412.885	126909.897	122999.710	131824.252	175265.000	38.475							
1016 {2}	831661.435	600215.273	441551.657	363924.539	320548.911	311226.022	332648.848	457397.000	42.348							
1016 {3}	1659731.847	1198124.239	901727.447	720216.550	631951.920	616318.566	663860.867	913133.000	42.538							
1016 {4}	672094.668	481823.579	373043.617	285959.744	235595.069	228520.444	248152.480	360741.000	45.713							
1016 {5}	565221.321	414118.532	298422.942	244718.593	198913.891	192105.634	210818.664	303474.000	45.848							
1260 {1}	384886.412	348849.849	383947.485	348338.278	317463.942	310112.032	324714.671	345473.000	8.779							
1260 {2}	443188.670	401274.345	433268.930	405904.655	379348.500	369407.350	382203.293	402085.000	6.929							
1260 {3}	390332.059	334201.300	351106.564	333183.236	319535.379	311289.661	318681.966	336904.000	8.008							
1260 {4}	757348.718	654770.903	693178.675	662651.975	640609.083	621898.731	637923.409	666912.000	6.869							
1260 {5}	429677.551	410568.502	418219.712	389012.147	372532.753	362126.776	370869.489	393287.000	6.701							
dcb	5425862.935	4592538.980	4954450.908	4681801.906	4483230.902	4365430.636	4496449.854	4714250.000	7.757							
Signal #2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000							
tcx #2	10041480.804	10808825.444	10428916.331	10598862.125	9778110.564	9399755.819	10098894.323	10165000.000	4.798							
1016 {1} #2	361737.857	290243.893	227282.379	207336.372	168774.559	162852.232	171055.501	227040.000	32.752							
1016 {2} #2	661823.780	471119.376	353912.681	305632.407	262171.542	253292.315	269924.312	368268.000	40.736							
1016 {3} #2	1187755.180	894981.542	666006.763	548096.863	477370.656	452307.890	495345.744	674552.000	40.528							
1016 {4} #2	516825.572	392576.514	314202.009	259167.428	209851.332	203492.347	220363.369	302354.000	38.475							
1016 {5} #2	591402.412	435743.238	346973.653	282425.933	230620.187	223557.658	241876.705	336086.000	40.430							
1260 {1} #2	530440.634	516534.161	534043.955	533890.630	475927.971	459573.035	482451.882	504695.000	6.200							
1260 {2} #2	956880.284	816440.422	878462.830	874166.683	806905.002	775964.363	810077.677	845557.000	7.280							
1260 {3} #2	914250.637	797176.392	873868.926	867514.518	817569.886	788078.817	814779.002	839034.000	5.565							
1260 {4} #2	1086042.045	920446.482	1056693.903	1040757.852	1003074.841	961446.864	1002717.059	1010170.000	5.627							
1260 {5} #2	756296.673	644964.433	731707.587	715632.301	709192.274	685782.169	697551.001	705875.000	5.008							
dcb #2	8445283.133	7228842.621	8019811.815	7874488.275	7613618.151	7419363.796	7631295.147	7747530.000	5.230							

Thu Jun 23 07:06:11 2005

ccy 6/23/05

Method Path : C:\MSDCHEM\2\METHODS\
 Method File : PCF2205.M
 Title : Method 8082 - 1016/1260 Initial Calibration
 Last Update : Thu Jun 23 07:02:05 2005
 Response Via : Initial Calibration

Calibration Files

50 =F22020.D 100 =F22021.D 200 =F22022.D
 500 =F22023.D 1500 =F22025.D 2000 =F22026.D

Compound		50	100	200	500	1500	2000	Avg	%RSD	
1)	s tcx	8.672	9.257	8.647	8.573	8.139	7.914	8.514	E6	5.06
2)	L1 1016 {1}	3.064	2.213	1.740	1.434	1.269	1.230	1.753	E5	38.48
3)	L1 1016 {2}	8.317	6.002	4.416	3.639	3.205	3.112	4.574	E5	42.35
4)	L1 1016 {3}	1.660	1.198	0.902	0.720	0.632	0.616	0.913	E6	42.54
5)	L1 1016 {4}	6.721	4.818	3.730	2.860	2.356	2.285	3.607	E5	45.71
6)	L1 1016 {5}	5.652	4.141	2.984	2.447	1.989	1.921	3.035	E5	45.85
7)	L2 1260 {1}	3.849	3.488	3.839	3.483	3.175	3.101	3.455	E5	8.78
8)	L2 1260 {2}	4.432	4.013	4.333	4.059	3.793	3.694	4.021	E5	6.93
9)	L2 1260 {3}	3.903	3.342	3.511	3.332	3.195	3.113	3.369	E5	8.01
10)	L2 1260 {4}	7.573	6.548	6.932	6.627	6.406	6.219	6.669	E5	6.87
11)	L2 1260 {5}	4.297	4.106	4.182	3.890	3.725	3.621	3.933	E5	6.70
12)	s dcb	5.426	4.593	4.954	4.682	4.483	4.365	4.714	E6	7.76

Signal #2 Calibration Files

50 =F22020.D 100 =F22021.D 200 =F22022.D
 500 =F22023.D 1500 =F22025.D 2000 =F22026.D

Compound		50	100	200	500	1500	2000	Avg	%RSD	
1)	s tcx	1.004	1.081	1.043	1.060	0.978	0.940	1.016	E7	4.80
2)	L1 1016 {1}	3.617	2.902	2.273	2.073	1.688	1.629	2.270	E5	32.75
3)	L1 1016 {2}	6.618	4.711	3.539	3.056	2.622	2.533	3.683	E5	40.74
4)	L1 1016 {3}	1.188	0.895	0.666	0.548	0.477	0.452	0.675	E6	40.53
5)	L1 1016 {4}	5.168	3.926	3.142	2.592	2.099	2.035	3.024	E5	38.47
6)	L1 1016 {5}	5.914	4.357	3.470	2.824	2.306	2.236	3.361	E5	40.43
7)	L2 1260 {1}	5.304	5.165	5.340	5.339	4.759	4.596	5.047	E5	6.20
8)	L2 1260 {2}	9.569	8.164	8.785	8.742	8.069	7.760	8.456	E5	7.28
9)	L2 1260 {3}	9.143	7.972	8.739	8.675	8.176	7.881	8.390	E5	5.56
10)	L2 1260 {4}	1.086	0.920	1.057	1.041	1.003	0.961	1.010	E6	5.63
11)	L2 1260 {5}	7.563	6.450	7.317	7.156	7.092	6.858	7.059	E5	5.01
12)	s dcb	8.445	7.229	8.020	7.874	7.614	7.419	7.748	E6	5.23

(#) = Out of Range ### Number of calibration levels exceeded format ###

PCF2205.M Thu Jun 23 07:06:01 2005

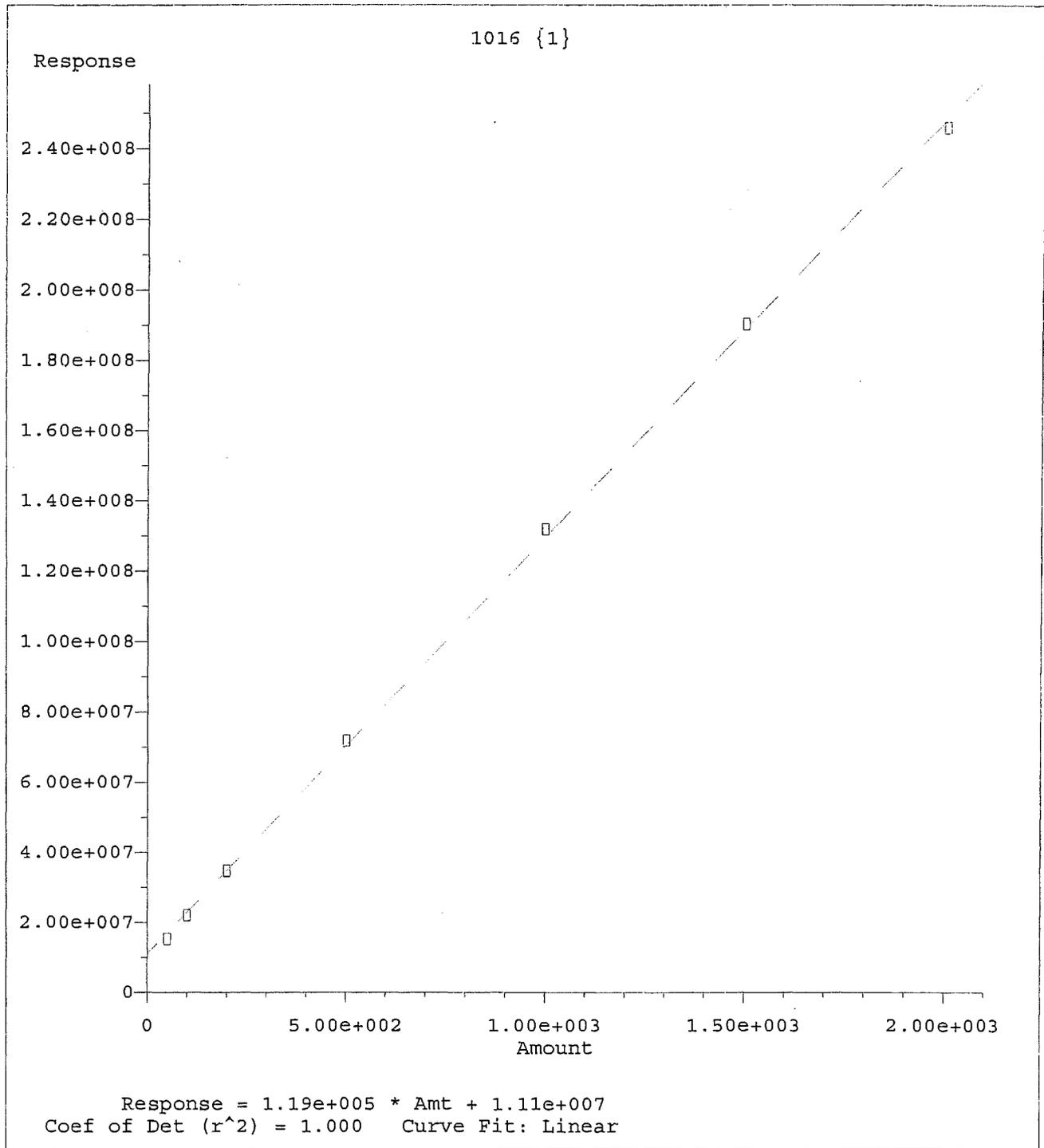
Method Path : C:\MSDCHEM\2\METHODS\
 Method File : PCF2205.M
 Title : Method 8082 - 1016/1260 Initial Calibration
 Last Update : Thu Jun 23 07:02:05 2005
 Response Via : Initial Calibration

Total Cpnds : 25

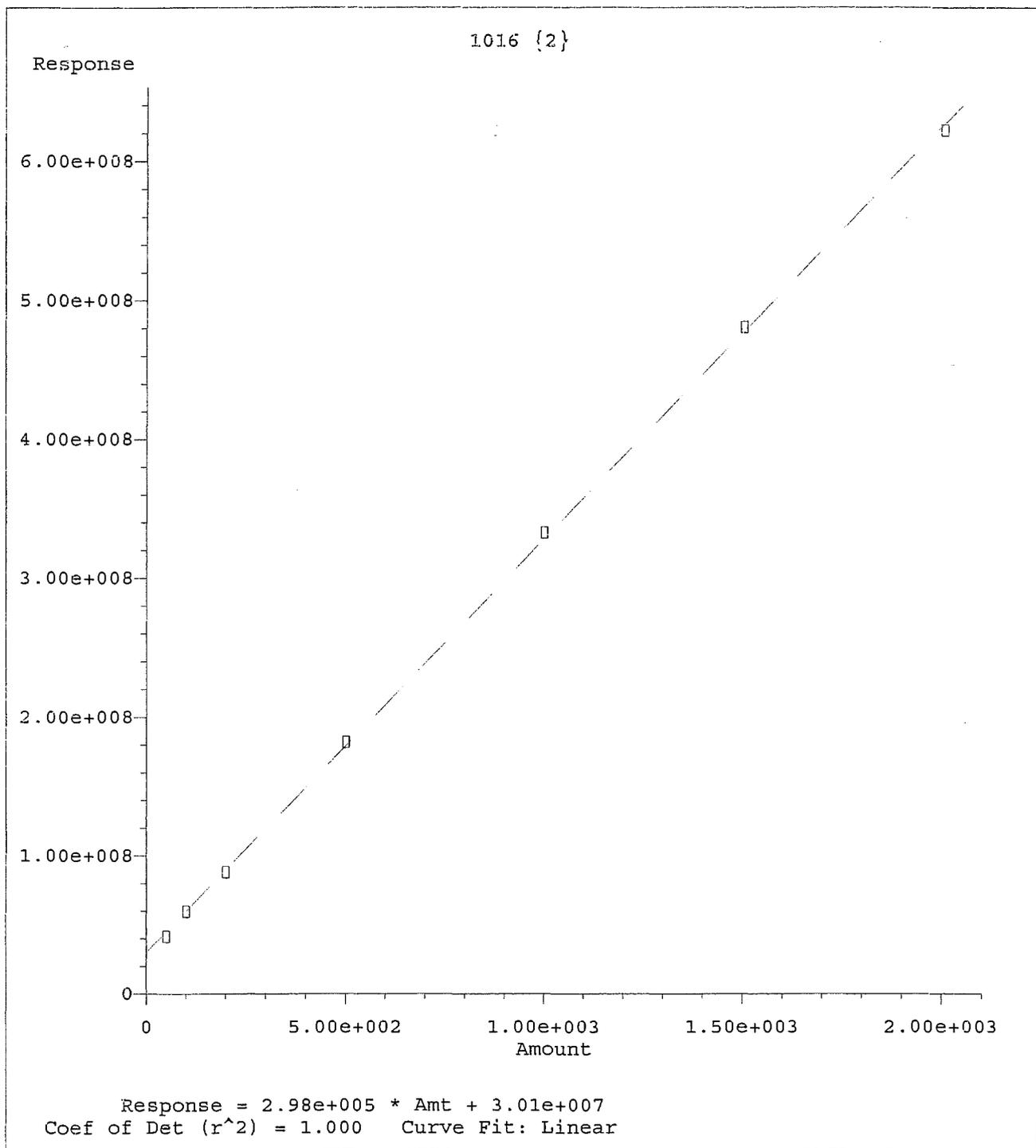
PK#	Compound Name	Exp_RT	Rel_RT	Cal	A/H	ID
1	S tcx	4.57	1.000	A	A	R
2	L1 1016 {1}	5.30	1.000	L	A	R
3	L1 1016 {2}	5.80	1.000	L	A	R
4	L1 1016 {3}	6.26	1.000	L	A	R
5	L1 1016 {4}	6.42	1.000	L	A	R
6	L1 1016 {5}	6.95	1.000	L	A	R
7	L2 1260 {1}	8.23	1.000	A	A	R
8	L2 1260 {2}	8.36	1.000	A	A	R
9	L2 1260 {3}	8.78	1.000	L	A	R
10	L2 1260 {4}	9.36	1.000	A	A	R
11	L2 1260 {5}	9.80	1.000	A	A	R
12	S dcb	10.95	1.000	A	A	R
13	Signal #2	15.67	1.000	A	A	R
14	S tcx #2	4.61	1.000	A	A	R
15	L1 1016 {1} #2	5.06	1.000	L	A	R
16	L1 1016 {2} #2	5.50	1.000	L	A	R
17	L1 1016 {3} #2	6.15	1.000	L	A	R
18	L1 1016 {4} #2	6.45	1.000	L	A	R
19	L1 1016 {5} #2	6.67	1.000	L	A	R
20	L2 1260 {1} #2	8.00	1.000	A	A	R
21	L2 1260 {2} #2	8.31	1.000	A	A	R
22	L2 1260 {3} #2	8.61	1.000	A	A	R
23	L2 1260 {4} #2	9.28	1.000	A	A	R
24	L2 1260 {5} #2	9.58	1.000	A	A	R
25	S dcb #2	10.75	1.000	A	A	R

Cal A = Average L = Linear LO = Linear w/origin Q = Quad QO = Quad w/origin
 A/H = Area or Height
 ID R = R.T. B = R.T. & Q Q = Qvalue L = Largest A = All

PCF2205.M Thu Jun 23 07:05:42 2005

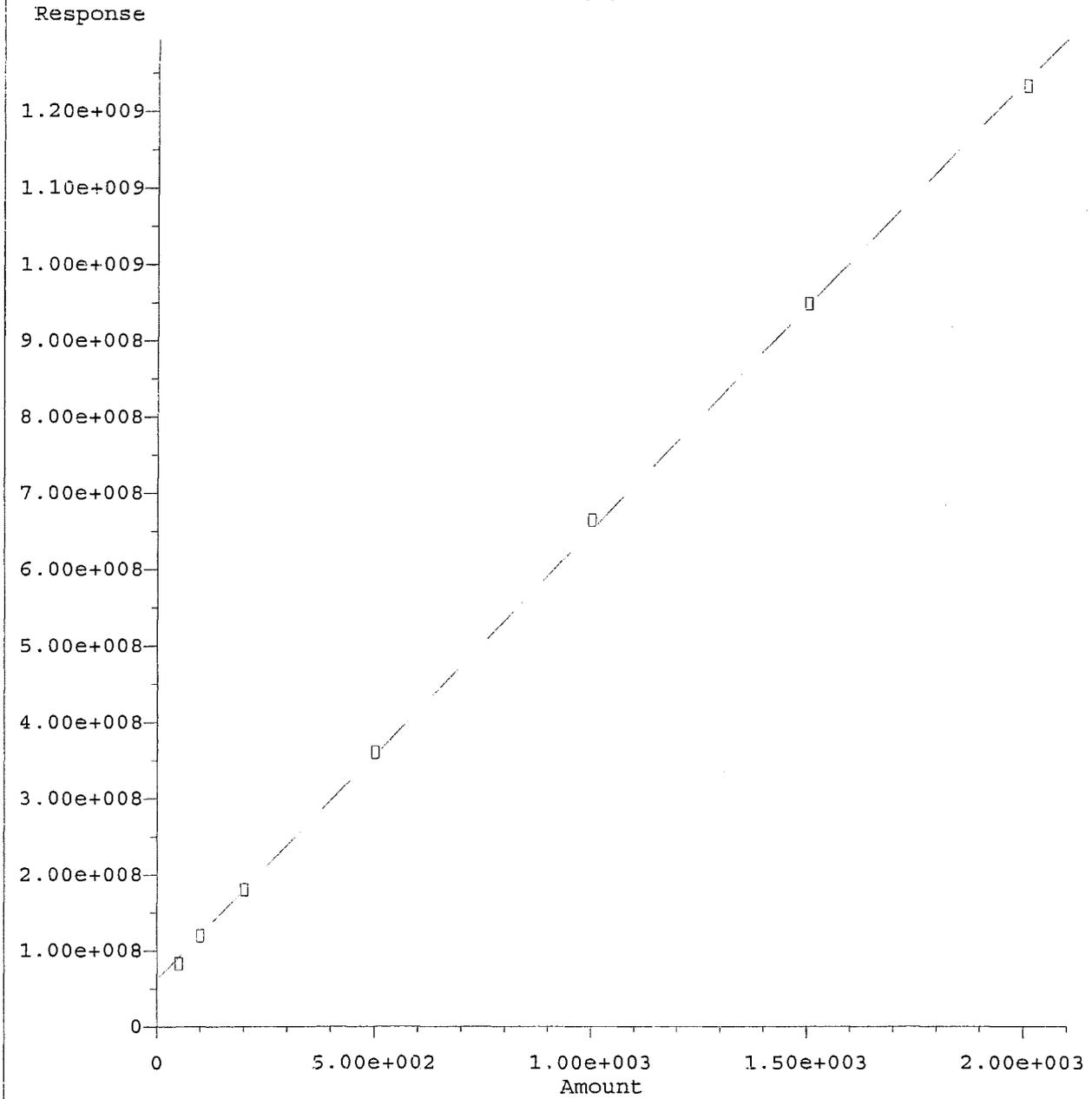


Method Name: C:\MSDCHEM\2\METHODS\PCF2205.M
 Calibration Table Last Updated: Thu Jun 23 07:02:05 2005



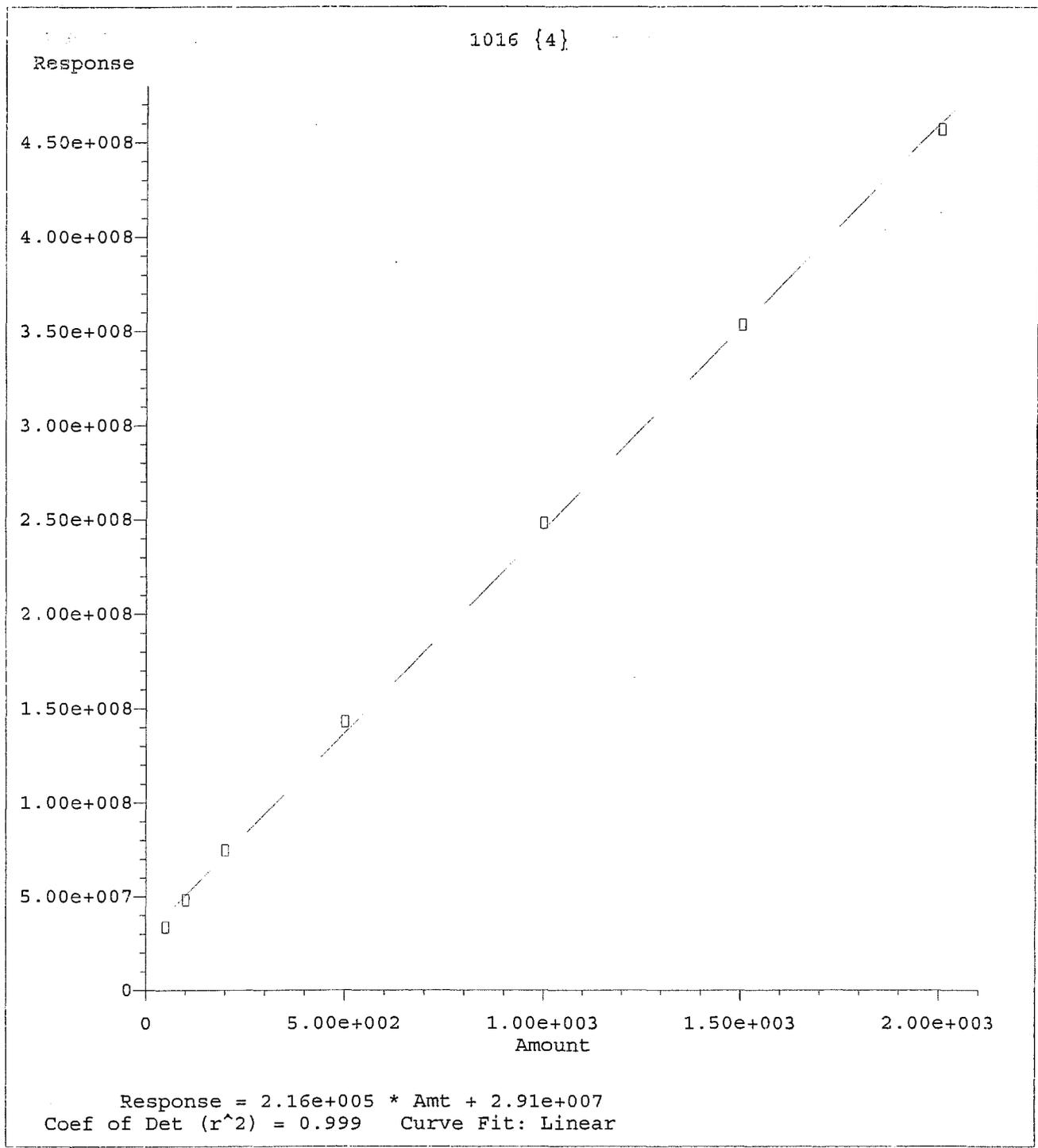
Method Name: C:\MSDCHEM\2\METHODS\PCF2205.M
Calibration Table Last Updated: Thu Jun 23 07:02:05 2005

1016 {3}

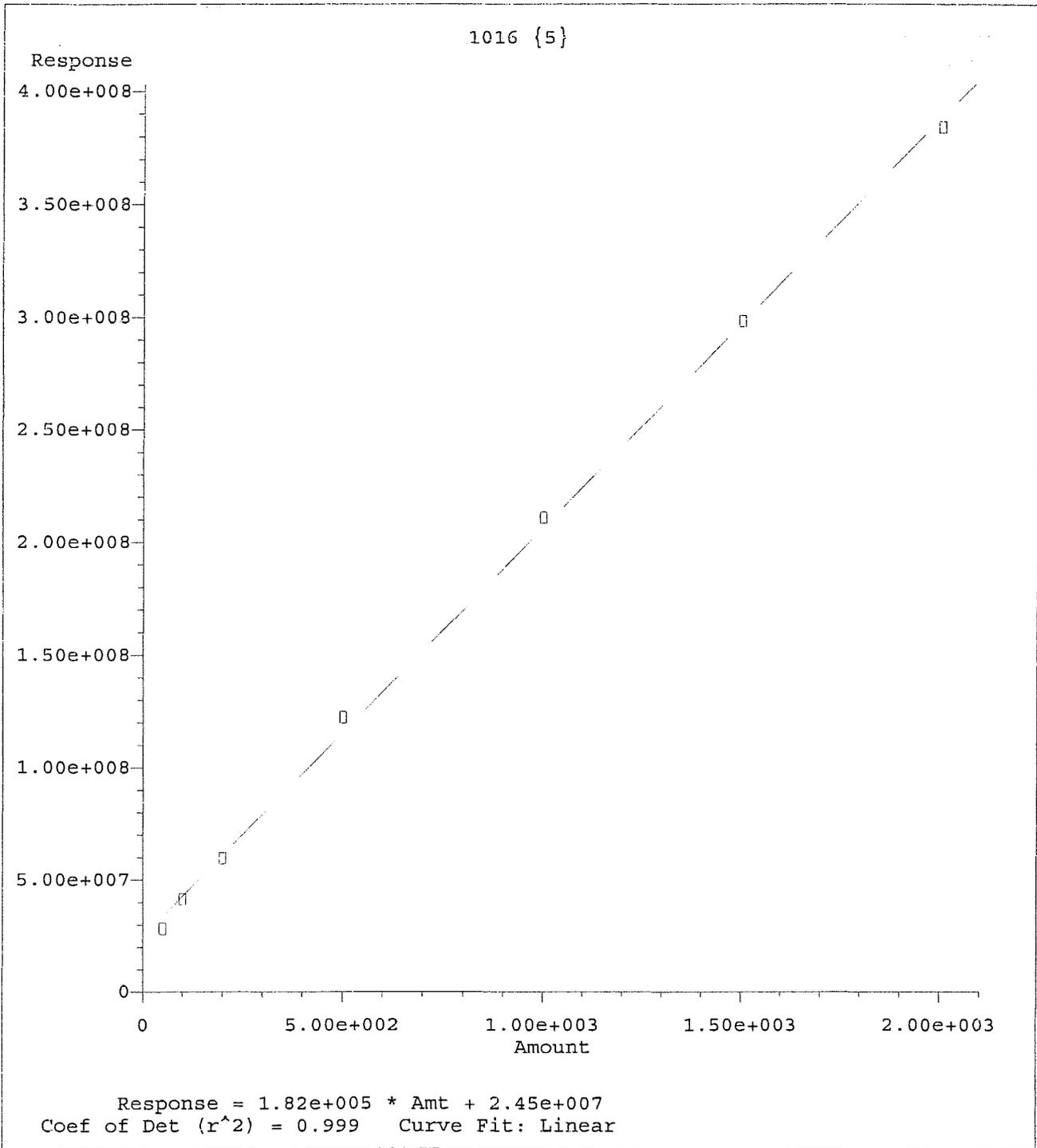


Response = 5.89e+005 * Amt + 6.21e+007
Coef of Det (r^2) = 1.000 Curve Fit: Linear

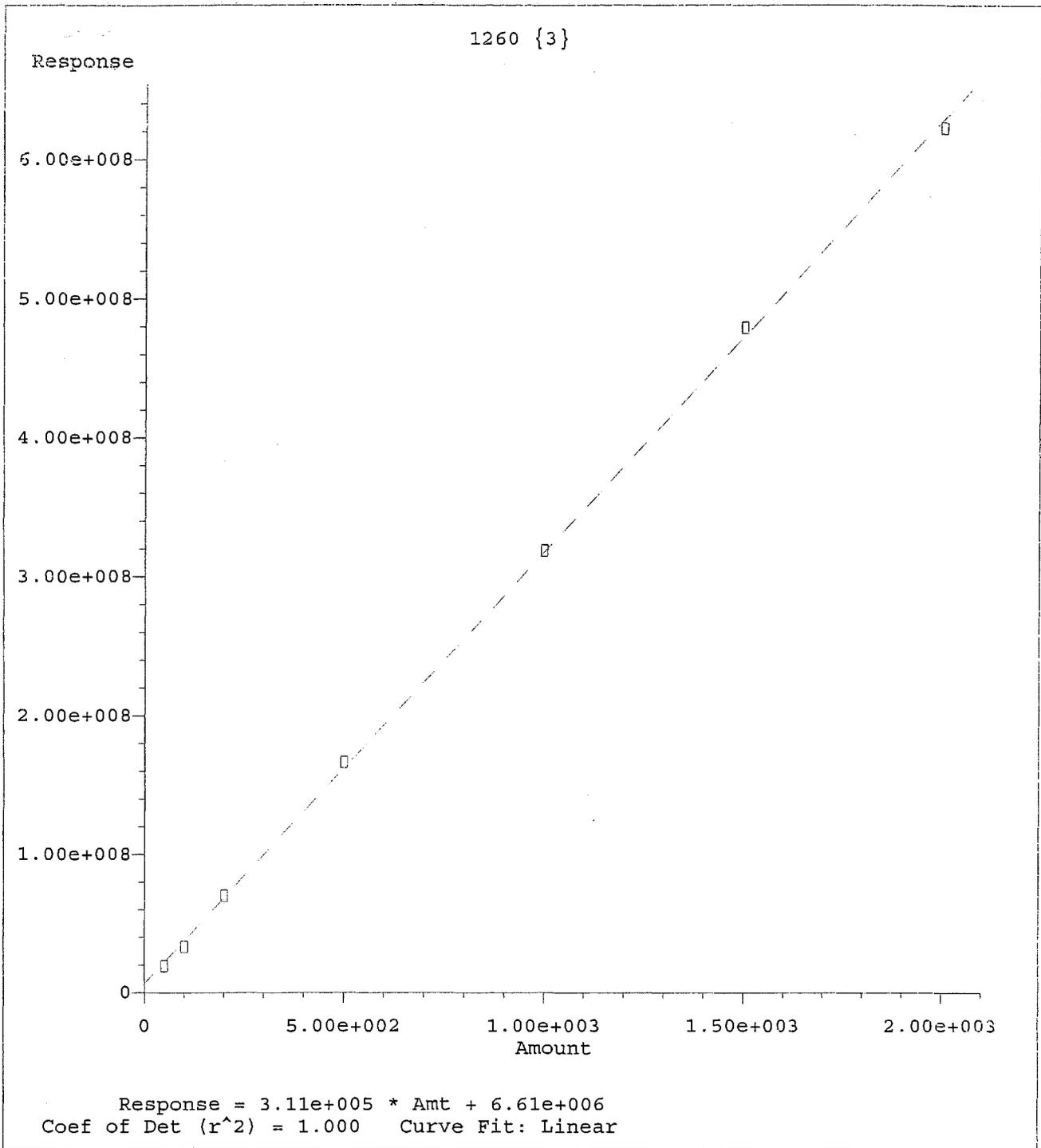
Method Name: C:\MSDCHEM\2\METHODS\PCF2205.M
Calibration Table Last Updated: Thu Jun 23 07:02:05 2005



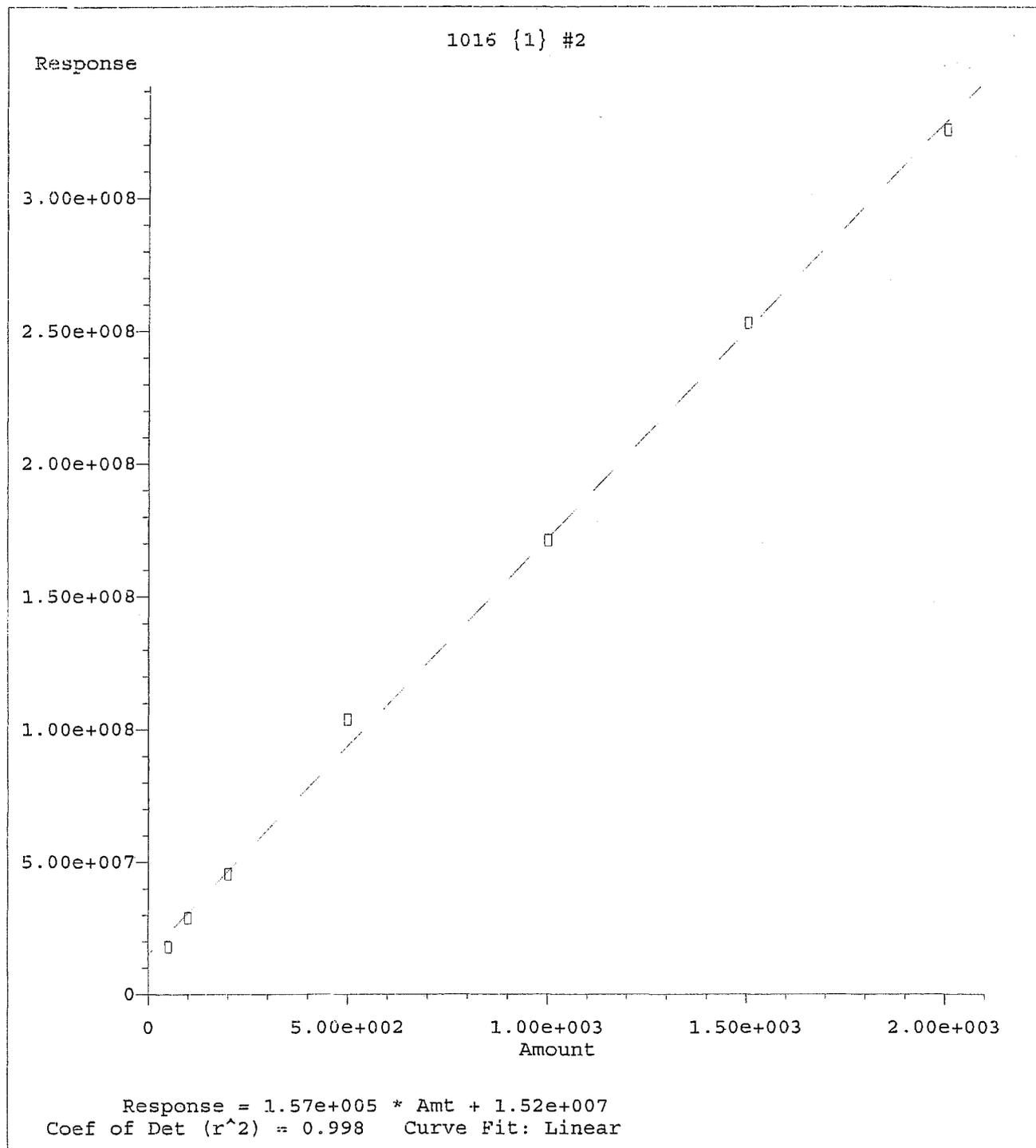
Method Name: C:\MSDCHEM\2\METHODS\PCF2205.M
Calibration Table Last Updated: Thu Jun 23 07:02:05 2005



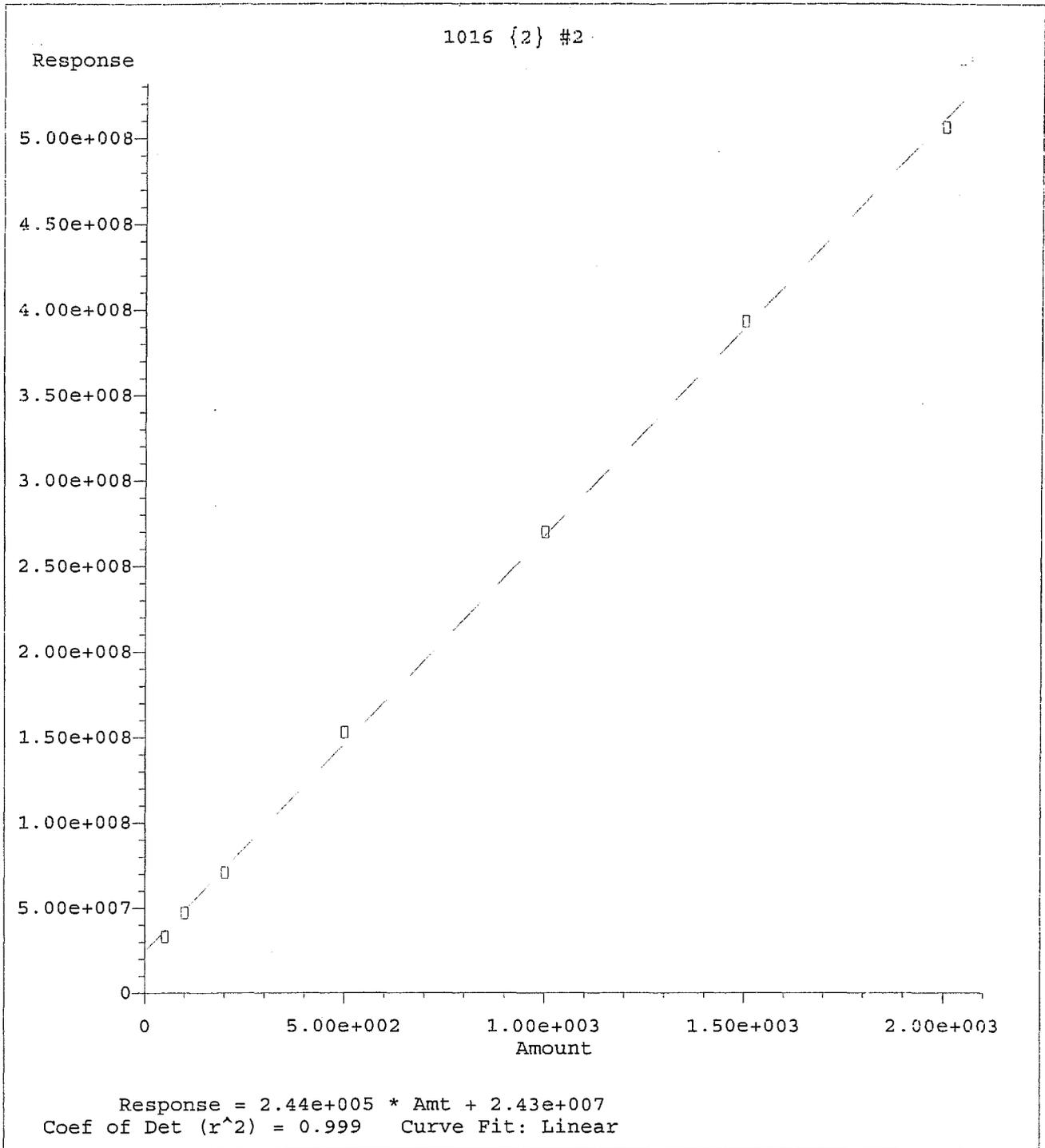
Method Name: C:\MSDCHEM\2\METHODS\PCF2205.M
 Calibration Table Last Updated: Thu Jun 23 07:02:05 2005



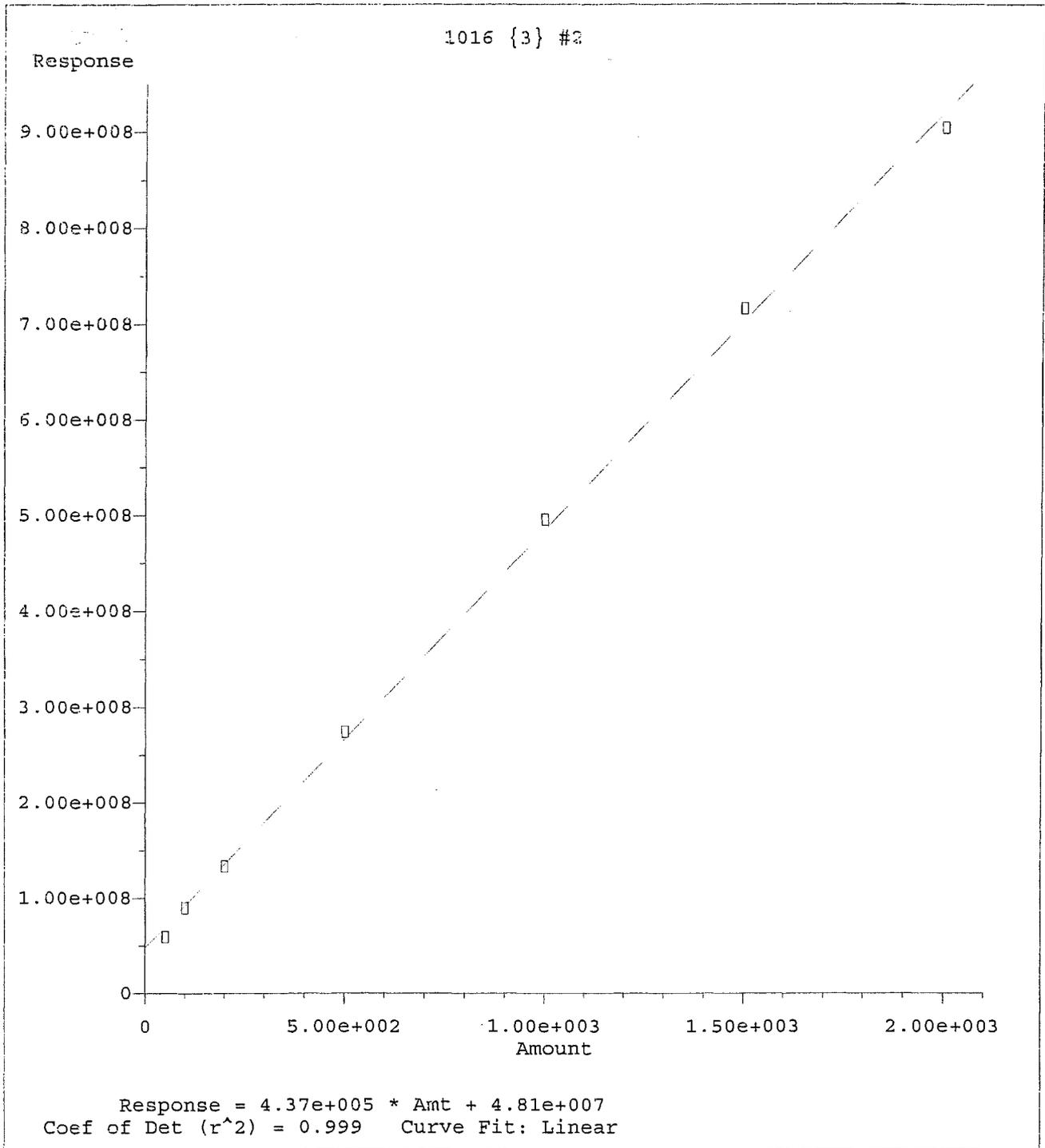
Method Name: C:\MSDCHEM\2\METHODS\PCF2205.M
 Calibration Table Last Updated: Thu Jun 23 07:02:05 2005



Method Name: C:\MSDCHEM\2\METHODS\PCF2205.M
 Calibration Table Last Updated: Thu Jun 23 07:02:05 2005

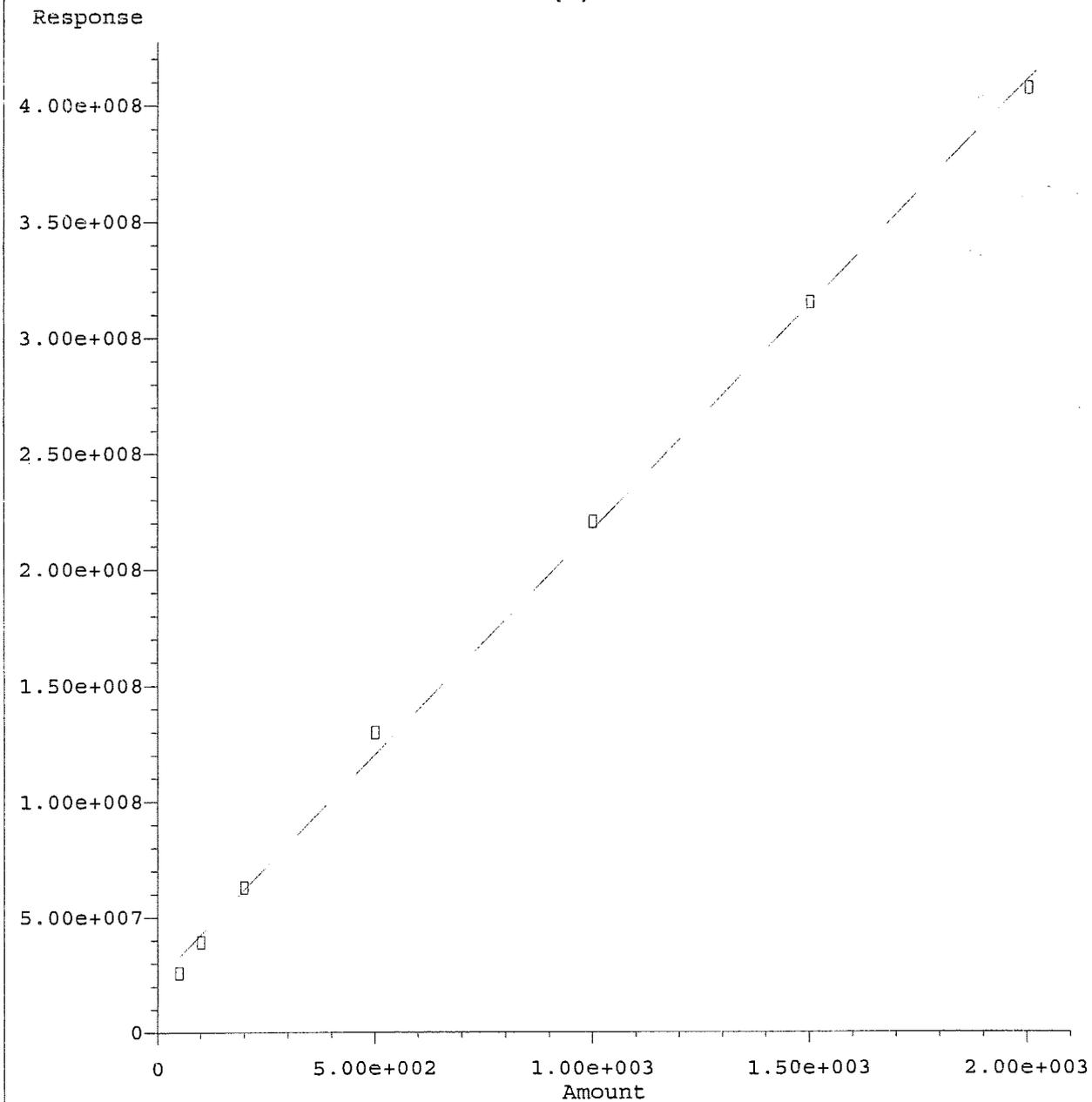


Method Name: C:\MSDCHEM\2\METHODS\PCF2205.M
Calibration Table Last Updated: Thu Jun 23 07:02:05 2005



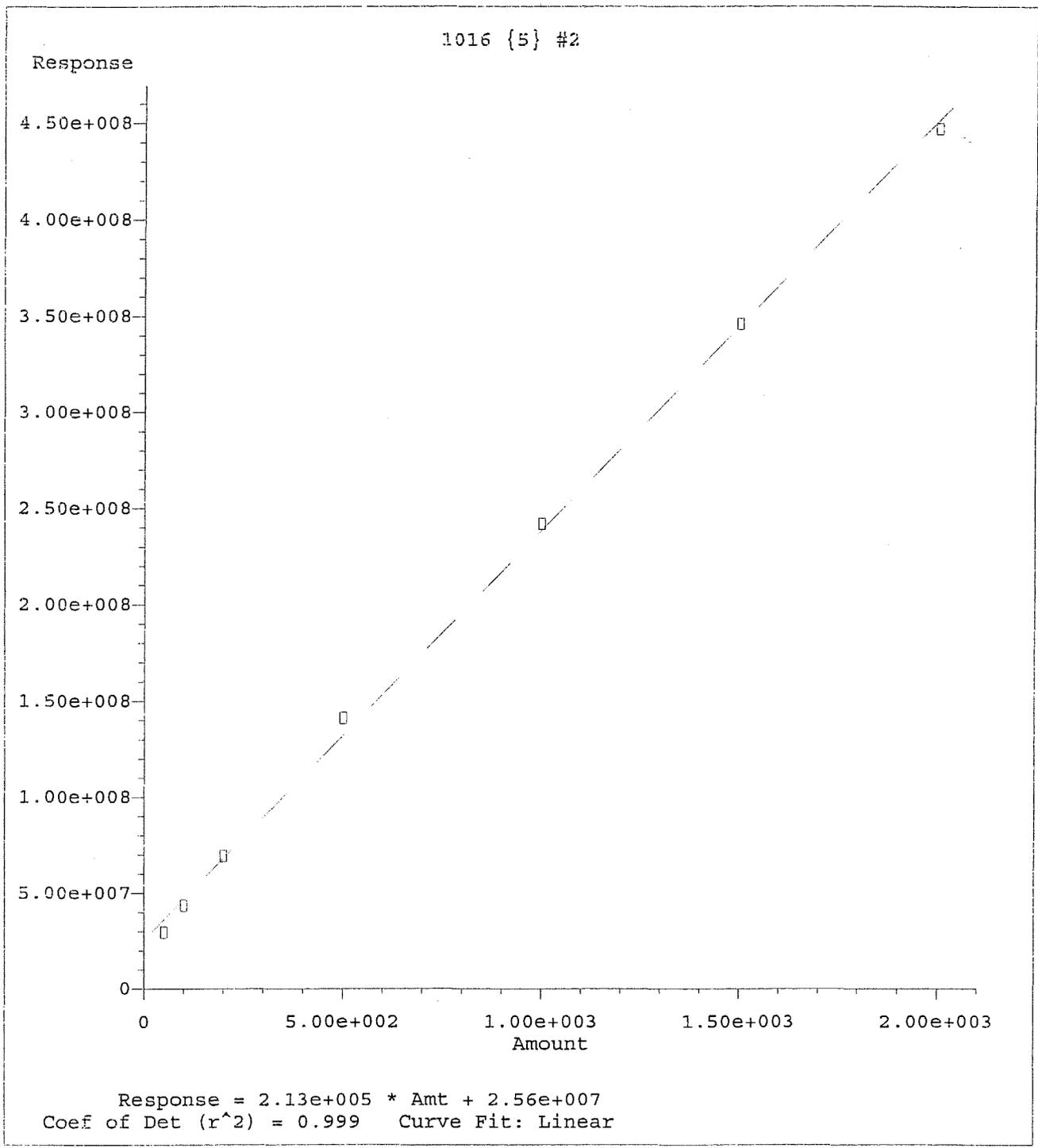
Method Name: C:\MSDCHEM\2\METHODS\PCF2205.M
 Calibration Table Last Updated: Thu Jun 23 07:02:05 2005

1016 {4} #2



Response = 1.94e+005 * Amt + 2.30e+007
Coef of Det (r^2) = 0.999 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCF2205.M
Calibration Table Last Updated: Thu Jun 23 07:02:05 2005



Method Name: C:\MSDCHEM\2\METHODS\PCF2205.M
Calibration Table Last Updated: Thu Jun 23 07:02:05 2005

Injection Log

Directory: C:\MSDCHEM\2\DATA\062205

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	96	F22001.d	0.	5F22008-IBL1	1x	Unrecognized:Un
2	96	F22002.d	0.	5F22008-IBL2	1x	Unrecognized:Un
3	100	F22003.d	0.	5F22008-CCV1	1x 5060008	Unrecognized:Un
4	1	F22004.d	0.	5F21049-BLK2	1x	Unrecognized:Un
5	2	F22005.d	0.	5F21049-BS2	1x	Unrecognized:Un
6	3	F22006.d	0.	5F21049-BSD2	1x	Unrecognized:Un
7	4	F22007.d	0.	5F21049-MS2	1x	Unrecognized:Un
8	5	F22008.d	0.	5F21049-MSD2	1x	Unrecognized:Un
9	6	F22009.d	0.	B5F0446-01	1x	Unrecognized:Un
10	7	F22010.d	0.	B5F0446-02	1x	Unrecognized:Un
11	8	F22011.d	0.	B5F0446-03	1x	Unrecognized:Un
12	100	F22012.d	0.	5F22008-CCV2	1x 5060008	22 Jun 2005 10:17
13	100	F22013.d	0.	5F22008-CCV3	1x 5060008	22 Jun 2005 11:24
14	96	F22014.d	0.	5F22008-IBL3	1x	Unrecognized:Un
15	96	F22015.d	0.	5F22008-IBL4	1x	Unrecognized:Un
16	96	F22016.d	0.	5F22008-IBL5	1x	Unrecognized:Un
17	100	F22017.d	0.	5F22008-CCV4	1x 5060008	Unrecognized:Un
18	100	F22018.d	0.	5F22008-CCV5	1x 5060008	Unrecognized:Un
19	1	F22019.d	0.	5F22008-CAL1	1x 5060004 10ug/L	Unrecognized:Un
20	2	F22020.d	0.	5F22008-CAL2	1x 5060005 50ug/L	Unrecognized:Un
21	3	F22021.d	0.	5F22008-CAL3	1x 5060006 100ug/L	Unrecognized:Un
22	4	F22022.d	0.	5F22008-CAL4	1x 5060007 200ug/L	Unrecognized:Un
23	5	F22023.d	0.	5F22008-CAL5	1x 5060008 500ug/L	Unrecognized:Un
24	6	F22024.d	0.	5F22008-CAL6	1x 5060009 1000ug/L	Unrecognized:Un
25	7	F22025.d	0.	5F22008-CAL7	1x 5060010 1500ug/L	Unrecognized:Un
26	8	F22026.d	0.	5F22008-CAL8	1x 5060011 2000ug/L	Unrecognized:Un
27	9	F22027.d	0.	5F22008-SCV1	1x 4070222 500ug/...	Unrecognized:Un
28	9	F22028.d	0.	5F22008-SCV2	1x 4070222 500ug/...	Unrecognized:Un
29	10	F22029.d	0.	5F22008-CAL9	1x 4110193 1221	Unrecognized:Un
30	11	F22030.d	0.	5F22008-CALA	1x 4110195 1232	Unrecognized:Un
31	12	F22031.d	0.	5F22008-CALB	1x 5010281 1242	Unrecognized:Un
32	13	F22032.d	0.	5F22008-CALC	1x 5010282 1248	Unrecognized:Un
33	14	F22033.d	0.	5F22008-CALD	1x 5010283 1254	Unrecognized:Un
34	15	F22034.d	0.	5F22008-CALE	1x 5010284 1262	Unrecognized:Un
35	16	F22035.d	0.	5F22008-CALF	1x 5010285 1268	Unrecognized:Un
36	5	F22036.d	0.	5F22008-CCV6	1x 5060008	Unrecognized:Un
37	5	F22037.d	0.	5F22008-CCV7	1x 5060008	Unrecognized:Un
38	36	F22038.d	0.	5F21049-BLK2	1x	22 Jun 2005 22:17
39	37	F22039.d	0.	5F21049-BS2	1x	22 Jun 2005 22:35
40	38	F22040.d	0.	5F21049-BSD2	1x	22 Jun 2005 22:54
41	39	F22041.d	0.	5F21049-MS3	5x	22 Jun 2005 23:11
42	40	F22042.d	0.	5F21049-MSD3	5x	22 Jun 2005 23:28
43	41	F22043.d	0.	B5F0446-01RE1	5x	22 Jun 2005 23:47
44	42	F22044.d	0.	B5F0446-02RE1	5x	23 Jun 2005 00:05
45	43	F22045.d	0.	B5F0446-03RE1	5x	23 Jun 2005 00:23
46	44	F22046.d	0.	5F21074-BLK2	1x	23 Jun 2005 00:41
47	45	F22047.d	0.	5F21074-BS2	1x	23 Jun 2005 00:59
48	46	F22048.d	0.	5F21074-BSD2	1x	Unrecognized:Un
49	100	F22049.d	0.	5F22008-CCV8	1x 5060008	Unrecognized:Un
50	100	F22050.d	0.	5F22008-CCV9	1x 5060008	Unrecognized:Un
51	47	F22051.d	0.	5F21074-MS2	1x	Unrecognized:Un
52	48	F22052.d	0.	5F21074-MSD2	1x	Unrecognized:Un
53	49	F22053.d	0.	B5F0307-03	1x	Unrecognized:Un
54	50	F22054.d	0.	B5F0308-08	1x	Unrecognized:Un
55	51	F22055.d	0.	B5F0349-02	1x	Unrecognized:Un

PCF2205

Injection Log

Directory: C:\MSDCHEM2\DATA\062205

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
56	52	F22056.d	0.	B5F0349-13	1x	Unrecognized:Un
57	53	F22057.d	0.	B5F0349-16	1x	Unrecognized:Un
58	54	F22058.d	0.	B5F0349-25	1x	Unrecognized:Un
59	55	F22059.d	0.	B5F0414-01	1x	Unrecognized:Un
60	56	F22060.d	0.	B5F0414-02	1x	Unrecognized:Un
61	100	F22061.d	0.	5F22008-CCVA	1x 5060008	Unrecognized:Un
62	100	F22062.d	0.	5F22008-CCVB	1x 5060008	Unrecognized:Un
63	57	F22063.d	0.	B5F0414-03	1x	Unrecognized:Un
64	58	F22064.d	0.	B5F0414-04	1x	Unrecognized:Un
65	59	F22065.d	0.	B5F0414-05	1x	Unrecognized:Un
66	60	F22066.d	0.	5F13065-BLK1	1x	Unrecognized:Un
67	61	F22067.d	0.	5F13065-BS1	1x	Unrecognized:Un
68	62	F22068.d	0.	5F13065-BSD1	1x	Unrecognized:Un

still running...

run 6.23.05

PREPARATION BENCH SHEET

5G27046

North Creek Analytical - Bothell

Printed: 7/27/2005 12:56:46PM

Matrix: Soil Prepared using: Extractions - Dry Weight (No Surrogate)

Lab Number	Analysis	Prepared	Initial (g)	Final (g)	Spike ID	Source ID	ul Spike	ul Surrogate	Final Initial Vol	Final Spike	Extraction Comments	
5G27046-BLK1	QC	07/27/05 12:54	5	5					5	5	SP	
B5G0376-23	Dry Weight	07/27/05 12:54	5	5								
B5G0376-24	Dry Weight	07/27/05 12:54	5	5								
B5G0377-01	Dry Weight	07/27/05 12:54	5	5								
B5G0377-02	Dry Weight	07/27/05 12:54	5	5								
B5G0377-03	Dry Weight	07/27/05 12:54	5	5								
B5G0377-04	Dry Weight	07/27/05 12:54	5	5								
B5G0377-05	Dry Weight	07/27/05 12:54	5	5								
B5G0377-06	Dry Weight	07/27/05 12:54	5	5								
B5G0377-07	Dry Weight	07/27/05 12:54	5	5								
B5G0516-01	Dry Weight	07/27/05 12:54	5	5								
B5G0516-02	Dry Weight	07/27/05 12:54	5	5								
B5G0517-01	Dry Weight	07/27/05 12:54	5	5								
B5G0531-01	Dry Weight	07/27/05 12:54	5	5								
B5G0539-01	Dry Weight	07/27/05 12:54	5	5								
B5G0539-02	Dry Weight	07/27/05 12:54	5	5								
B5G0539-03	Dry Weight	07/27/05 12:54	5	5								
B5G0539-04	Dry Weight	07/27/05 12:54	5	5								
B5G0543-01	Dry Weight	07/27/05 12:54	5	5								
B5G0543-02	Dry Weight	07/27/05 12:54	5	5								
B5G0543-03	Dry Weight	07/27/05 12:54	5	5								

Spiking Witness: SP Date: 7/28/05

Preparation Reviewed By: _____ Date: _____

Extracts Received By: _____ Date: _____

PREPARATION BENCH SHEET

5G27062

North Creek Analytical - Bothell

Printed: 8/4/2005 10:08:35AM

Matrix: Soil **Prepared using: Extractions - EPA 3550B** **Surrogate used: 5060222**

Lab Number	Analysis	Prepared	Initial (g)	Final (ml)	Spike ID	Source ID	ul Spike	ul Surrogate	Final Initial Vol	Final Spike	Extraction Comments
B5G0392-04	8081A Pesticides	07/27/05 14:32	30	5				100			wet
B5G0392-04: limited sample											
B5G0392-04RE	8081A Pesticides	07/27/05 14:32	30	5				100			Added 8/2/2005 by EAG
B5G0392-04RE1: Added 8/2/2005 by EAG											
B5G0392-05	8081A Pesticides	07/27/05 14:32	30.3	5				100			many large rocks
B5G0392-05: limited sample											
B5G0392-05RE	8081A Pesticides	07/27/05 14:32	30.3	5				100			Added 8/2/2005 by EAG
B5G0392-05RE1: Added 8/2/2005 by EAG											
B5G0392-06	8081A Pesticides	07/27/05 14:32	30.5	5				100			many large rocks
B5G0392-06: limited sample											
B5G0392-06RE	8081A Pesticides	07/27/05 14:32	30.5	5				100			Added 8/2/2005 by EAG
B5G0392-06RE1: Added 8/2/2005 by EAG											
B5G0478-03	8081A COE-AK	07/27/05 14:32	30.1	5				100			some organic material; faint chemical o
B5G0478-03: MDL rpt; upload by sequence; USACE-AK CLs											
B5G0478-03	8081A Pesticides	07/27/05 14:32	30.1	5				100			Added for BatchQC in: 5G27062
B5G0478-03: BatchQC											
B5G0478-03	8082 COE-AK	07/27/05 14:32	30.1	5				100			Added for BatchQC in: 5G27062
B5G0478-03: BatchQC											
B5G0478-03	8082 PCB Only	07/27/05 14:32	30.1	5				100			Added for BatchQC in: 5G27062
B5G0478-03: BatchQC											
B5G0478-03RE	8081A COE-AK	07/27/05 14:32	30.1	5				100			Added 8/2/2005 by EAG
B5G0478-03RE1: Added 8/2/2005 by EAG											
B5G0492-01	8082 PCB Only	07/27/05 14:32	30.4	5				100			wet; some organic material
B5G0492-02	8082 PCB Only	07/27/05 14:32	29.5	5				100			moist
B5G0492-03	8081A COE-AK	07/27/05 14:32	29.7	5				100			Added for BatchQC in: 5G27062

Spiking Witnessed By _____ Date _____

Preparation Reviewed By _____ Date _____

Extracts Received By _____ Date _____

PREPARATION BENCH SHEET

5G27062

North Creek Analytical - Bothell

Printed: 8/4/2005 10:08:35AM

Matrix: Soil **Prepared using: Extractions - EPA 3550B** **Surrogate used: 5060222**

Lab Number	Analysis	Prepared	Initial (g)	Final (ml)	Spike ID	Source ID	ul Spike	ul Surrogate	Final Initial Vol	Final Spike	Extraction Comments
B5G0492-03: BatchQC											
B5G0492-03	8081A Pesticides	07/27/05 14:32	29.7	5				100			Added for BatchQC in: 5G27062
B5G0492-03: BatchQC											
B5G0492-03	8082 COE-AK	07/27/05 14:32	29.7	5				100			Added for BatchQC in: 5G27062
B5G0492-03: BatchQC											
B5G0492-03	8082 PCB Only	07/27/05 14:32	29.7	5				100			moist
B5G0492-04	8082 PCB Only	07/27/05 14:32	29.9	5				100			wet
B5G0492-04RE	8082 PCB Only	07/27/05 14:32	29.9	5				100			Added 7/29/2005 by EAG
B5G0492-04RE1: Added 7/29/2005 by EAG											
B5G0492-05	8082 PCB Only	07/27/05 14:32	30.4	5				100			lots of organic material; worms; moist
B5G0492-06	8082 PCB Only	07/27/05 14:32	15.3	5				100			Matrix is Joint Compound; looks like d
B5G0492-06: Matrix is Joint Compound											
B5G0492-07	8082 PCB Only	07/27/05 14:32	30.2	5				100			Matrix is Joint Compound; chunks of d
B5G0492-07: Matrix is Joint Compound											
B5G0492-08	8082 PCB Only	07/27/05 14:32	15.2	5				100			Matrix is Joint Compound; looks like d
B5G0492-08: Matrix is Joint Compound											
B5G0492-08RE	8082 PCB Only	07/27/05 14:32	15.2	5				100			Added 7/29/2005 by EAG
B5G0492-08RE1: Added 7/29/2005 by EAG											
B5G0543-01	8082 COE-AK	07/27/05 14:32	29.7	5				100			sand & rocks
B5G0543-01: MDL rpt; upload by sequence; USACE-AK CLs											
B5G0543-02	8082 COE-AK	07/27/05 14:32	30.4	5				100			sand & rocks
B5G0543-02: MDL rpt; upload by sequence; USACE-AK CLs											
B5G0543-03	8082 COE-AK	07/27/05 14:32	30.2	5				100			sand & rocks
B5G0543-03: MDL rpt; upload by sequence; USACE-AK CLs											
B5G0543-03RE	8082 COE-AK	07/27/05 14:32	30.2	5				100			Added 7/29/2005 by EAG

Spiking Witnessed By _____ Date _____

Preparation Reviewed By _____ Date _____

Extracts Received By _____ Date _____

PREPARATION BENCH SHEET

5G27062

North Creek Analytical - Bothell

Printed: 8/4/2005 10:08:35AM

Matrix: Soil **Prepared using: Extractions - EPA 3550B** **Surrogate used: 5060222**

Lab Number	Analysis	Prepared	Initial (g)	Final (ml)	Spike ID	Source ID	ul Spike	ul Surrogate	Final Vol	Spike	Extraction Comments
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B5G0543-03RE1: Added 7/29/2005 by EAG

start: 07/27/05 finish: 07/27/05 1:1MeCl2:Acetone: 072705 Hydromatrix: 04905 Hexane: 050139 Na2SO4: 072305 sonicators tuned Florisil: EA51175C cleaned by: LDLon:
07/28/05 viald by: LDL on: 07/28/05

Spiking Witnessed By _____ Date _____

Preparation Reviewed By _____ Date _____

Extracts Received By _____ Date _____

PREPARATION BENCH SHEET

27

5G27062

North Creek Analytical - Bothell

Printed: 7/27/05 2:49:35PM

Matrix: Soil

Prepared using: Extractions - EPA 3550B

Surrogate used: 5060222

Lab Number	Analysis	Prepared	Initial (g)	Final (ml)	Spike ID	Source ID	ul Spike	ul Surrogate	Final Initial	Final Vol	Final Spike	Extraction Comments
5G27062-BLK1	QC	07/27/05 14:32	30	5				100	30	100	30	
5G27062-BS1	QC	07/27/05 14:32	30	5	5060221		100	100				
5G27062-BS2	QC	07/27/05 14:32	30	5	5020219		1000	100				
5G27062-BSD1	QC	07/27/05 14:32	30	5	5060221		100	100				
5G27062-BSD2	QC	07/27/05 14:32	30	5	5020219		1000	100				
5G27062-MS1	QC	07/27/05 14:32	30.1	5	5060221	478-03	100	100				SOME ORGANIC MATERIAL; FAINT CHEMICAL ODOR
5G27062-MS2	QC	07/27/05 14:32	30.4	5	5020219	492-03	1000	100				
5G27062-MSD1	QC	07/27/05 14:32	30.4	5	5060221	478-03	100	100				SOME ORGANIC MATERIAL; FAINT CHEMICAL ODOR
5G27062-MSD2	QC	07/27/05 14:32	29.7 30	5	5020219	492-03	1000	100				
B5G0392-01	8081A Pesticides	07/27/05 14:32	30.0	5				100				MANY ROCKS & ORGANIC MATERIAL limited sample
B5G0392-01: limited sample												
B5G0392-02	8081A Pesticides	07/27/05 14:32	30.5	5				100				limited sample LOTS OF ROCKS
B5G0392-02: limited sample												
B5G0392-03	8081A Pesticides	07/27/05 14:32	29.7 30	5				100				WET; MANY LARGE ROCKS limited sample
B5G0392-03: limited sample												
B5G0392-04	8081A Pesticides	07/27/05 14:32	30.0	5				100				limited sample WET
B5G0392-04: limited sample												
B5G0392-05	8081A Pesticides	07/27/05 14:32	30.3	5				100				limited sample MANY LARGE ROCKS
B5G0392-05: limited sample												
B5G0392-06	8081A Pesticides	07/27/05 14:32	30.5	5				100				limited sample ↓
B5G0392-06: limited sample												
B5G0478-03	8081A COE-AK	07/27/05 14:32	30.1	5				100				SOME ORGANIC MATERIAL MDL rpt; upload by sequence; USACE FAINT CHEMICAL ODOR
B5G0478-03: MDL rpt; upload by sequence; USACE-AK CLs												
B5G0492-01	8082 PCB Only	07/27/05 14:32	30.4	5				100				WET; SOME ORGANIC MATERIAL

Spiking Witness: JCB

Date: 07/27/05

Preparation Reviewed By

Date

Extracts Received By

Date

PREPARATION BENCH SHEET

5G27062

North Creek Analytical - Bothell

Printed: 7/27/05 2:49:35PM

Matrix: Soil Prepared using: Extractions - EPA 3550B Surrogate used: 5060222

Lab Number	Analysis	Prepared	Initial (g)	Final (ml)	Spike ID	Source ID	ul Spike	ul Surrogate	Final Initial Vol Spike	Extraction Comments
B5G0492-02	8082 PCB Only	07/27/05 14:32	29.5/30	5				100	JCB	MOIST
B5G0492-03	8082 PCB Only	07/27/05 14:32	29.7/30	5				100		↓
B5G0492-04	8082 PCB Only	07/27/05 14:32	29.9/30	5				100		WET
B5G0492-05	8082 PCB Only	07/27/05 14:32	30.4	5				100		LOTS OF ORGANIC MATTER; INGRMS; moist
B5G0492-06	8082 PCB Only	07/27/05 14:32	15.3/30	5				100		LOOKS LIKE DRY TAC Matrix is Joint Compound
B5G0492-06: Matrix is Joint Compound										
B5G0492-07	8082 PCB Only	07/27/05 14:32	30.2	5				100		CHUNKS OF DRY TAC MIXED; Matrix is Joint Compound
B5G0492-07: Matrix is Joint Compound										
B5G0492-08	8082 PCB Only	07/27/05 14:32	15.2/30	5				100		LOOKS LIKE DRY TAC Matrix is Joint Compound
B5G0492-08: Matrix is Joint Compound										
B5G0543-01	8082 COE-AK	07/27/05 14:32	29.7/30	5				100		SAND & ROCKS MDL rpt; upload by sequence; USACE
B5G0543-01: MDL rpt; upload by sequence; USACE-AK CLs										
B5G0543-02	8082 COE-AK	07/27/05 14:32	30.4	5				100		MDL rpt; upload by sequence; USACE
B5G0543-02: MDL rpt; upload by sequence; USACE-AK CLs										
B5G0543-03	8082 COE-AK	07/27/05 14:32	30.2	5				100		MDL rpt; upload by sequence; USACE
B5G0543-03: MDL rpt; upload by sequence; USACE-AK CLs										

start: 07/27/05 finish: 07/27/05 1:1MeCl2:Acetone: Hydromatrix: 072705 04905 050139 Na2SO4: 072305 sonicators tuned

Florisil: cleaned by: H on: 07/28/05
EA51175C
Viald by: H on: 07/28/05

Spiking Witness: By _____ Date _____ Preparation Reviewed By _____ Date _____ Extracts Received By _____ Date _____

B5G0543

North Creek Analytical - Bothell

Client: USACE - Alaska	Project Manager: Kate Haney
Project: Northeast Cape White Alice BDDR Removal	Project Number: 04-036

<p>Report To: USACE - Alaska Julie Sharp-Dahl PO Box 6898, Building 2212 Third Street Elmendorf AFB, AK/USA 99506-6898 Phone: (907) 753-5689 Fax: 907-753-2636</p>	<p>Invoice To: USACE - Alaska Julie Sharp-Dahl PO Box 6898, Building 2212 Third Street Elmendorf AFB, AK/USA 99506-6898 Phone : (907) 753-5689 Fax: 907-753-2636</p>
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Date Due: 08/12/05 17:00 (13 day TAT)	
Received By: Cathy Gamble	Date Received: 07/26/05 09:25
Logged In By: Tom Blankinship	Date Logged In: 07/26/05 13:56

Samples Received at 2°C
Custody Seals Pres Yes Received On Ice Yes
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confin No

Analysis	Due	TAT	Expires	Comments
B5G0543-01 05NEC31SLSL084 [Soil] Sampled 07/19/05 08:00 Alaskan				
8082 COE-AK	08/01/05 17:00	5	08/02/05 09:00	MDL rpt; upload by sequence; USACE-AK CLs
Data Pkg-Organics	08/01/05 17:00	5	01/15/06 09:00	
Dry Weight	08/01/05 17:00	5	08/16/05 09:00	
B5G0543-02 05NEC31SLSL096 [Soil] Sampled 07/19/05 11:05 Alaskan				
8082 COE-AK	08/01/05 17:00	5	08/02/05 12:05	MDL rpt; upload by sequence; USACE-AK CLs
Data Pkg-Organics	08/01/05 17:00	5	01/15/06 12:05	
Dry Weight	08/01/05 17:00	5	08/16/05 12:05	
B5G0543-03 05NEC31SLSL108 [Soil] Sampled 07/19/05 11:55 Alaskan				
8082 COE-AK	08/01/05 17:00	5	08/02/05 12:55	MDL rpt; upload by sequence; USACE-AK CLs
Data Pkg-Organics	08/01/05 17:00	5	01/15/06 12:55	
Dry Weight	08/01/05 17:00	5	08/16/05 12:55	

NORTH CREEK ANALYTICAL SAMPLE RECEIPT FORM

Client: Army Corps (Army Corp. compliant) COC # NEC-05

1. Please sign for receipt and opening of: Cooler Other:

By (print) Cathy Cumble (sign) Cathy Cumble

2. Date cooler received 7/26/05 Date cooler opened: Same or 1/1/

3. Delivered by NCA courier Habe/ Coldbreak Fed-Ex UPS Express Mess. Client Other
Air bill # if applicable 21670803 (Put copy of shipping papers, etc. in file)

4. There were 2 custody seals present, signed by Larry W. P. D. date 7/25/04

5. Were custody seals unbroken and intact at the date and time of arrival? yes no

6. Was ice used? yes no Type of ice: blue ice gel ice real ice dry ice
Temperature (degrees C) 2.7 Raytek Thermometer 2.0 Digi-Thermo (probe for temp. blank)

7. Were samples screened for radioactivity using the Geiger Counter? yes no
Background average counts per minute: 17 Samples counts per minute: 16

8. Are custody papers sealed in a plastic bag and taped inside to the lid? yes no

9. Were custody papers filled out properly (ink, signed in appropriate places, etc.)? yes no
If "no" please specify: 25037 RF Capt

10. Was project identifiable from custody papers? yes no
Name of the project _____ (if applicable)

11. Initial and date for unpacking of cooler: TD (initials) date 7/26/05

12. Packing in cooler: bubble wrap/bag styrofoam cardboard other

13. Were all containers sealed in separate plastic bags? yes no

14. Did all containers indicated on the COC arrive? yes no
If "no" please indicate which containers were absent _____

15. Were all containers unbroken and labels in good condition? yes no
If "no" please indicate which containers _____

16. Were all bottle labels complete (ID, date, time, signature, etc.)? yes no
Do the ID's, times, etc. agree with the COC? yes no
If "no" please indicate which containers _____

17. Were samples received in proper containers for the indicated analysis? yes no
Are containers properly preserved for the indicated analysis? yes no
Is there adequate volume for the indicated analysis? yes no Soils

18. If voa vials were submitted, are they free of bubbles? N/A yes no
If "no" please indicate which containers _____

19. Log-in Phase: Date samples were logged in: 7/26/05 Element Project # B5G0543

20. Logged in by (print) T. Blankinship (sign) Tom Blankinship

21. Was the project manager notified of status? (Use back of form as a record) yes no

0561054/3

Project communication record:

Who was called? J. Sharp-Dahl By whom? K. Hany (date) 7/26/05

Topic of discussion: Project number for project.

Record of discussion: The project number was not indicated on CDC.

Resolution: Proj # is 04-036

Project communication record:

Who was called? _____ By whom? _____ (date) ___/___/___

Topic of discussion:

Record of discussion:

Resolution:

Project communication record:

Who was called? _____ By whom? _____ (date) ___/___/___

Topic of discussion:

Record of discussion:

Resolution:

Additional Comments:

TAT: 5

Short Hold: _____

Non-Conformances?
Circle Y or N
(If Y, see other side)

NCA SAMPLE RECEIPT CHECKLIST

Received By: _____ Checked-in By: _____ Cooler ID: _____ (____ of ____)

Date: 7/26/05
Time: 7:25
Initials: CB

Date: 7/26/05
Time: 1355
Initials: TD

Work Order No. B5G0543
Client: USACE - Alaska
Project: Northeast Cape White Alice BDBR Removal

Container Type:
 Cooler
 Box
 Other
 None

COC Seals:
 Ship. Container
 On Bottles
 None

Packing Material:
 Bubble Bags
 Foam Packs
 Styrofoam
 Other _____
 None

Refrigerant:
 Gel Ice Pack
 Loose Ice
 None/Other _____

Received Via: _____
 Fed Ex
 UPS
 DHL
 Client
 Courier Kate Haney from Goldatrac
 Other _____

Cooler Temperature (IR ^{Circle} Digital): 20 °C (Frozen filters, Tediars and aqueous Metals exempt) CA#: _____

Temperature Blank? Y or N

Sample Containers:		ID	CA#
Intact?	<u>Y</u> or N	_____	_____
Correct Type?	<u>Y</u> or N	_____	_____
Adequately Labeled? (ID, date and time)	<u>Y</u> or N	_____	_____
#Containers match COC?	<u>Y</u> or N	_____	_____
IDs/time/date match COC?	<u>Y</u> or N	_____	_____
Properly Preserved?	<u>Y</u> or N	<u>Salts</u>	_____
Adequate Volume? (for tests requested)	<u>Y</u> or N	_____	_____

	ID	CA#
Soil VOAs: Headspace?	<u>Y</u> or N	_____
Water VOAs: Headspace?	<u>Y</u> or N	_____
Preserved?	<u>Y</u> or N	_____

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N

Is client information in ELEMENT accurate?
Address? Y or N
Phone #? Y or N
PM? Y or N

Is project information in ELEMENT accurate?
Proj. Name? Y or N
Proj. #? Y or N
Contact? Y or N
Bid/Prices? Y or N
Invoice info? Y or N
Tax info? Y or N
Analyses? Y or N

Has client been contacted regarding non-conformances? Y or N If Y, _____ / _____
Date Time

PM Initials: lll Date: 7/26/05 Time: 1220

Non-Conformances?
Circle Y or N
(If Y, see other side)

NCA Sample Receiving Corrective Action Form

Date: _____
Time: _____
Initials: _____

Cooler ID: _____ (____ of _____)
Work Order No. BSG 093
Client: USAF - Alaska
Project: NE Cape White Alice

Describe Corrective Action: (Reference CA# from Sample Receipt Checklist next to CA below and/or describe CA in comment section)

CA # _____ Salvaged Sample	CA # _____ Replaced Bottle	CA # _____ Replaced Lid
CA # _____ Verified ID w/client	CA # _____ Notified PM	CA # _____ Notified Client
CA # _____ Preserved Sample w/ _____	from Lot#/Reagent ID _____	
CA # _____ Preserved Sample w/ _____	from Lot#/Reagent ID _____	

Cooler Temp: _____ °C (Frozen filters, Tedlars and aqueous Metals exempt) CA#: _____ Select either comment below

Comment: Samples were received outside the recommended temperature range (4°C±2°C). Samples were received on-ice, within 4 hours of collection, but may not have had sufficient time to equilibrate. A temperature range from ambient to 2°C is considered acceptable. The samples will be analyzed as scheduled unless otherwise directed by the client.

Comment: Samples were received outside the recommended temperature range (4°C±2°C). The COC was stamped with "Samples were not received @ 2-6°C upon receipt." The samples will be analyzed as scheduled unless otherwise directed by the client.

Comments or Other Actions Taken:

Reviewed and approved by:

PM Signature

7/26/05
Date

CHAIN OF CUSTODY RECORD

B5G0543

NCA LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-05

Contact: Julie Sharp-Dahl Phone No: 907-753-5689 PAGE 1 OF 1
 Project: 25037 NE Cape

Reports To:
Julie Sharp-Dahl
 P.O. Box 6898
 Building 2212 43rd Street
 Elmendorf AFB, AK 99506

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type C= COMP D= discrete B	PCB 8082	72-hour TAT	Composite sample name	Remarks
-01	05NEC31SLSL084	7/19/05	0800	SL	1	C	X		--	
-02	05NEC31SLSL096	7/19/05	1105	SL	1	C	X		--	
-03	05NEC31SLSL108	7/19/05	1155	SL	1	C	X		--	
									--	
									--	
									--	
									--	
									--	
									--	
									--	

Collected/Relinquished By: (1) <i>Julie Sharp-Dahl</i>	Date 7/19/05	Time 1430	Received By: <i>Patricia Cronin</i>	Shipping Carrier:	Temperature C: 2.0°C
Collected/Relinquished By: (2)	Date	Time	Received By: 7/26 9:25	Shipping Ticket No:	Chain of Custody Seal: (Circle) <input checked="" type="checkbox"/> INTACT <input type="checkbox"/> BROKEN <input type="checkbox"/> ABSENT
Collected/Relinquished By: (3)	Date	Time	Received By:	Data Deliverables: USACE data deliverables requested; SEDD and COELT EDDs requested	Requested Turnaround Time and Special Instructions: Composite samples as requested above. Run composite samples under identifiers as requested above. Provide QA/QC samples as requested in "remarks"
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:	NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	

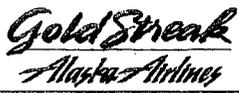
CUSTODY SEAL

Signature: *Perry W. Lake* Date/Time: 7/25/05 1430

SGS Environmental

CUSTODY SEAL

Signature: *Perry W. Lake* Date/Time: 7/25



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P.O. Box 68900
Seattle, WA 98168

Airline | Origin | AIR WAYBILL Number
027- | ANK | 0167 0863

Shippers to complete in shaded areas

From Shipper: **CRYSTAL ENVIRONMENTAL SVCS 907 563-0013**

Address: **3300 MOUNTAIN VIEW ST** Phone: _____
 City: **SEASIDE WA 98138** State: _____ Zip Code: _____

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature PRINTED NAME **X [Signature]** Date **7/25/01**

Domestic International

Insured Value _____ Declared Value For Customs _____

Airport of Departure _____ First Carrier _____ Airport of Destination _____

Nature and Quantity of Goods: **5015 [unclear]**

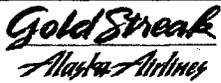
Handling Information: **& NOA - Kate Haney KEEP COOL**

To Consignee: (Complete Consignee Information required on package)
North Creek Analytical - NCA

Address: **11720 North Creek Pkwy N** Phone: _____
 City: **Bothell** State: **WA** Zip Code: **98011**

Consignee's Printed Name-Signature (Received in Good Order Except as Noted) _____ Time _____ a.m. / p.m.
 Date _____

Airline | Origin | AIR WAYBILL Number
027- | ANK | 0167 0863



Total Pieces **1** Total Weight **2.1** MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please If Live Animal

Form of Payment
 Cash Check GBL—Attach GBL
 AS / QX Account Number
 Credit Card Number

Validata Approval **[Signature]**
(Required for all except cash and GBL)

CHECK ONE ONLY
 AIRPORT TO AIRPORT SERVICE

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
	16-50		
	51-70		
	71-100		

Subtotal Charges _____

AS COURIER CHARGES

PICK-UP ONLY	DELIVERY ONLY	DOOR TO DOOR
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Executed By: Date/Time _____ a.m. / p.m.

Carrier	Flight	Destination	E.T.A.
AS	891	SEA	11:00

1st Carrier **65.00**
 2nd Carrier _____
 3rd Carrier _____

Tax (Offline only) _____
 Pickup (NON AS COURIER) _____
 Delivery (NON AS COURIER) _____
 Special Service _____
 Insurance _____

TOTAL **65.00**

Remarks _____

Door-To-Door Service: (800) 634-7113
2. Consignee Memo

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Laboratory Report Project Overview

EDF 1.2a

Laboratory:	North Creek Analytical, Bothell, WA
Lab Report Number:	B5G0543
Project Name:	Northeast Cape White Alic
Work Order Number:	04-036
Control Sheet Number:	CSN071905

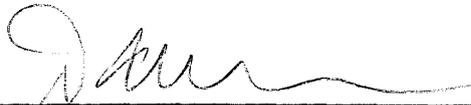
000104

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
B5G0543	05NEC31SLSL084	B5G0543-01	SO	CS	SW8082	SW3550B	07/19/05	07/27/05	07/28/05	5G27062	1
B5G0543	05NEC31SLSL096	B5G0543-02	SO	CS	SW8082	SW3550B	07/19/05	07/27/05	07/28/05	5G27062	1
B5G0543	05NEC31SLSL108	B5G0543-03	SO	CS	SW8082	SW3550B	07/19/05	07/27/05	07/28/05	5G27062	1
B5G0543	05NEC31SLSL108	B5G0543-03R1	SO	CS	SW8082	SW3550B	07/19/05	07/27/05	07/29/05	5G27062	1
		B5G0492-03	SO	NC	SW8082	SW3550B	//	07/27/05	07/28/05	5G27062	1
		5G27062-BSD2	SQ	BD2	SW8082	SW3550B	//	07/27/05	07/28/05	5G27062	1
		5G27062-BS2	SQ	BS2	SW8082	SW3550B	//	07/27/05	07/28/05	5G27062	1
		5G27062-BLK2	SQ	LB2	SW8082	SW3550B	//	07/27/05	07/28/05	5G27062	1
		5G27062-MS2	SO	MS2	SW8082	SW3550B	//	07/27/05	07/28/05	5G27062	1
		5G27062-MSD2	SO	SD2	SW8082	SW3550B	//	07/27/05	07/28/05	5G27062	1

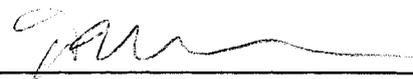
000101

Project Name: Northeast Cape White Alic		Analysis: Polychlorinated Biphenyls (PCBs) by Gas				
Project No: 04-036		Method: SW8082				
		Prep Meth: SW3550B				
Field ID: 05NEC31SLSL084	Lab Samp ID: B5G0543-01					
Descr/Location: LOCID	Rec'd Date: 07/26/05					
Sample Date: 07/19/05	Prep Date: 07/27/05					
Sample Time: 0800	Analysis Date: 07/28/05					
Matrix: Soil	QC Batch: 5G27062					
Basis: Dry	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
PCB-1016 (Aroclor 1016)	3.48	25.0 PQL		ND	UG/KG	1
PCB-1221 (Aroclor 1221)	13.3	50.0 PQL		ND	UG/KG	1
PCB-1232 (Aroclor 1232)	5.76	25.0 PQL		ND	UG/KG	1
PCB-1242 (Aroclor 1242)	2.08	25.0 PQL		ND	UG/KG	1
PCB-1248 (Aroclor 1248)	1.78	25.0 PQL		ND	UG/KG	1
PCB-1254 (Aroclor 1254)	1.49	25.0 PQL		ND	UG/KG	1
PCB-1260 (Aroclor 1260)	0.870	25.0 PQL		ND	UG/KG	1
PCB-1262 (Aroclor 1262)	1.46	25.0 PQL		ND	UG/KG	1
PCB-1268 (Aroclor 1268)	6.20	25.0 PQL		ND	UG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Decachlorobiphenyl		60-125 SLSA		101%		1
2,4,5,6-Tetrachloro-meta-xylene		40-140 SLSA		94.2%		1

Approved by: 

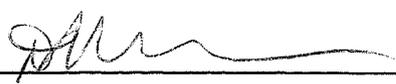
Date: 08/04/05
000106

Project Name: Northeast Cape White Alic		Analysis: Polychlorinated Biphenyls (PCBs) by Gas				
Project No: 04-036		Method: SW8082				
		Prep Meth: SW3550B				
Field ID: 05NEC31SLSL096	Lab Samp ID: B5G0543-02					
Descr/Location: LOCID	Rec'd Date: 07/26/05					
Sample Date: 07/19/05	Prep Date: 07/27/05					
Sample Time: 1105	Analysis Date: 07/28/05					
Matrix: Soil	QC Batch: 5G27062					
Basis: Dry	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
PCB-1016 (Aroclor 1016)	3.48	25.0 PQL		ND	UG/KG	1
PCB-1221 (Aroclor 1221)	13.3	50.0 PQL		ND	UG/KG	1
PCB-1232 (Aroclor 1232)	5.76	25.0 PQL		ND	UG/KG	1
PCB-1242 (Aroclor 1242)	2.08	25.0 PQL		ND	UG/KG	1
PCB-1248 (Aroclor 1248)	1.78	25.0 PQL		ND	UG/KG	1
PCB-1254 (Aroclor 1254)	1.49	25.0 PQL		ND	UG/KG	1
PCB-1260 (Aroclor 1260)	0.870	25.0 PQL		39.7	UG/KG	1
PCB-1262 (Aroclor 1262)	1.46	25.0 PQL		ND	UG/KG	1
PCB-1268 (Aroclor 1268)	6.20	25.0 PQL		ND	UG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Decachlorobiphenyl		60-125 SLSA		103%		1
2,4,5,6-Tetrachloro-meta-xylene		40-140 SLSA		91.3%		1

Approved by: 

Date: 08/04/05
000107

Project Name: Northeast Cape White Alic		Analysis: Polychlorinated Biphenyls (PCBs) by Gas				
Project No: 04-036		Method: SW8082				
		Prep Meth: SW3550B				
Field ID: 05NEC31SLSL108	Lab Samp ID: B5G0543-03					
Descr/Location: LOCID	Rec'd Date: 07/26/05					
Sample Date: 07/19/05	Prep Date: 07/27/05					
Sample Time: 1155	Analysis Date: 07/28/05					
Matrix: Soil	QC Batch: 5G27062					
Basis: Dry	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
PCB-1016 (Aroclor 1016)	3.48	25.0 PQL		ND	UG/KG	1
PCB-1221 (Aroclor 1221)	13.3	50.0 PQL		ND	UG/KG	1
PCB-1232 (Aroclor 1232)	5.76	25.0 PQL		ND	UG/KG	1
PCB-1242 (Aroclor 1242)	2.08	25.0 PQL		ND	UG/KG	1
PCB-1248 (Aroclor 1248)	1.78	25.0 PQL		ND	UG/KG	1
PCB-1254 (Aroclor 1254)	1.49	25.0 PQL		ND	UG/KG	1
PCB-1260 (Aroclor 1260)	0.870	25.0 PQL	E	415.	UG/KG	1
PCB-1262 (Aroclor 1262)	1.46	25.0 PQL		ND	UG/KG	1
PCB-1268 (Aroclor 1268)	6.20	25.0 PQL		ND	UG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Decachlorobiphenyl		60-125 SLSA		100%		1
2,4,5,6-Tetrachloro-meta-xylene		40-140 SLSA		96.0%		1
E: EPA Flag - Analyte exceeded the concentration range of the GC/MS						

Approved by: 

Date: 08/04/05

000108

Project Name: Northeast Cape White Alic		Analysis: Polychlorinated Biphenyls (PCBs) by Gas				
Project No: 04-036		Method: SW8082				
		Prep Meth: SW3550B				
Field ID: 05NEC31SLSL108	Lab Samp ID: B5G0543-03R1					
Descr/Location: LOCID	Rec'd Date: 07/26/05					
Sample Date: 07/19/05	Prep Date: 07/27/05					
Sample Time: 1155	Analysis Date: 07/29/05					
Matrix: Soil	QC Batch: 5G27062					
Basis: Dry	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
PCB-1016 (Aroclor 1016)	17.4	125. PQL		ND	UG/KG	5
PCB-1221 (Aroclor 1221)	66.4	250. PQL		ND	UG/KG	5
PCB-1232 (Aroclor 1232)	28.8	125. PQL		ND	UG/KG	5
PCB-1242 (Aroclor 1242)	10.4	125. PQL		ND	UG/KG	5
PCB-1248 (Aroclor 1248)	8.90	125. PQL		ND	UG/KG	5
PCB-1254 (Aroclor 1254)	7.45	125. PQL		ND	UG/KG	5
PCB-1260 (Aroclor 1260)	4.35	125. PQL		453	UG/KG	5
PCB-1262 (Aroclor 1262)	7.30	125. PQL		ND	UG/KG	5
PCB-1268 (Aroclor 1268)	31.0	125. PQL		ND	UG/KG	5
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Decachlorobiphenyl		60-125 SLSA		119%		5
2,4,5,6-Tetrachloro-meta-xylene		40-140 SLSA		97.2%		5

Approved by: 

Date: 08/04/05

QA/QC Report Method Blank Summary

North Creek Analytical, Bothell, WA

Lab Report No.: B5G0543 Date: 08/04/05

Page: 5

QC Batch: 5G27062 Matrix: Soil/Solid QC Lab Samp ID: 5G27062-BLK2 Analysis Date: 07/28/05 Basis: Dry	Analysis: Polychlorinated Biphenyls (PCBs) by Gas Method: SW8082 Prep Meth: SW3550B Prep Date: 07/27/05 Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
PCB-1016 (Aroclor 1016)	3.48	25.0	PQL	ND	UG/KG	1
PCB-1221 (Aroclor 1221)	13.3	50.0	PQL	ND	UG/KG	1
PCB-1232 (Aroclor 1232)	5.76	25.0	PQL	ND	UG/KG	1
PCB-1242 (Aroclor 1242)	2.08	25.0	PQL	ND	UG/KG	1
PCB-1248 (Aroclor 1248)	1.78	25.0	PQL	ND	UG/KG	1
PCB-1254 (Aroclor 1254)	1.49	25.0	PQL	ND	UG/KG	1
PCB-1260 (Aroclor 1260)	0.870	25.0	PQL	ND	UG/KG	1
PCB-1262 (Aroclor 1262)	1.46	25.0	PQL	ND	UG/KG	1
PCB-1268 (Aroclor 1268)	6.20	25.0	PQL	ND	UG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Decachlorobiphenyl		60-125	SLSA	106%		1
2,4,5,6-Tetrachloro-meta-xylene		40-140	SLSA	87.1%		1

QA/QC Report

Matrix Spike/Duplicate Matrix Spike Summary

North Creek Analytical, Bothell, WA

Lab Report No.: B5G0543 Date: 08/04/05

Page: 6

QC Batch: 5G27062 Matrix: Soil Lab Samp ID: 5G27062-MS2 Basis: Dry				Project Name: Lab Generated or Non COE Sample Project No.: Lab Generated or Non COE Sample Field ID: Lab Generated or Non COE Sample Lab Ref ID: B5G0492-03										
Analyte	Analysis Method	Spike Level		Sample Result	Spike Result		Units		% Recoveries			Acceptance Criteria		
		MS	DMS		MS	DMS			MS	DMS	RPD	% Rec	RPD	
PCB-1016 (Aroclor 1016)	SW8082	245.	251.	ND	142.	135.	UG/KG	dw	58.0	53.8	7.5	140-40	MSA	30MSP
PCB-1260 (Aroclor 1260)	SW8082	245.	251.	141.	424.	371.	UG/KG	dw	116	91.6	24	130-60	MSA	30MSP
2,4,5,6-Tetrachloro-meta-xylene	SW8082	100.	100.	85.2	85.2	82.6	PERCENT	dw	85.2	82.6	3.1	140-40	SLSA	NA
Decachlorobiphenyl	SW8082	100.	100.	101.	101.	97.5	PERCENT	dw	101	97.5	3.5	125-60	SLSA	NA

000113

QA/QC Report
Blank Spike/Duplicate Blank Spike Summary

North Creek Analytical, Bothell, WA

Lab Report No.: B5G0543 Date: 08/04/05

Page: 7

QC Batch: 5G27062 Matrix: Soil/Solid QC Lab Samp ID: 5G27062-BS2												
Analyte	Analysis Method	Spike Level		Spike Result		Units	% Recoveries			Acceptance Criteria		
		LCS	LCD	LCS	LCD		LCS	LCD	RPD	%Rec	RPD	
PCB-1016 (Aroclor 1016)	SW8082	83.3	83.3	66.4	69.0	UG/KG dw	79.7	82.8	3.8	140-40 LSA	30LSP	
PCB-1260 (Aroclor 1260)	SW8082	83.3	83.3	81.3	82.4	UG/KG dw	97.6	98.9	1.3	130-60 LSA	30LSP	
2,4,5,6-Tetrachloro-meta-xylene	SW8082	100.	100.	87.3	85.5	PERCENT dw	87.3	85.5	2.1	140-40 SLSA	NA	
Decachlorobiphenyl	SW8082	100.	100.	103.	104.	PERCENT dw	103	104	0.97	125-60 SLSA	NA	

000112



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
907.563.9200 fax 907.563.9210

30 August 2005

Michelle Turner
Bristol Environmental and Engineering
2000 W International Airport Rd, Suite C1
Anchorage, AK/USA 99502-1116
RE: NE Cape

Enclosed are the results of analyses for samples received by the laboratory on 08/16/05 09:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Robert Greer
Project Manager



CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

- Locations Nationwide**
- Alaska
 - Maryland
 - Hawaii
 - West Virginia
 - New Jersey

www.us.sgs.com

B5H0381

039316

1 CLIENT: Bristol CONTACT: Michelle Turner PHONE NO: (907) 563-0013 PROJECT: NE Cape SITE/PWSID#: REPORTS TO: Michelle Turner, Bristol Anchorage, AK FAX NO.: () INVOICE TO: Same QUOTE # P.O. NUMBER					SGS Reference: 1055152 PAGE 1 OF 1																														
2					CONTAINERS	Preservatives Used Analysis Required C= COMP G= GRAB	(3) PCB 8082																												
						No											SAMPLE TYPE	REMARKS																	
						LAB NO.											SAMPLE IDENTIFICATION	DATE	TIME	MATRIX															
	05NECAFCC143	8/7/05	0830	✖	1	C	✓													Composited 8/12/05															
	05NECAFCC093	8/5/05	1005	*	1	C	✓														↓														
	05NECAFCC123	8/5/05	1145	*	1	C	✓																												
5 Collected/Relinquished By: (1) Steven R. Cuyin Date: 8/15/05 Time: 1030 Relinquished By: (2) Relinquished By: (3) Relinquished By: (4)					Received By: Colette Weaver Colette Weaver 08-16-05 0915					4 Shipping Carrier: Shipping Ticket No: Special Deliverable Requirements: Requested Turnaround Time and Special Instructions: COE # 04-036 * = pulverized concrete COELT Hurdcopy Report COELT EDD + SEDD					Samples Received Cold? (Circle YES) NO Temperature °C: 4.3 Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT																				

WORK ORDER
North Creek Analytical - Bothell
B5H0381

Client: SGS/CT&E Environmental Services Inc. ✓	Printed: 8/16/2005 4:16:42PM ✓
Project: NE Cape ✓	Project Number: 1055152 ✓

Report To:
 SGS/CT&E Environmental Services Inc.
 Michelle Turner ✓
 200 W. Potter Drive
 Anchorage, AK/USA 99518
 Phone: (907) 562-5301
 Fax: (907) 561-5301

Invoice To:
 SGS/CT&E Environmental Services Inc.
 Michelle Turner ✓
 200 W. Potter Drive
 Anchorage, AK/USA 99518
 Phone : (907) 562-5301
 Fax: (907) 561-5301

Project Manager: Robert Greer ✓	Date Due: 08/30/05 17:00 (10 day TAT) ✓
Received By: Colette Weaver ✓	Date Received: 08/16/05 09:15 ✓
Logged In By: Jonathan Hollers	Date Logged In: 08/16/05 16:06

Samples Received at: 4.3°C ✓
All containers intact: Yes
Sample labels/COC agree: No
Preservation Confirmed Upon Receipt: No
Custody Seals Present: Yes ✓

*BBP
GC Semi
Extractions*

Analysis	Due	TAT	Expires	Comments
B5H0381-01 05NECAFCC143 ✓	Soil		Sampled:08/07/05 08:30 ✓	
8082 PCB Only ✓	08/29/05 17:00	10	08/21/05 09:30	
Dry Weight	08/29/05 17:00	10	09/04/05 09:30	
B5H0381-02 05NECAFCC093 ✓	Soil		Sampled:08/05/05 10:05 ✓	
8082 PCB Only ✓	08/29/05 17:00	10	08/19/05 11:05	
Dry Weight	08/29/05 17:00	10	09/02/05 11:05	
B5H0381-03 05NECAFCC123 ✓	Soil		Sampled:08/05/05 11:45 ✓	
8082 PCB Only //	08/29/05 17:00	10	08/19/05 12:45	
Dry Weight	08/29/05 17:00	10	09/02/05 12:45	

Reviewed By NG Date 8/17/05

NORTH CREEK ANALYTICAL SAMPLE RECEIPT FORM

Client: SGS/CT&E Environmental Services (Army Corp. compliant) COC # 039316

1. Please sign for receipt and opening of: Cooler Other: _____
By (print) Colette Weaver (sign) Colette Weaver
2. Date cooler received 08/16/05 Date cooler opened: Same or / /
3. Delivered by NCA courier Fed-Ex UPS Express Mess. Client Other _____
Air bill # if applicable 12A8619W0142643224 (Put copy of shipping papers, etc. in file)
4. There were 4 custody seals present, signed by Steven R. Coy date 08/15/05
5. Were custody seals unbroken and intact at the date and time of arrival? yes no
6. Was ice used? yes no Type of ice: blue ice gel ice real ice dry ice
Temperature (degrees C) 4.5 Raytek Thermometer 4.3 Digi-Thermo (probe for temp. blank)
7. Were samples screened for radioactivity using the Geiger Counter? yes no
Background average counts per minute: 9 Samples counts per minute: 13
8. Are custody papers sealed in a plastic bag and taped inside to the lid? yes no
9. Were custody papers filled out properly (ink, signed in appropriate places, etc.)? yes no
If "no" please specify: _____
10. Was project identifiable from custody papers? yes no
Name of the project NE Cape (if applicable)
11. Initial and date for unpacking of cooler: JJC (initials) date 8/16/05
12. Packing in cooler: bubble wrap/bag styrofoam cardboard other
13. Were all containers sealed in separate plastic bags? yes no
14. Did all containers indicated on the COC arrive? yes no
If "no" please indicate which containers were absent _____
15. Were all containers unbroken and labels in good condition? yes no
If "no" please indicate which containers _____
16. Were all bottle labels complete (ID, date, time, signature, etc.)? yes no
Do the ID's, times, etc. agree with the COC? yes no
If "no" please indicate which containers All three samples have no sampling date or times.
17. Were samples received in proper containers for the indicated analysis? yes no
Are containers properly preserved for the indicated analysis? yes no
Is there adequate volume for the indicated analysis? yes no
18. If voa vials were submitted, are they free of bubbles? N/A yes no
If "no" please indicate which containers _____
19. Log-in Phase: Date samples were logged in: 8/16/05 Element Project # B5HD381
20. Logged in by (print) Jon Hollers (sign) Jon Hollers
21. Was the project manager notified of status? (Use back of form as a record) yes no

TAT: _____

Short Hold: _____

Non-Conformances?
Circle **Y** or N
(If Y, see other side)

NCA SAMPLE RECEIPT CHECKLIST

Received By: _____

Checked-in By: _____

Cooler ID: _____ (____ of ____)

Date: 08-16-05
Time: 0915
Initials: CW

Date: 08-16-05
Time: 1430
Initials: CW

Work Order No. B5G0381
Client: SGS/CTC Environmental Services
Project: NE Cape

Container Type:

- Cooler
- Box
- Other
- None

COC Seals:

- Ship. Container
- On Bottles
- None

Packing Material:

- Bubble Bags
- Foam Packs
- Styrofoam
- Other plastic bags & bubble wrap
- None

Refrigerant:

- Gel Ice Pack
- Loose Ice
- None/Other _____

Received Via:

- Fed Ex _____ Client
- UPS _____ Courier
- DHL _____ Other _____

Cooler Temperature (IR Digital) 4.3 °C (Frozen filters, Tedlars and aqueous Metals exempt) CA#: _____

Temperature Blank? or N @ 0913 CW

Sample Containers:

- | | | | |
|--|---|-------|-----------------------|
| Intact? | <input checked="" type="radio"/> or N | ID | CA# |
| Correct Type? | <input checked="" type="radio"/> or N | _____ | _____ |
| Adequately Labeled?
(ID, date and time) | Y or <input checked="" type="radio"/> N | _____ | I |
| #Containers match COC? | <input checked="" type="radio"/> or N | _____ | _____ |
| IDs/time/date match COC? | Y or <input checked="" type="radio"/> N | _____ | I |
| Properly Preserved? | <input checked="" type="radio"/> or N | _____ | <u>Soil/other dry</u> |
| Adequate Volume?
(for tests requested) | Y or <input checked="" type="radio"/> N | _____ | 2 |

- | | | | |
|------------------------|--------|-------|-------|
| Soil VOAs: Headspace? | Y or N | ID | CA# |
| Water VOAs: Headspace? | Y or N | _____ | _____ |
| Preserved? | Y or N | _____ | _____ |

PROJECT MANAGEMENT

Is the Chain of Custody complete? or N

Is client information in ELEMENT accurate?

- Address? or N
- Phone #? or N
- PM? or N

Is project information in ELEMENT accurate?

- Proj. Name? or N
- Proj. #? or N
- Contact? or N
- Bid/Prices? or N
- Invoice info? or N
- Tax info? or N
- Analyses? or N

Has client been contacted regarding non-conformances? Y or N If Y, _____ / _____
Date Time

PM Initials: RG Date: 8/16/05 Time: 11:16 AM

222 Environmental

CUSTODY SEAL

Signature: Steven R. Cuyi

Date/Time: 8/15/05 1030

222 Environmental

CUSTODY SEAL

Signature: Steven R. Cuyi

Date/Time: 8/15/05 1030

222 Environmental

CUSTODY SEAL

Signature: Steven R. Cuyi

Date/Time: 8/15/05 1030

222 Environmental

CUSTODY SEAL

Signature: Steven R. Cuyi

Date/Time: 8/15/05 1030

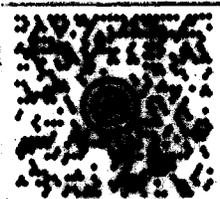
FOREST TAYLOR
(907) 562-2243
SOS ENVIRONMENTAL SERVICES
200 WEST POTTER DR.
ANCHORAGE AK 99518

16 LBS

1 OF 1

SHIP TO:

**SAMPLE RECEIVING
(425) 420-0200
NORTH CREEK ANALYTICAL
11720 NORTH CREEK Pkwy N, SUITE 400
BOTHELL WA 98011**



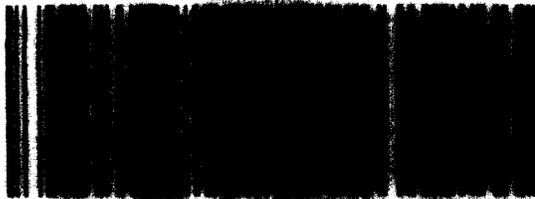
WA 982 9-03



UPS NEXT DAY AIR

TRACKING #: 1Z A86 18N 01 4284 3224

1



BILLING: 3RD PARTY

REF 1: 1055152

UOH 7.8.17 UPS Thermal 2 45.00 07/2005





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Bristol Environmental and Engineering
 2000 W International Airport Rd, Suite C1
 Anchorage, AK/USA 99502-1116

Project: NE Cape
 Project Number: 1055152
 Project Manager: Michelle Turner

Reported:
 08/30/05 15:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
05NECAFCC143	B5H0381-01	Soil	08/07/05 08:30	08/16/05 09:15
05NECAFCC093	B5H0381-02	Soil	08/05/05 10:05	08/16/05 09:15
05NECAFCC123	B5H0381-03	Soil	08/05/05 11:45	08/16/05 09:15

North Creek Analytical - Bothell

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Robert Greer, Project Manager



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 Anchorage, AK/USA 99502-1116

Project: NE Cape
 Project Number: 1055152
 Project Manager: Michelle Turner

Reported:
 08/30/05 15:52

**Polychlorinated Biphenyls by EPA Method 8082
 North Creek Analytical - Bothell**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

05NECAFCC143 (B5H0381-01) Soil Sampled: 08/07/05 08:30 Received: 08/16/05 09:15

Aroclor 1016	ND	25.0		ug/kg dry	1	5H17044	08/17/05	08/18/05	EPA 8082	
Aroclor 1221	ND	50.0		"	"	"	"	"	"	
Aroclor 1232	ND	25.0		"	"	"	"	"	"	
Aroclor 1242	ND	25.0		"	"	"	"	"	"	
Aroclor 1248	ND	25.0		"	"	"	"	"	"	
Aroclor 1254	ND	25.0		"	"	"	"	"	"	
Aroclor 1260	ND	25.0		"	"	"	"	"	"	
Aroclor 1262	ND	25.0		"	"	"	"	"	"	
Aroclor 1268	ND	25.0		"	"	"	"	"	"	
Surrogate: TCX	92.6 %	39-139				"	"	"	"	
Surrogate: Decachlorobiphenyl	91.1 %	33-163				"	"	"	"	

05NECAFCC093 (B5H0381-02) Soil Sampled: 08/05/05 10:05 Received: 08/16/05 09:15

Aroclor 1016	ND	25.0		ug/kg dry	1	5H17044	08/17/05	08/18/05	EPA 8082	
Aroclor 1221	ND	50.0		"	"	"	"	"	"	
Aroclor 1232	ND	25.0		"	"	"	"	"	"	
Aroclor 1242	ND	25.0		"	"	"	"	"	"	
Aroclor 1248	ND	25.0		"	"	"	"	"	"	
Aroclor 1254	ND	25.0		"	"	"	"	"	"	
Aroclor 1260	32.1	25.0		"	"	"	"	"	"	
Aroclor 1262	ND	25.0		"	"	"	"	"	"	
Aroclor 1268	ND	25.0		"	"	"	"	"	"	
Surrogate: TCX	104 %	39-139				"	"	"	"	
Surrogate: Decachlorobiphenyl	95.2 %	33-163				"	"	"	"	

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Robert Greer, Project Manager

North Creek Analytical, Inc.
Environmental Laboratory Network



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 Anchorage, AK/USA 99502-1116

Project: NE Cape
 Project Number: 1055152
 Project Manager: Michelle Turner

Reported:
 08/30/05 15:52

Polychlorinated Biphenyls by EPA Method 8082
North Creek Analytical - Bothell

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
05NECAFCC123 (B5H0381-03) Soil Sampled: 08/05/05 11:45 Received: 08/16/05 09:15										
Aroclor 1016	ND	25.0		ug/kg dry	1	5H17044	08/17/05	08/18/05	EPA 8082	
Aroclor 1221	ND	50.0		"	"	"	"	"	"	
Aroclor 1232	ND	25.0		"	"	"	"	"	"	
Aroclor 1242	ND	25.0		"	"	"	"	"	"	
Aroclor 1248	ND	25.0		"	"	"	"	"	"	
Aroclor 1254	ND	25.0		"	"	"	"	"	"	
Aroclor 1260	ND	25.0		"	"	"	"	"	"	
Aroclor 1262	ND	25.0		"	"	"	"	"	"	
Aroclor 1268	ND	25.0		"	"	"	"	"	"	
Surrogate: TCX	102 %	39-139				"	"	"	"	
Surrogate: Decachlorobiphenyl	99.9 %	33-163				"	"	"	"	

North Creek Analytical - Bothell

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 Anchorage, AK/USA 99502-1116

Project: NE Cape
 Project Number: 1055152
 Project Manager: Michelle Turner

Reported:
 08/30/05 15:52

**Physical Parameters by APHA/ASTM/EPA Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
05NECAFCC143 (B5H0381-01) Soil Sampled: 08/07/05 08:30 Received: 08/16/05 09:15										
Dry Weight	93.9	1.00		%	1	5H24071	08/24/05	08/25/05	BSOPSPL003R08	
05NECAFCC093 (B5H0381-02) Soil Sampled: 08/05/05 10:05 Received: 08/16/05 09:15										
Dry Weight	95.3	1.00		%	1	5H24071	08/24/05	08/25/05	BSOPSPL003R08	
05NECAFCC123 (B5H0381-03) Soil Sampled: 08/05/05 11:45 Received: 08/16/05 09:15										
Dry Weight	95.7	1.00		%	1	5H24071	08/24/05	08/25/05	BSOPSPL003R08	

North Creek Analytical - Bothell

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Project: NE Cape
 Project Number: 1055152
 Project Manager: Michelle Turner

Reported:
 08/30/05 15:52

**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 5H17044: Prepared 08/17/05 Using EPA 3550B

Blank (5H17044-BLK2)

Aroclor 1016	ND	25.0	ug/kg							
Aroclor 1221	ND	50.0	"							
Aroclor 1232	ND	25.0	"							
Aroclor 1242	ND	25.0	"							
Aroclor 1248	ND	25.0	"							
Aroclor 1254	ND	25.0	"							
Aroclor 1260	ND	25.0	"							
Aroclor 1262	ND	25.0	"							
Aroclor 1268	ND	25.0	"							
Surrogate: TCX	6.08		"	6.67		91.2	39-139			
Surrogate: Decachlorobiphenyl	6.68		"	6.67		100	33-163			

LCS (5H17044-BS2)

Aroclor 1016	81.3	25.0	ug/kg	83.3		97.6	54-125			
Aroclor 1260	79.4	25.0	"	83.3		95.3	58-128			
Surrogate: TCX	6.18		"	6.67		92.7	39-139			
Surrogate: Decachlorobiphenyl	6.55		"	6.67		98.2	33-163			

LCS Dup (5H17044-BSD2)

Aroclor 1016	79.7	25.0	ug/kg	83.3		95.7	54-125	1.99	30	
Aroclor 1260	80.7	25.0	"	83.3		96.9	58-128	1.62	30	
Surrogate: TCX	6.18		"	6.67		92.7	39-139			
Surrogate: Decachlorobiphenyl	6.75		"	6.67		101	33-163			

Matrix Spike (5H17044-MS2)

Source: B5H0232-03

Aroclor 1016	59.2	25.0	ug/kg wet	82.2	ND	72.0	47-134			
Aroclor 1260	54.2	25.0	"	82.2	ND	65.9	22-171			
Surrogate: TCX	4.58		"	6.58		69.6	39-139			
Surrogate: Decachlorobiphenyl	3.95		"	6.58		60.0	33-163			

North Creek Analytical - Bothell

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Robert Greer, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



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Project: NE Cape
 Project Number: 1055152
 Project Manager: Michelle Turner

Reported:
 08/30/05 15:52

**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting	Units	Spike Level	Source	%REC		RPD		Notes
		Limit			Result	%REC	Limits	RPD	Limit	

Batch 5H17044: Prepared 08/17/05 Using EPA 3550B

Matrix Spike Dup (5H17044-MSD2)

Source: B5H0232-03

Aroclor 1016	63.3	25.0	ug/kg wet	84.2	ND	75.2	47-134	6.69	35	
Aroclor 1260	54.5	25.0	"	84.2	ND	64.7	22-171	0.552	35	
Surrogate: TCX	4.67		"	6.73		69.4	39-139			
Surrogate: Decachlorobiphenyl	4.08		"	6.73		60.6	33-163			

North Creek Analytical - Bothell

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Robert Greer, Project Manager



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Project: NE Cape
 Project Number: 1055152
 Project Manager: Michelle Turner

Reported:
 08/30/05 15:52

**Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting	Units	Spike	Source	%REC		RPD	Notes
		Limit		Level	Result	%REC	Limits	RPD	

Batch 5H24071: Prepared 08/24/05 Using Dry Weight

Blank (5H24071-BLK1)

Dry Weight	100	1.00	%						
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North Creek Analytical - Bothell

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Robert Greer, Project Manager



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Project: NE Cape
 Project Number: 1055152
 Project Manager: Michelle Turner

Reported:
 08/30/05 15:52

Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

North Creek Analytical - Bothell

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Robert Greer, Project Manager

Data Package

Client: USACE – Alaska

Project: Northeast Cape White Alice BDDR Removal

Project Number: 04-036

Laboratory Work Order: B5H0640

September 9, 2005

North Creek Analytical
11720 North Creek Parkway North, Suite 400
Bothell, WA 98011-8223

Phone: (425) 420-9200
FAX: (425) 420-9210

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Polychlorinated Biphenyls by EPA Method 8082	8	80	<u>✓</u>	<u>✓</u>
ECD#6 – Analytical Summary	8	8		
Calibration Verification Table & Raw Data	9	33		
Initial Calibration	34	80		
Preparation Bench Sheets	81	83	<u>✓</u>	<u>✓</u>
Sample Receipt Documentation	84	93	<u>✓</u>	<u>✓</u>
COELT	94	110	<u>✓</u>	<u>✓</u>

Case Narrative

Sample Receiving

B5H0640:

One soil sample was collected on 8/15/05 at 11:20. One soil sample was collected on 8/17/05 at 13:30. The cooler containing the samples arrived at North Creek Analytical – Bothell (NCA-B) on 8/26/05 at 12.5°C. The established acceptance criterion for sample storage is $4 \pm 2^\circ\text{C}$. All containers and custody seals arrived intact. The samples were logged in as work order B5H0640.

The cooler containing the samples was sent by the client to the airport in Bethel, AK on 8/24/05. The cooler was redirected by Goldstreak in Bethel, AK on 8/25/05 to Seattle, WA. The cooler arrived in Seattle on 8/26/05. Gel ice had been used as a coolant in the cooler, but was found melted upon arrival at the laboratory.

Samples 05NEC31SL12 (B5H0640-01) and 05NECAFSL24 (B5H0640-02): The sample IDs on the sample containers differed from the sample IDs on the Chain of Custody. The samples were initially logged in according to the Chain of Custody. A revised Chain of Custody was received from the client and the sample IDs were corrected. The sample containers were both received with limited sample volume.

Sample Preparation

Method holding times were met for all preparations and analyses.

- **EPA 3550B/8082 for Polychlorinated Biphenyls** — The samples were prepared in accordance with EPA 3550B in batch 5H29033. Standard aliquots of ~ 30 g were extracted in 1:1 methylene chloride:acetone and solvent exchanged using hexane to a final volume of 5 mL. The extracts were sulfuric acid cleaned in accordance with EPA 3665A.

Analysis

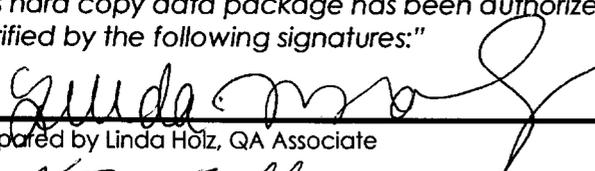
- **EPA 3550B/8082 for Polychlorinated Biphenyls** — The samples were analyzed in accordance with EPA 8082 without dilutions.

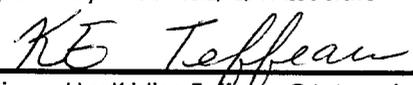
Quality Assurance

- **EPA 3550B/8082 for Polychlorinated Biphenyls** — The recoveries for the monitored target analytes were within the established acceptance criteria, with exceptions noted below.

Single Point Calibration 32H0705 ECD-6: The expired Aroclor 1232 standard was used only for peak identification and not for quantitation. There were no detections for Aroclor 1232 in the associated client samples [05NEC31SL12 (B5H0640-01) and 05NECAFSL24 (B5H0640-02)].

"I certify that this data package is in compliance with the Contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signatures:"

 9/9/05
Prepared by Linda Holz, QA Associate

 9/9/05
Reviewed by Kristine Tefreau, QA Associate



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USACE - Alaska PO Box 6898, Building 2212 Third Street Elmendorf AFB, AK/USA 99506-6898	Project: Northeast Cape White Alice BDDR Removal Project Number: 04-036 Project Manager: Julie Sharp-Dahl	Reported: 09/01/05 13:32
---	---	-----------------------------

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
05NEC31SL12	B5H0640-01	Soil	08/15/05 11:20	08/26/05 10:40
05NECAFSL24	B5H0640-02	Soil	08/17/05 13:30	08/26/05 10:40

North Creek Analytical - Bothell

Kate Haney, Project Manager

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North Creek Analytical, Inc.
Environmental Laboratory Network



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USACE - Alaska
 PO Box 6898, Building 2212 Third Street
 Elmendorf AFB, AK/USA 99506-6898

Project: Northeast Cape White Alice BDDR Removal
 Project Number: 04-036
 Project Manager: Julie Sharp-Dahl

Reported:
 09/01/05 13:32

**Polychlorinated Biphenyls by EPA Method 8082 (US Army Corps of Engineers)
 North Creek Analytical - Bothell**

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
05NEC31SL12 (B5H0640-01) Soil Sampled: 08/15/05 11:20 Received: 08/26/05 10:40										
Aroclor 1016	ND	3.48	25.0	ug/kg dry	1	5H29033	08/29/05	08/30/05	EPA 8082	U
Aroclor 1221	ND	13.3	50.0	"	"	"	"	"	"	U
Aroclor 1232	ND	5.76	25.0	"	"	"	"	"	"	U
Aroclor 1242	ND	2.08	25.0	"	"	"	"	"	"	U
Aroclor 1248	ND	1.78	25.0	"	"	"	"	"	"	U
Aroclor 1254	ND	1.49	25.0	"	"	"	"	"	"	U
Aroclor 1260	ND	0.870	25.0	"	"	"	"	"	"	U
Aroclor 1262	ND	1.46	25.0	"	"	"	"	"	"	U
Aroclor 1268	ND	6.20	25.0	"	"	"	"	"	"	U
Surrogate: TCX	90.1 %		40-140			"	"	"	"	
Surrogate: Decachlorobiphenyl	97.7 %		60-125			"	"	"	"	
05NECAFSL24 (B5H0640-02) Soil Sampled: 08/17/05 13:30 Received: 08/26/05 10:40										
Aroclor 1016	ND	3.48	25.0	ug/kg dry	1	5H29033	08/29/05	08/30/05	EPA 8082	U
Aroclor 1221	ND	13.3	50.0	"	"	"	"	"	"	U
Aroclor 1232	ND	5.76	25.0	"	"	"	"	"	"	U
Aroclor 1242	ND	2.08	25.0	"	"	"	"	"	"	U
Aroclor 1248	ND	1.78	25.0	"	"	"	"	"	"	U
Aroclor 1254	ND	1.49	25.0	"	"	"	"	"	"	U
Aroclor 1260	166	0.870	25.0	"	"	"	"	"	"	
Aroclor 1262	ND	1.46	25.0	"	"	"	"	"	"	U
Aroclor 1268	ND	6.20	25.0	"	"	"	"	"	"	U
Surrogate: TCX	88.9 %		40-140			"	"	"	"	
Surrogate: Decachlorobiphenyl	99.9 %		60-125			"	"	"	"	

North Creek Analytical - Bothell

Kate Haney

Kate Haney, Project Manager

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USACE - Alaska
 PO Box 6898, Building 2212 Third Street
 Elmendorf AFB, AK/USA 99506-6898

Project: Northeast Cape White Alice BDDR Removal
 Project Number: 04-036
 Project Manager: Julie Sharp-Dahl

Reported:
 09/01/05 13:32

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
05NEC31SL12 (B5H0640-01) Soil Sampled: 08/15/05 11:20 Received: 08/26/05 10:40										
Dry Weight	84.9	1.00	1.00	%	1	5H30067	08/30/05	08/31/05	SOPSP003R1	
05NECAFSL24 (B5H0640-02) Soil Sampled: 08/17/05 13:30 Received: 08/26/05 10:40										
Dry Weight	90.5	1.00	1.00	%	1	5H30067	08/30/05	08/31/05	SOPSP003R1	

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USACE - Alaska PO Box 6898, Building 2212 Third Street Elmendorf AFB, AK/USA 99506-6898	Project: Northeast Cape White Alice BDDR Removal Project Number: 04-036 Project Manager: Julie Sharp-Dahl	Reported: 09/01/05 13:32
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**Polychlorinated Biphenyls by EPA Method 8082 (US Army Corps of Engineers) - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5H29033: Prepared 08/29/05 Using EPA 3550B

Blank (5H29033-BLK1)

Aroclor 1016	ND	3.48	25.0	ug/kg							U
Aroclor 1221	ND	13.3	50.0	"							U
Aroclor 1232	ND	5.76	25.0	"							U
Aroclor 1242	ND	2.08	25.0	"							U
Aroclor 1248	ND	1.78	25.0	"							U
Aroclor 1254	ND	1.49	25.0	"							U
Aroclor 1260	ND	0.870	25.0	"							U
Aroclor 1262	ND	1.46	25.0	"							U
Aroclor 1268	ND	6.20	25.0	"							U

Surrogate: TCX 6.35 " 6.67 95.2 % 40-140

Surrogate: Decachlorobiphenyl 6.80 " 6.67 102 % 60-125

LCS (5H29033-BS1)

Aroclor 1016	83.9	3.48	25.0	ug/kg	83.3		101	40-140			
Aroclor 1260	83.4	0.870	25.0	"	83.3		100	60-130			

Surrogate: TCX 6.12 " 6.67 91.8 % 40-140

Surrogate: Decachlorobiphenyl 6.56 " 6.67 98.4 % 60-125

LCS Dup (5H29033-BSD1)

Aroclor 1016	81.9	3.48	25.0	ug/kg	83.3		98.3	40-140	2.41	30	
Aroclor 1260	82.0	0.870	25.0	"	83.3		98.4	60-130	1.69	30	

Surrogate: TCX 6.13 " 6.67 91.9 % 40-140

Surrogate: Decachlorobiphenyl 6.67 " 6.67 100 % 60-125

Matrix Spike (5H29033-MS1)

Source: B5H0591-01

Aroclor 1016	93.8	3.48	25.0	ug/kg dry	96.6	ND	97.1	40-140			
Aroclor 1260	90.8	0.870	25.0	"	96.6	ND	94.0	40-140			

Surrogate: TCX 6.91 " 7.73 89.4 % 40-140

Surrogate: Decachlorobiphenyl 6.74 " 7.73 87.2 % 60-125

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USACE - Alaska PO Box 6898, Building 2212 Third Street Elmendorf AFB, AK/USA 99506-6898	Project: Northeast Cape White Alice BDDR Removal Project Number: 04-036 Project Manager: Julie Sharp-Dahl	Reported: 09/01/05 13:32
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**Polychlorinated Biphenyls by EPA Method 8082 (US Army Corps of Engineers) - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5H29033: Prepared 08/29/05 Using EPA 3550B

Matrix Spike Dup (5H29033-MSD1)

Source: B5H0591-01

Aroclor 1016	90.7	3.48	25.0	ug/kg dry	96.0	ND	94.5	40-140	3.36	35	
Aroclor 1260	88.8	0.870	25.0	"	96.0	ND	92.5	40-140	2.23	35	
Surrogate: TCX	6.78			"	7.68		88.3 %	40-140			
Surrogate: Decachlorobiphenyl	6.60			"	7.68		85.9 %	60-125			

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Kate Haney

Kate Haney, Project Manager

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Page 5 of 7



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Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5H30067: Prepared 08/30/05 Using General Preparation

Blank (5H30067-BLK1)

Dry Weight	100	1.00	1.00	%							
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USACE - Alaska PO Box 6898, Building 2212 Third Street Elmendorf AFB, AK/USA 99506-6898	Project: Northeast Cape White Alice BDDR Removal Project Number: 04-036 Project Manager: Julie Sharp-Dahl	Reported: 09/01/05 13:32
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Notes and Definitions

- U Analyte included in the analysis but not detected.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

North Creek Analytical - Bothell

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**North Creek Analytical, Inc.
 Environmental Laboratory Network**

B5H0640**USACE - Alaska****Report Date:**

Project: Northeast Cape White Alice BDDR Re: Project#: 04-036

09/08/05 15:13

CLIENT SAMPLES**DRAFT: Polychlorinated Biphenyls by EPA Method 8082 (US Army Corps of Engineers)**

Instrume	Method	Analyzed	FileID	LabNumber	Dil	Batch	Sequence	Calibration	Matrix	Initial	Final
ECD-6	EPA 8082	08/30/05 17:13	H30020.D	B5H0640-01	1	5H29033	5H30041	5080803	Soil	30.2	5
ECD-6	EPA 8082	08/30/05 17:31	H30021.D	B5H0640-02	1	5H29033	5H30041	5080803	Soil	30.4	5

B5H0640**USACE - Alaska****Report Date:**

Project: Northeast Cape White Alice BDDR Re: Project#: 04-036

09/08/05 15:13

QC SAMPLES**DRAFT: Polychlorinated Biphenyls by EPA Method 8082 (US Army Corps of Engineers) - QC**

Instrument	Method	Analyzed	FileID	LabNumber	Sequence	Calibration	Matrix	Source
ECD-6	EPA 8082	08/30/05 12:20	H30004.D	5H29033-BLK1	5H30041	5080803	Soil	
ECD-6	EPA 8082	08/30/05 12:38	H30005.D	5H29033-BS1	5H30041	5080803	Soil	
ECD-6	EPA 8082	08/30/05 12:57	H30006.D	5H29033-BSD1	5H30041	5080803	Soil	
ECD-6	EPA 8082	08/30/05 13:15	H30007.D	5H29033-MS1	5H30041	5080803	Soil	B5H0591-01
ECD-6	EPA 8082	08/30/05 13:33	H30008.D	5H29033-MSD1	5H30041	5080803	Soil	B5H0591-01

**EPA 8082
Calibration Verification**

		True Value (µg/L)	Found ¹ (µg/L)	%Recovery	Found ² (µg/L)	%Recovery	Found ³ (µg/L)	%Recovery
Surrogate	TCX	50	50.50	101.0%	51.31	102.6%	51.78	103.6%
Surrogate	DCB	50	52.84	105.7%	53.10	106.2%	53.96	107.9%
<i>Signal 1</i>	1016 (1)	500	522.08	104.4%	524.81	105.0%	548.27	109.7%
<i>Signal 1</i>	1016 (2)	500	512.49	102.5%	525.87	105.2%	533.66	106.7%
<i>Signal 1</i>	1016 (3)	500	518.24	103.6%	532.95	106.6%	544.35	108.9%
<i>Signal 1</i>	1016 (4)	500	529.87	106.0%	548.06	109.6%	562.64	112.5%
<i>Signal 1</i>	1016 (5)	500	555.94	111.2%	528.01	105.6%	531.04	106.2%
Signal 1	1016 (Mean)	500	527.72	105.5%	531.94	106.4%	543.99	108.8%
<i>Signal 1</i>	1260 (1)	500	513.62	102.7%	532.30	106.5%	554.50	110.9%
<i>Signal 1</i>	1260 (2)	500	493.89	98.8%	511.29	102.3%	528.49	105.7%
<i>Signal 1</i>	1260 (3)	500	503.90	100.8%	519.02	103.8%	532.17	106.4%
<i>Signal 1</i>	1260 (4)	500	511.70	102.3%	527.95	105.6%	539.98	108.0%
<i>Signal 1</i>	1260 (5)	500	571.48	114.3%	543.47	108.7%	561.49	112.3%
Signal 1	1260 (Mean)	500	518.92	103.8%	526.81	105.4%	543.32	108.7%

Surrogate	TCX	50	49.87	99.7%	49.85	99.7%	49.99	100.0%
Surrogate	DCB	50	44.33	88.7%	44.63	89.3%	46.45	92.9%
<i>Signal 2</i>	1016 (1)	500	505.76	101.2%	493.02	98.6%	489.38	97.9%
<i>Signal 2</i>	1016 (2)	500	495.29	99.1%	494.71	98.9%	495.56	99.1%
<i>Signal 2</i>	1016 (3)	500	504.61	100.9%	503.69	100.7%	502.65	100.5%
<i>Signal 2</i>	1016 (4)	500	499.87	100.0%	501.64	100.3%	519.45	103.9%
<i>Signal 2</i>	1016 (5)	500	496.30	99.3%	499.66	99.9%	508.65	101.7%
Signal 2	1016 (Mean)	500	500.37	100.1%	498.55	99.7%	503.14	100.6%
<i>Signal 2</i>	1260 (1)	500	505.07	101.0%	504.13	100.8%	520.79	104.2%
<i>Signal 2</i>	1260 (2)	500	493.04	98.6%	490.07	98.0%	503.10	100.6%
<i>Signal 2</i>	1260 (3)	500	486.38	97.3%	478.53	95.7%	495.39	99.1%
<i>Signal 2</i>	1260 (4)	500	482.19	96.4%	479.56	95.9%	484.67	96.9%
<i>Signal 2</i>	1260 (5)	500	470.44	94.1%	466.98	93.4%	481.28	96.3%
Signal 2	1260 (Mean)	500	487.42	97.5%	483.85	96.8%	497.05	99.4%

¹ 8/30/05 11:47 ² 8/30/05 15:41 ³ 8/30/05 18:26

Acceptance Criteria:
TCX and DCB - 85 to 115%
Aroclors 1016 and 1260 - 85 to 115%

Analysis Date: 8-30-05 Analyst: [Signature]

Instrument ID: EQD-6

Method: 8082

Review Item	Yes	No	NA
Review prep bench sheet. Is it complete and were the samples properly batched? (Note exceptions on reverse side)	/		
Continuing Calibration Verification (Note any exceptions on reverse side)			
Is there a breakdown check for Pesticides every 12 hours?			/
In the breakdown check, is the breakdown ≤15% for endrin and DDT on both columns?			/
Is the %R 85-115 or %D ≤ 15 for each analyte on both columns and for each CCV in the sequence?	/		
Have CCVs been analyzed at least every 20 injections and at the end of the sequence?	/		
Review chromatography. Are the compounds properly identified and are the baselines correctly drawn?	/		
If manually integrated, are they justifiable and are before & after hardcopies of the chros included with the data?	/		
Did the analyst initial and date the MIs?	/		
Method Blank (Note any exceptions on reverse side)			
Is the method blank free of any positive results (< one-half the MRL)?	/		
If not, is the blank <5% of sample results or are all associated samples non-detect for the affected analyte?	/		
Are the reporting limits correctly adjusted for amount extracted?	/		
Are the surrogate %Rs correctly calculated and within the control limits?	/		
If manually integrated, are they justifiable and are before & after hardcopies of the chros included with the data?	/		
Did the analyst initial and date the MIs?	/		
Review chromatography. Is the baseline correctly drawn?	/		
Sample Results (Note any exceptions on reverse side)			
Were the samples extracted and analyzed within holding time?	/		
Are the reported results correctly calculated? Check dilution factors, amount extracted & extract volume.	/		
Are dilution factors correctly documented on the raw data?	/		
Do the results from multiple analyses (dilutions included) of the same sample agree within reasonable limits?	/		
Do the results in Element match those from the quant report?	/		
Are the analyte peaks within the calculated RRT windows?	/		
Are all reported quantitated values within the linear range or qualified with an "E"?	/		
Are all positive results confirmed and P flagged as needed?	/		
Are the results correctly qualified, i.e., P, B, J, E?	/		
Are the surrogate %Rs correctly calculated and within the control limits?	/		
If manually integrated, are they justifiable and are before & after hardcopies of the chros included with the data?	/		
Did the analyst initial and date the MIs?	/		
Review chromatography. Are the compounds properly identified and are the baselines correctly drawn?	/		
BS/BSD/MS/MSD (Note any exceptions on reverse side)			
Review chromatography. Are the compounds properly identified and are the baselines correctly drawn?	/		
Are the sample and spiked results correctly calculated?	/		
Are the %Rs and RPDs correctly calculated and within control limits?	/		
Are the surrogate %Rs correctly calculated and within control limits?	/		
If manually integrated, are they justifiable and are before & after hardcopies of the chros included with the data?	/		
Did the analyst initial and date the MIs?	/		
Is a MintMiner report present?	/		
Were any trends identified in your review of the associated control chart?	/		
Are the results correctly qualified?	/		
Does the NCR accurately describe all non-compliant issues and the actions taken?	/		

Comments: _____

I certify that this analytical batch meets all the requirements set forth in the appropriate SOPs with the exceptions noted above.

Analyst Signature: [Signature]

Date: 8-31-05

I certify that this analytical batch has been thoroughly reviewed and all reportable results meet the requirements set forth in the appropriate SOPs with the exceptions noted above.

Reviewer Signature: [Signature]

Date: 08/31/05

Injection Log

Directory: g:\msdchem\2\data\083005

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	96	h30001.d	0.	5H30041-IBL1	1x	30 Aug 05 11:17
2	96	h30002.d	0.	5H30041-IBL2	1x	30 Aug 05 11:28
3	100	h30003.d	0.	5H30041-CCV1 <i>ok</i>	1x 5080100 500ug/L	30 Aug 05 11:47
4	1	h30004.d	0.	5H29033-BLK1	1x	30 Aug 05 12:20
5	2	h30005.d	0.	5H29033-BS1	1x	30 Aug 05 12:38
6	3	h30006.d	0.	5H29033-BSD1	1x	30 Aug 05 12:57
7	4	h30007.d	0.	5H29033-MS1	1x	30 Aug 05 13:18
8	5	h30008.d	0.	5H29033-MSD1	1x	30 Aug 05 13:38
9	6	h30009.d	0.	B5H0591-01	1x	30 Aug 05 13:58
10	7	h30010.d	0.	B5H0591-02	1x	30 Aug 05 14:10
11	8	h30011.d	0.	B5H0591-03	1x	30 Aug 05 14:28
12	9	h30012.d	0.	B5H0591-04	1x	30 Aug 05 14:47
13	10	h30013.d	0.	B5H0591-05	1x	30 Aug 05 15:08
14	100	h30014.d	0.	5H30041-CCV2	1x 5080100 500ug/L	30 Aug 05 15:23
15	100	h30015.d	0.	5H30041-CCV3 <i>ok</i>	1x 5080100 500ug/L	30 Aug 05 15:47
16	11	h30016.d	0.	B5H0591-06	1x	30 Aug 05 16:00
17	12	h30017.d	0.	B5H0591-07	1x	30 Aug 05 16:18
18	13	h30018.d	0.	B5H0591-08	1x	30 Aug 05 16:38
19	14	h30019.d	0.	B5H0591-09	1x	30 Aug 05 16:58
20	15	h30020.d	0.	B5H0640-01	1x	30 Aug 05 17:18
21	16	h30021.d	0.	B5H0640-02	1x	30 Aug 05 17:37
22	17	h30022.d	0.	B5H0558-10	1x	30 Aug 05 17:48
23	100	h30023.d	0.	5H30041-CCV4	1x 5080100 500ug/L	30 Aug 05 18:07
24	100	h30024.d	0.	5H30041-CCV5 <i>ok</i>	1x 5080100 500ug/L	30 Aug 05 18:28
25	99	h30025.d	0.	5H30041-IBL3	1x	30 Aug 05 18:48
26	99	h30026.d	0.	5H30041-IBL4	1x	31 Aug 05 00:48

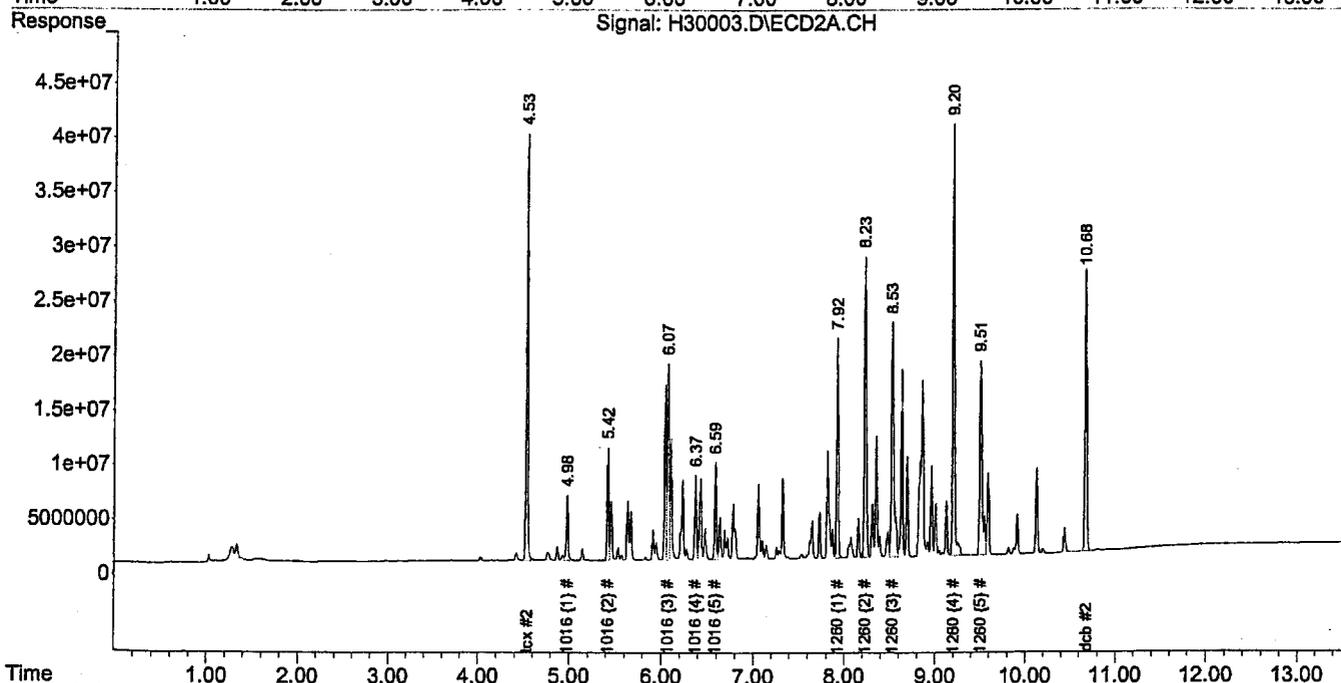
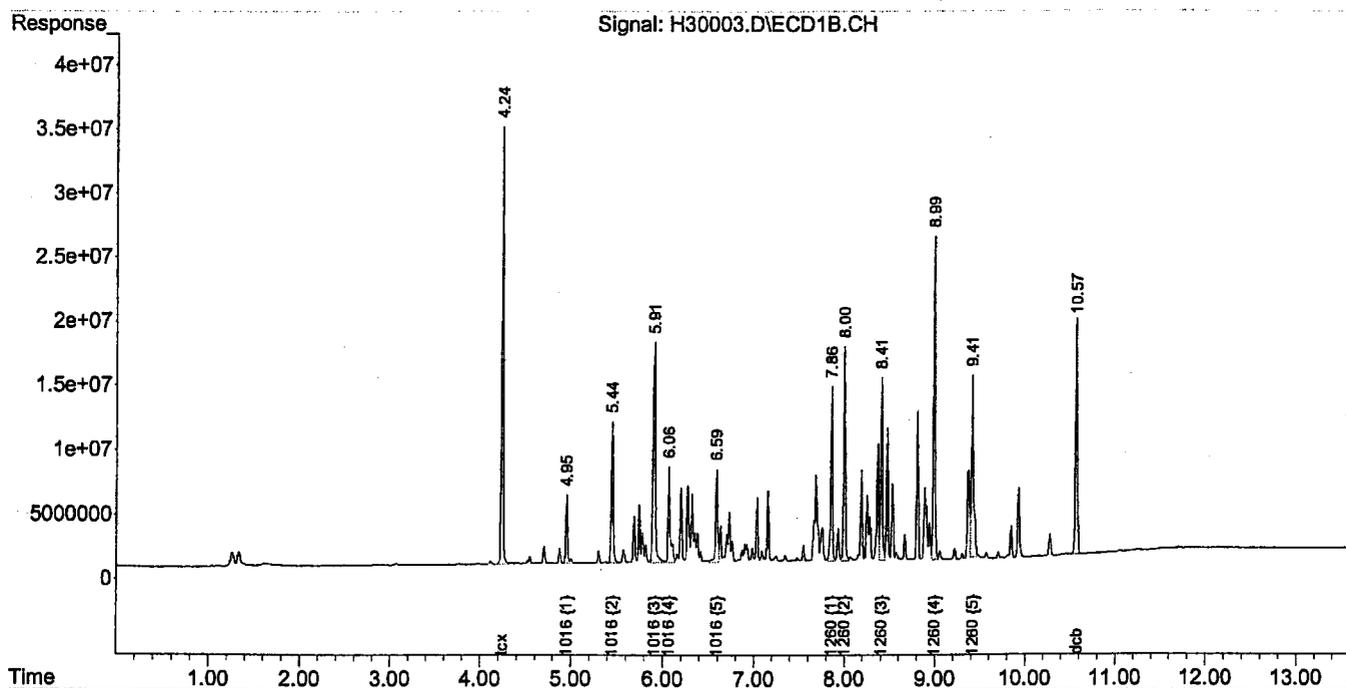
copy F. 31.05
Hex lot # 050139

Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30003.D
 Acq On : 30 Aug 2005 11:47
 Sample : 5H30041-CCV1
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5080100 500ug/L

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:11:44 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

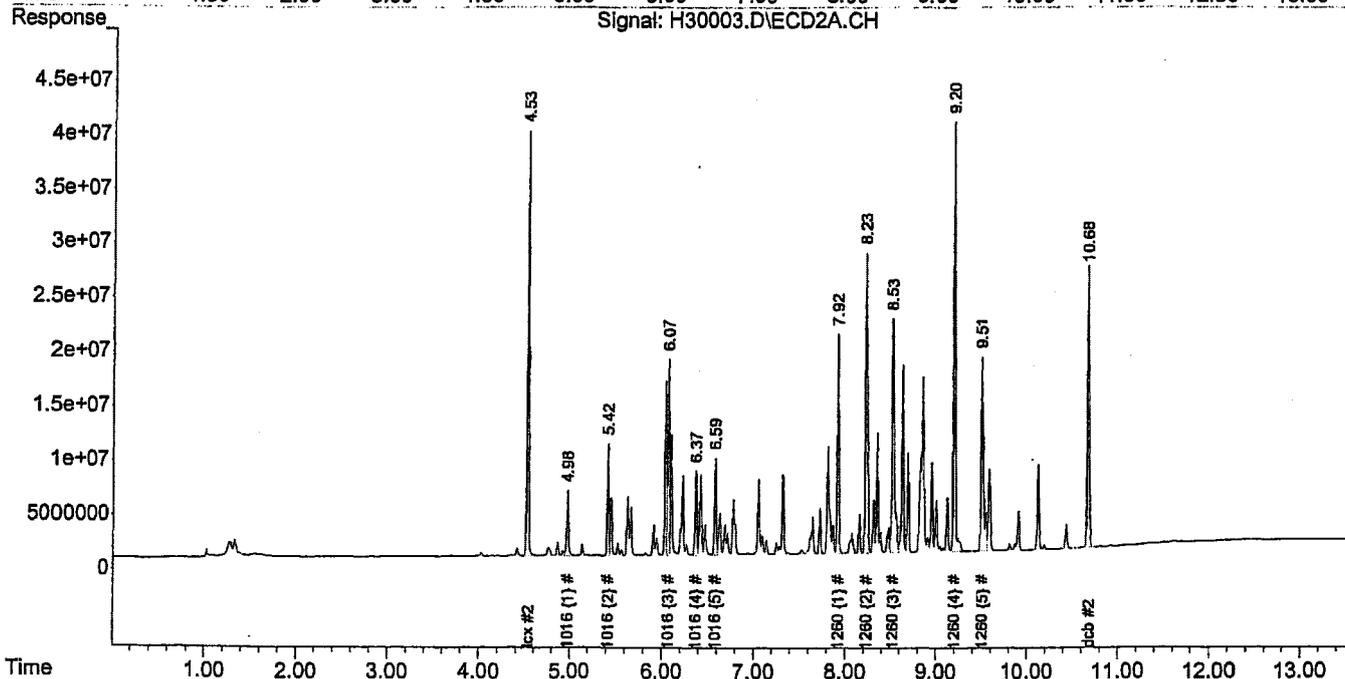
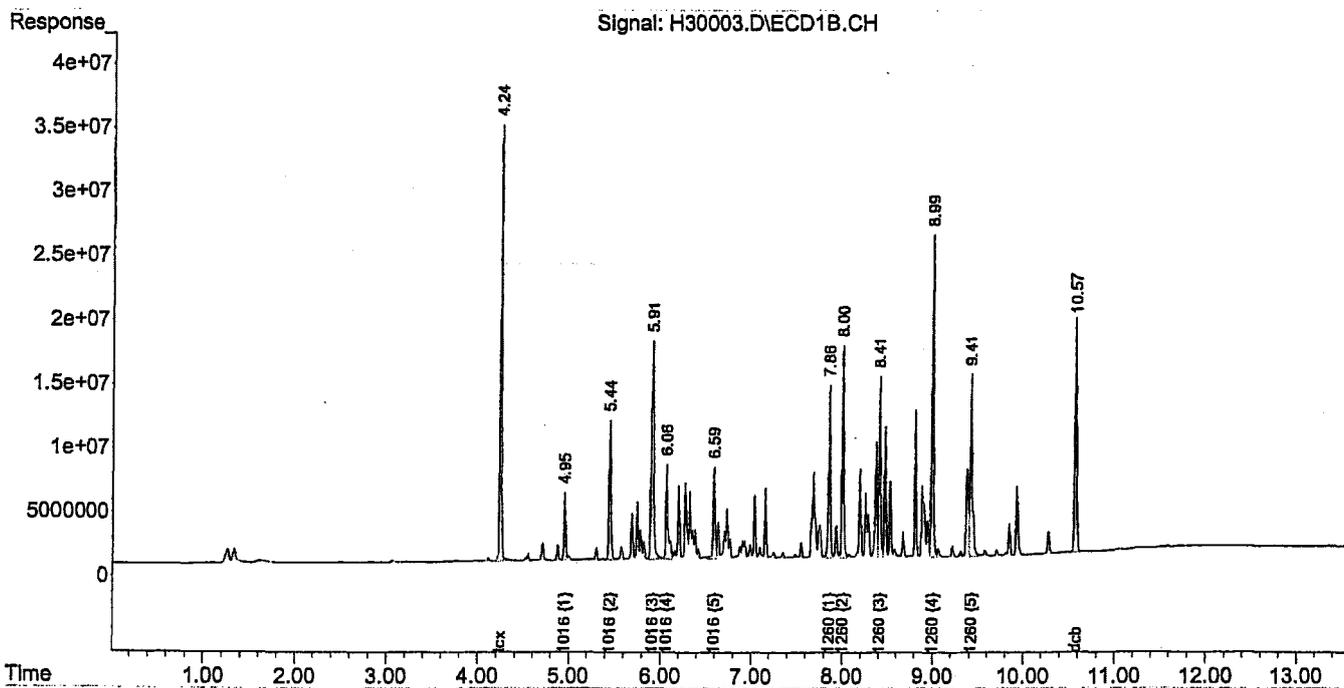


Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30003.D
 Acq On : 30 Aug 2005 11:47
 Sample : 5H30041-CCV1
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5080100 500ug/L

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 05:59:54 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

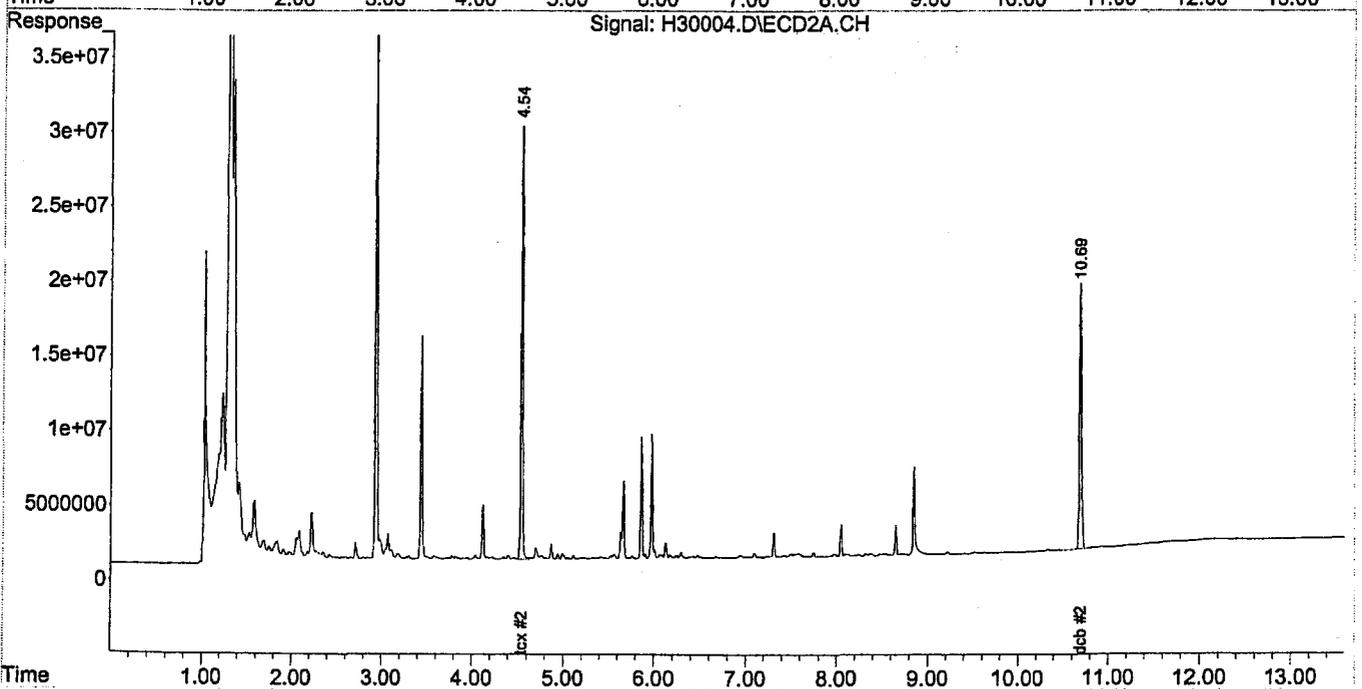
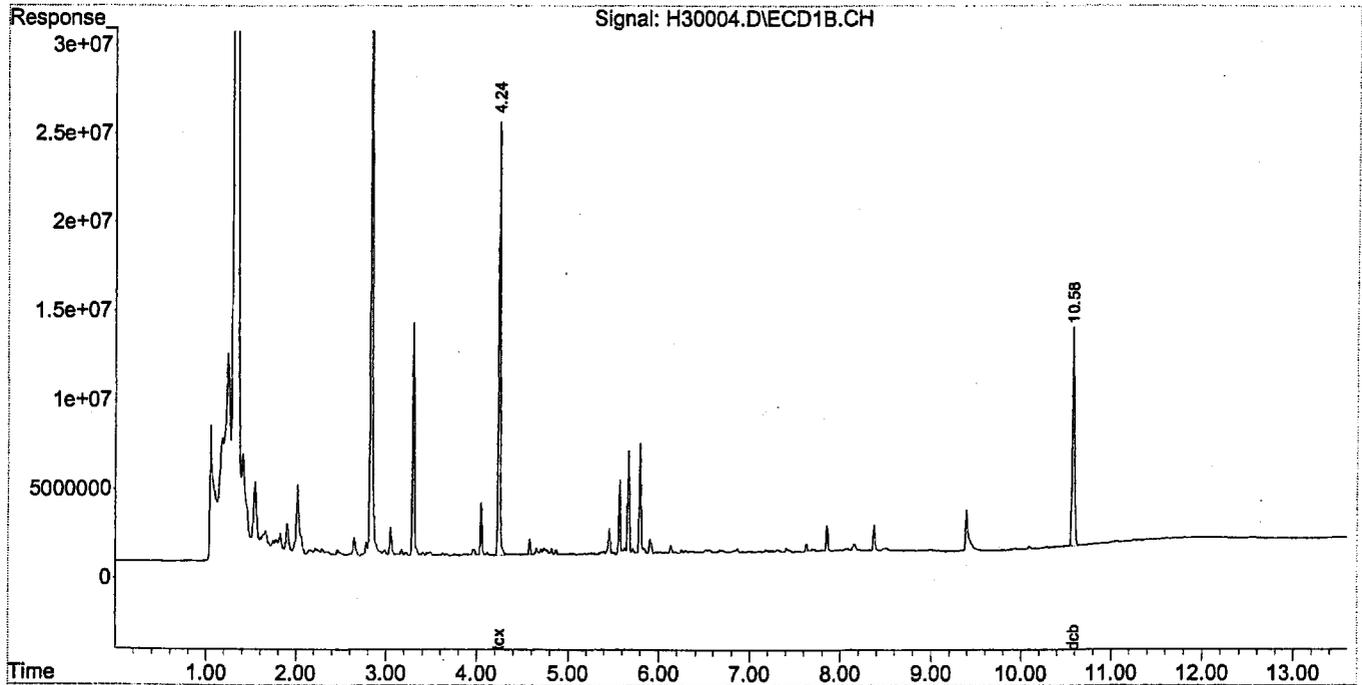
Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\083005\
Data File : H30004.D
Acq On : 30 Aug 2005 12:20 Operator: eg
Sample : 5H29033-BLK1 Inst : ECD-6
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Misc : 1x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
Integration File signal 2: 1016#3.E
Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
Quant Title : Method 8082 - 1016/1260 Initial Calibration
Quant Time: Aug 31 06:27:58 2005
QLast Update : Wed Aug 24 13:56:19 2005
Response via : Initial Calibration

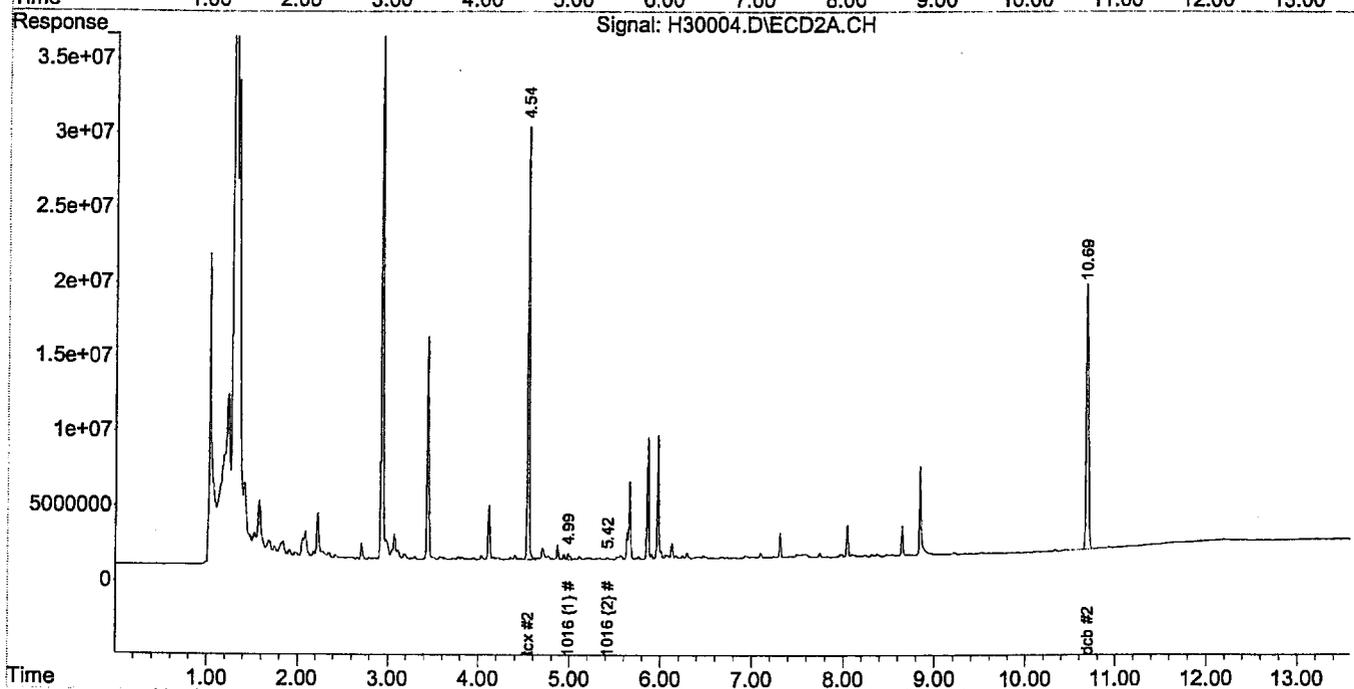
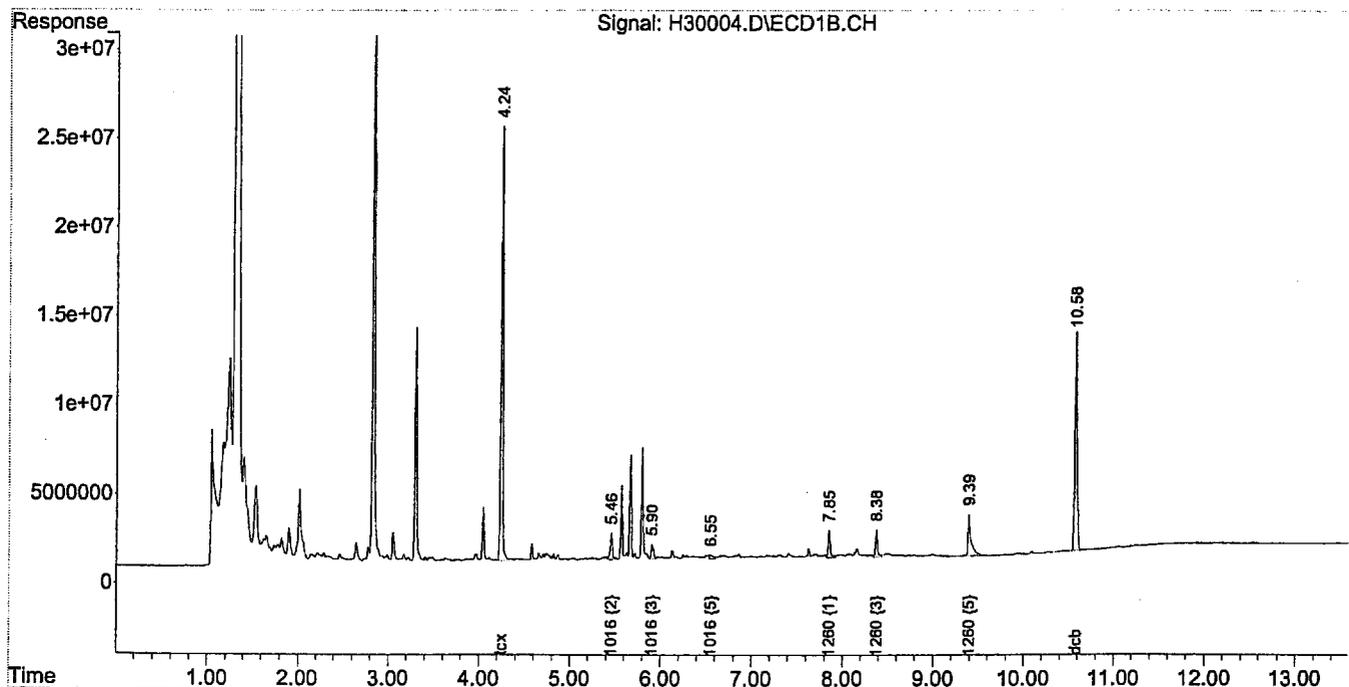
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30004.D
 Acq On : 30 Aug 2005 12:20 Operator: eg
 Sample : 5H29033-BLK1 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:00:04 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\083005\

Data File : H30005.D

Acq On : 30 Aug 2005 12:38

Operator: eg

Sample : 5H29033-BS1

Inst : ECD-6

Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH

Misc : 1x

Multiplr: 1.00

Integration File signal 1: AUTOINT1.E

Integration File signal 2: 1016#3.E

Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M

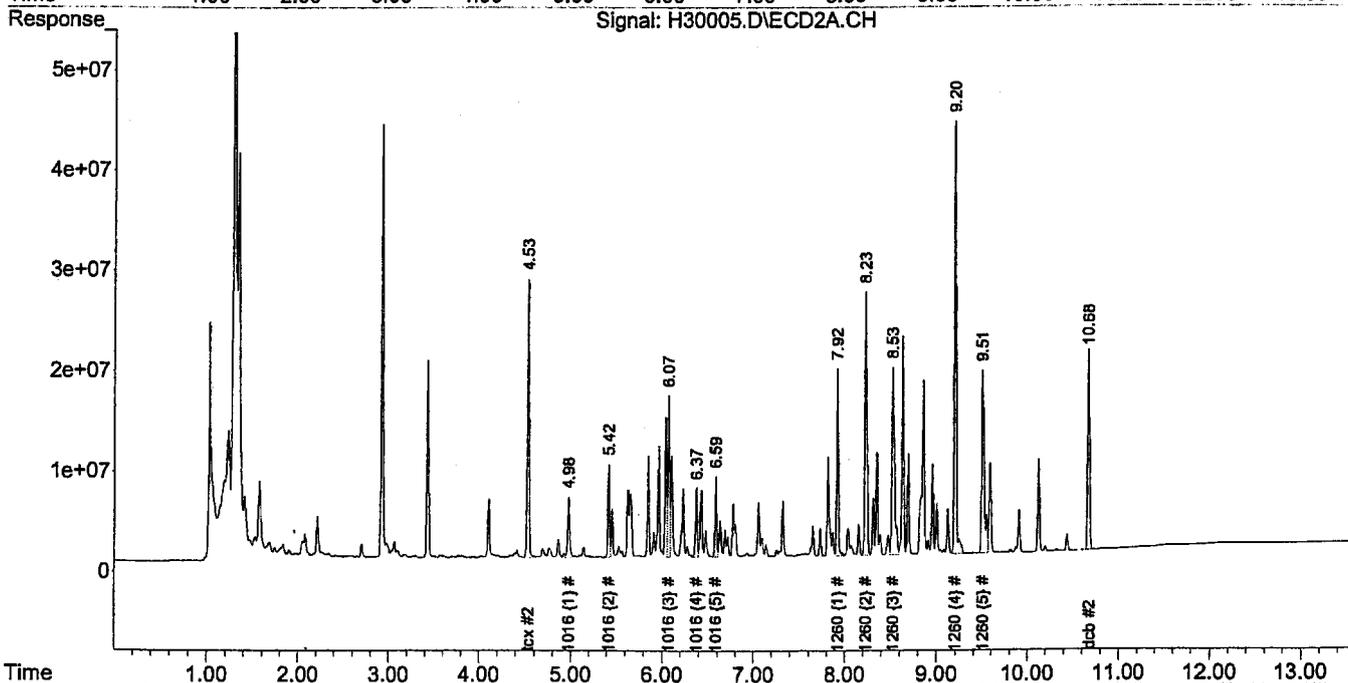
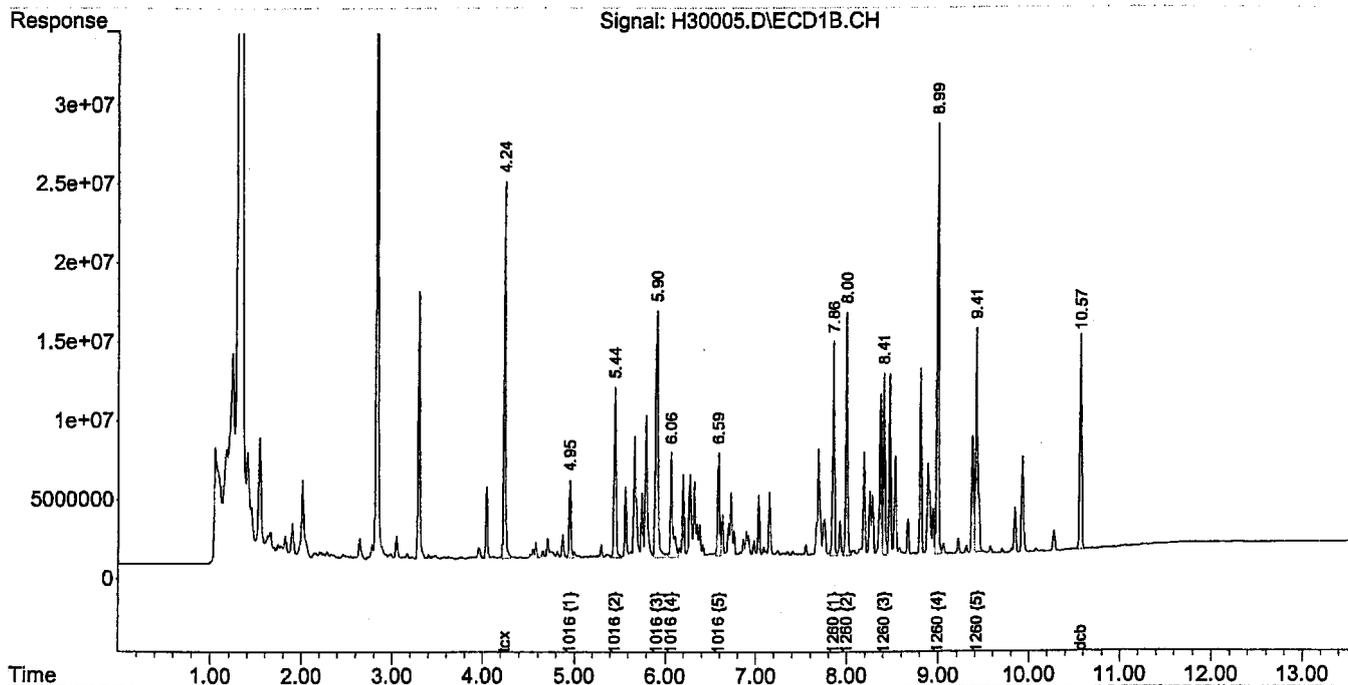
Quant Title : Method 8082 - 1016/1260 Initial Calibration

Quant Time: Aug 31 06:28:39 2005

QLast Update : Wed Aug 24 13:56:19 2005

Response via : Initial Calibration

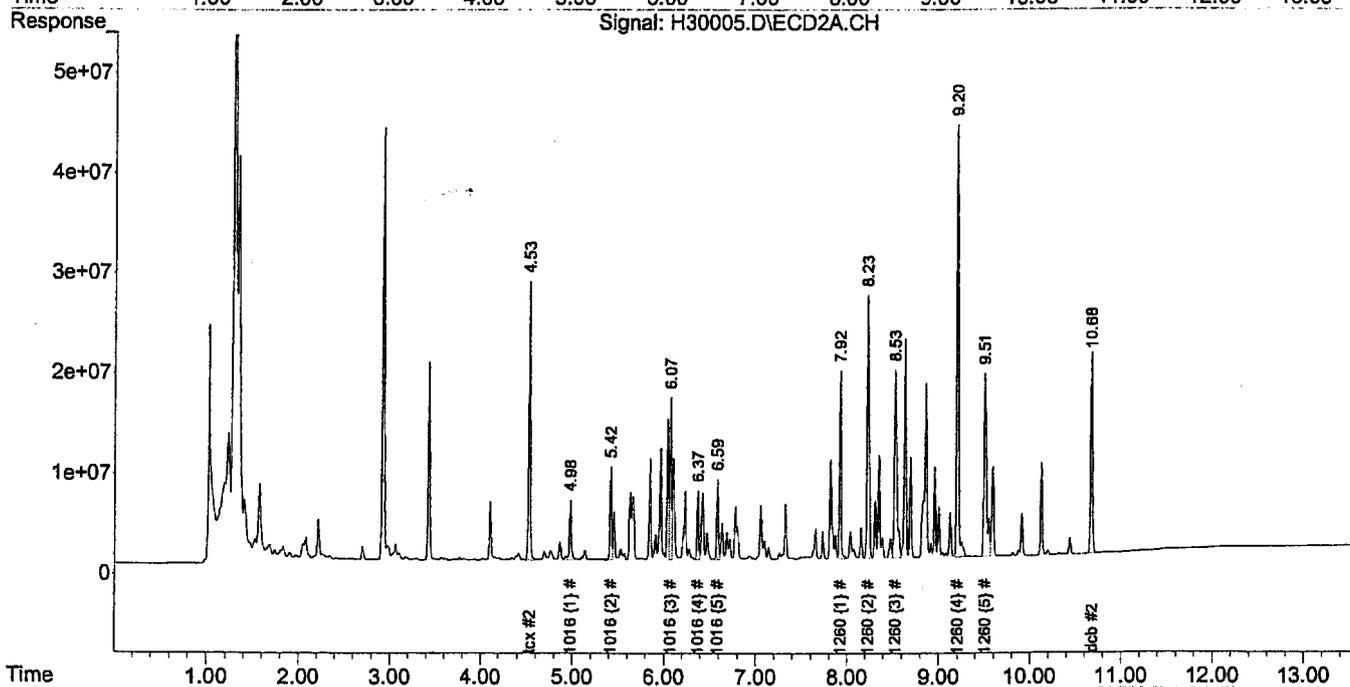
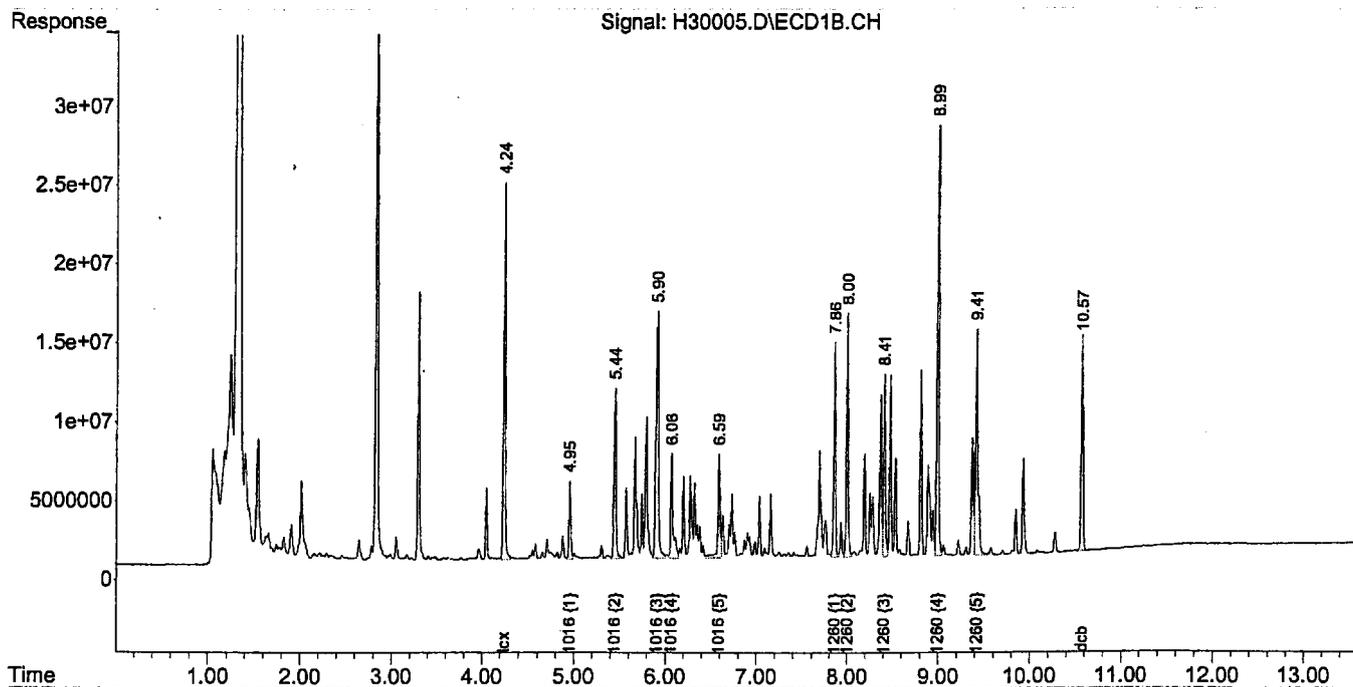
Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30005.D
 Acq On : 30 Aug 2005 12:38 Operator: eg
 Sample : 5H29033-BS1 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:00:14 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

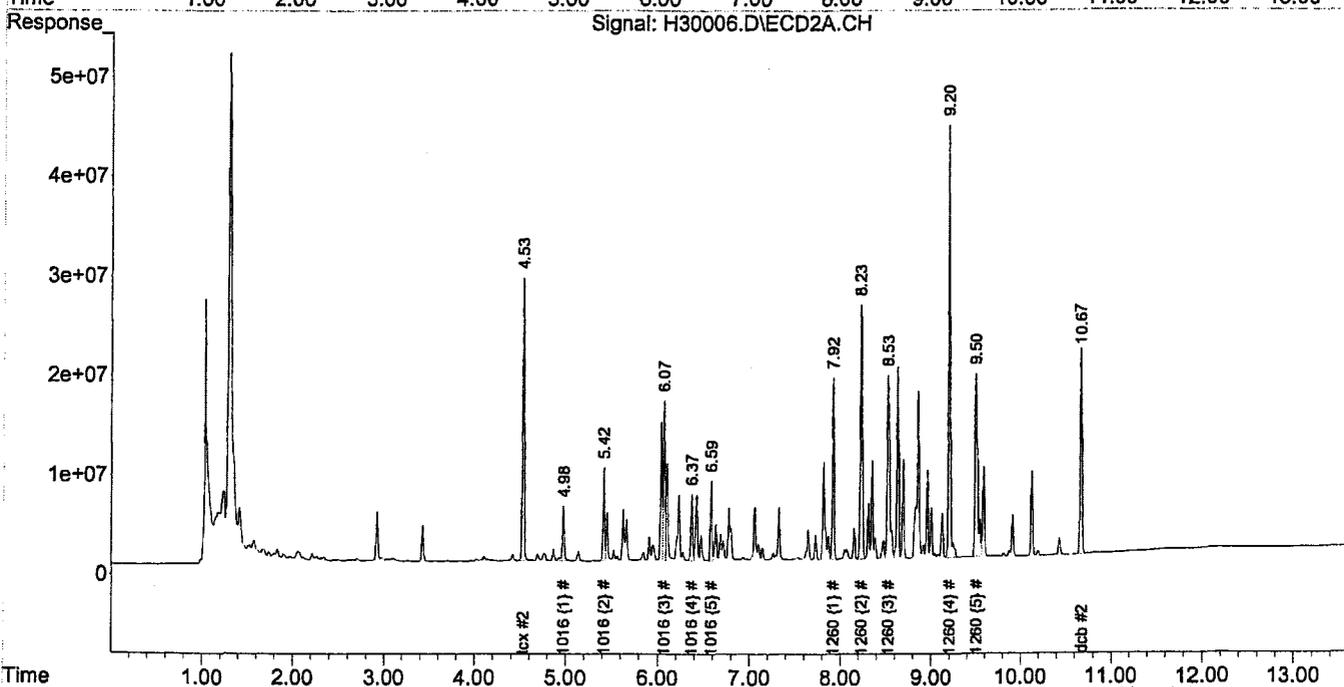
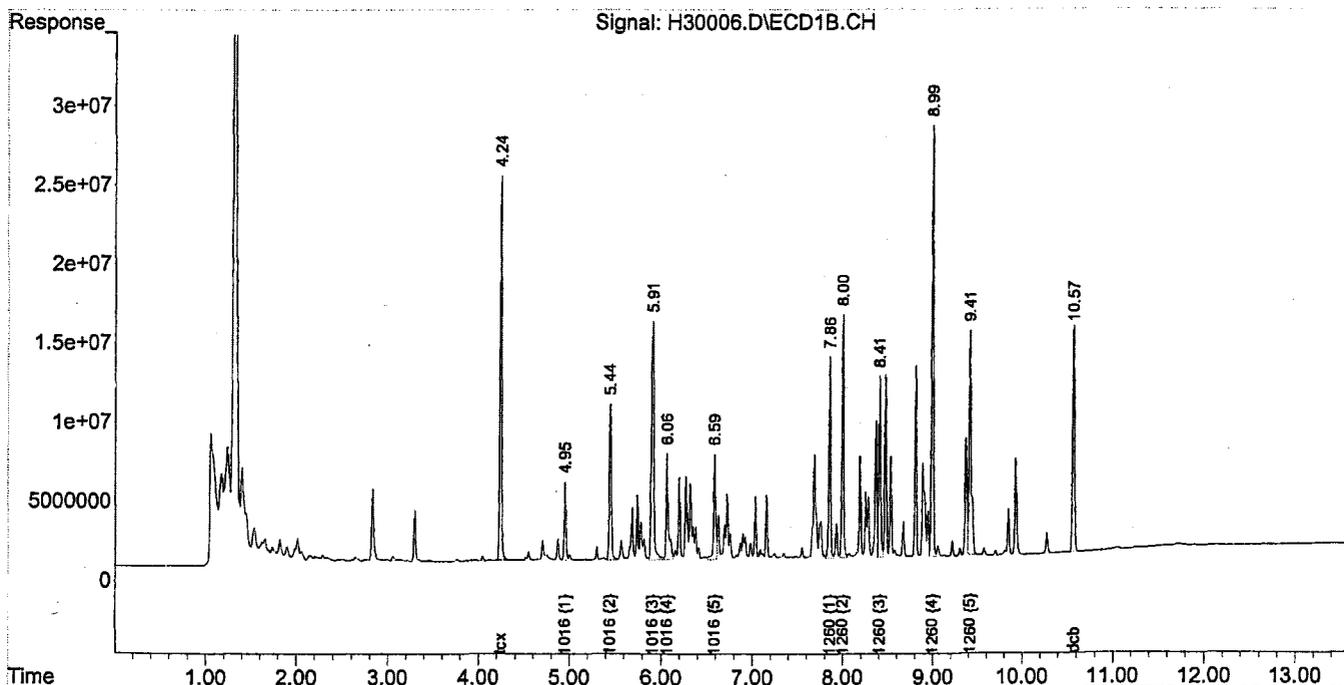


Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30006.D
 Acq On : 30 Aug 2005 12:57
 Sample : 5H29033-BSD1
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:29:06 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

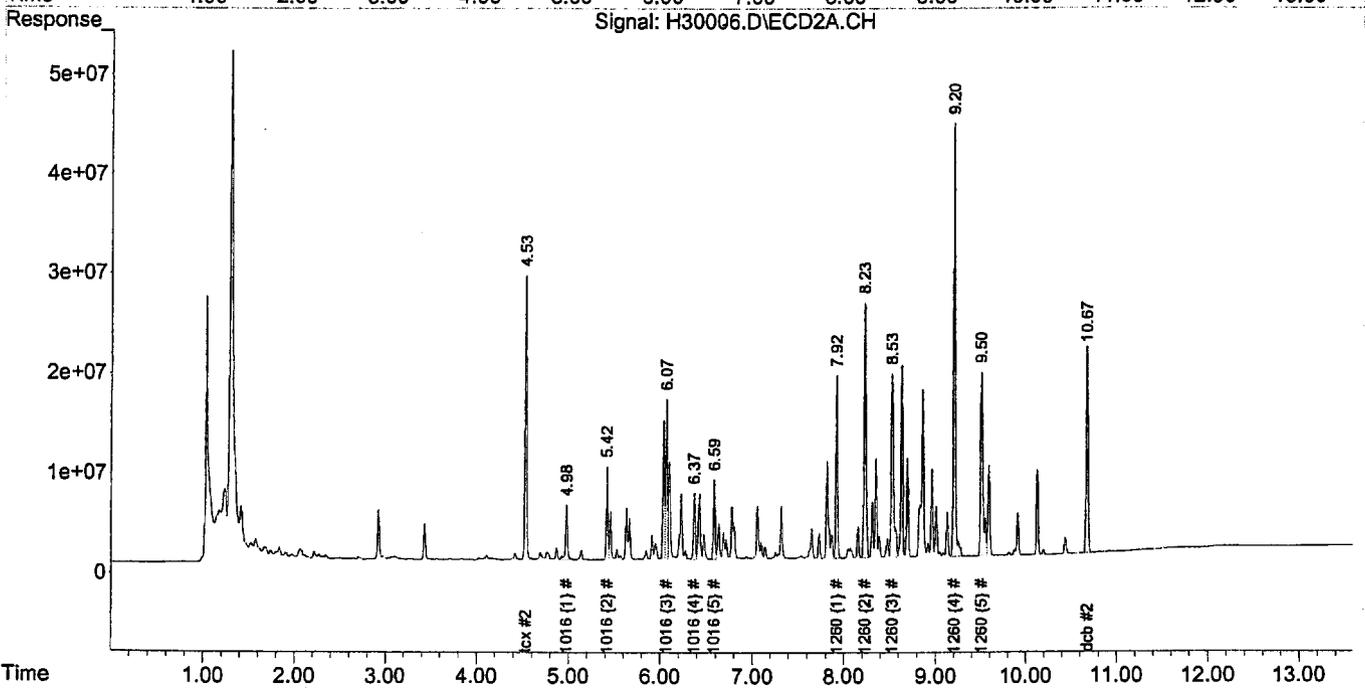
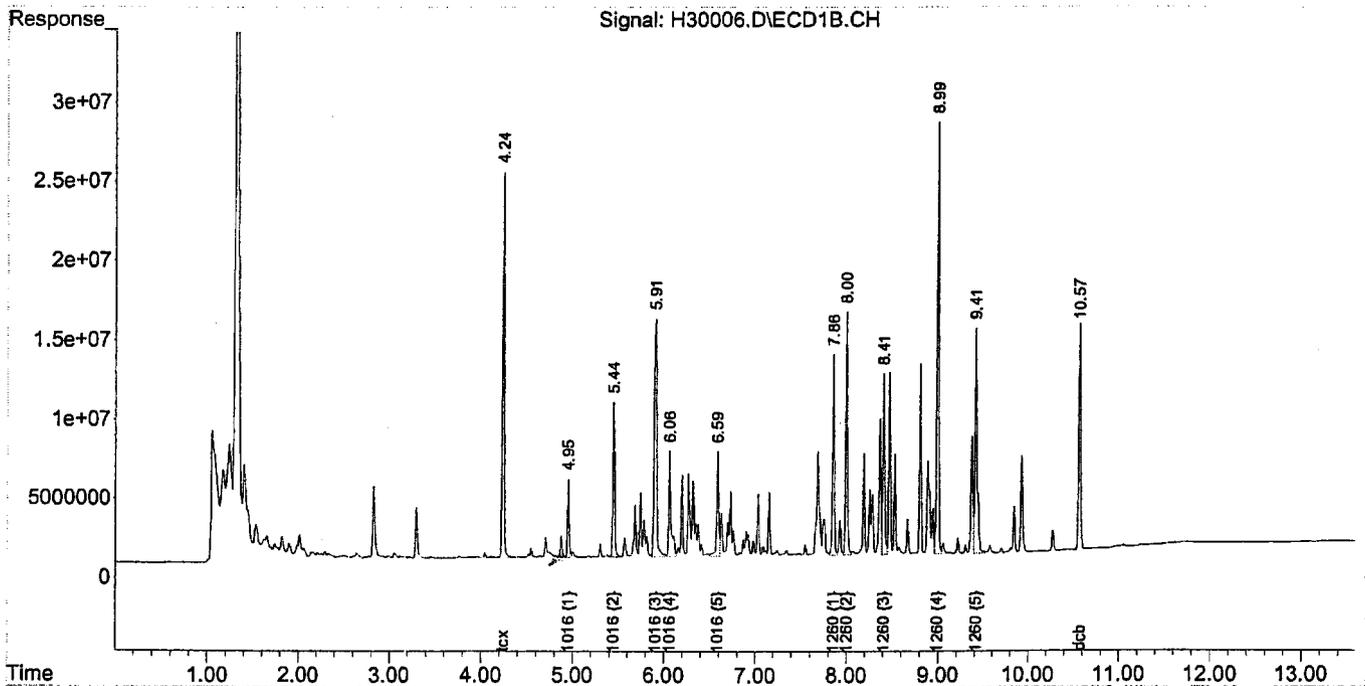


Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30006.D
 Acq On : 30 Aug 2005 12:57
 Sample : 5H29033-BSD1
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:00:24 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

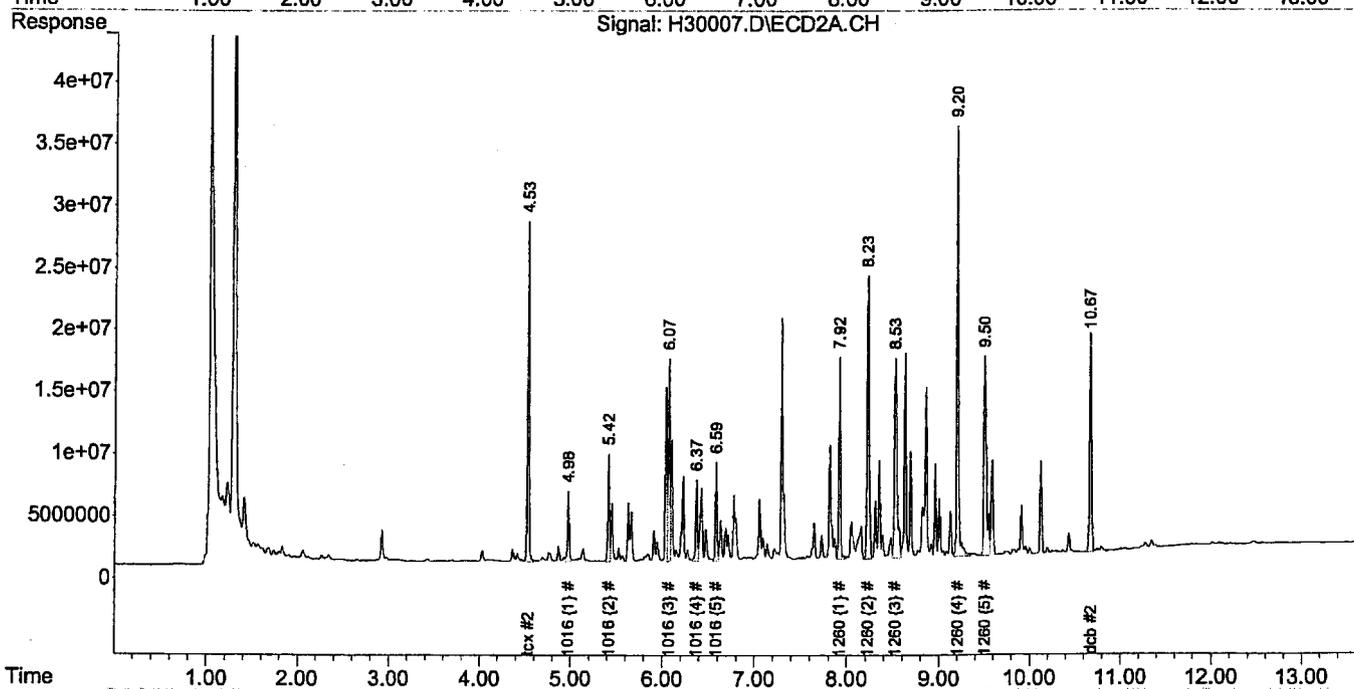
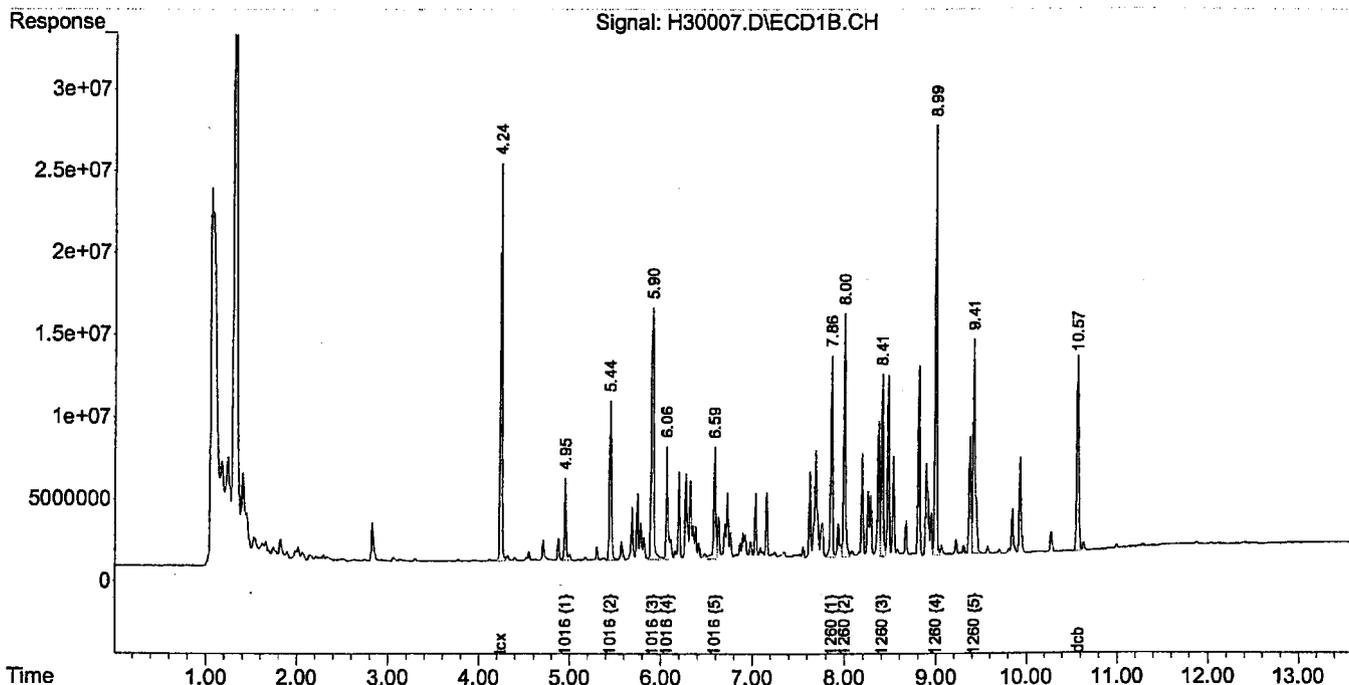


Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30007.D
 Acq On : 30 Aug 2005 13:15
 Sample : 5H29033-MS1
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:29:35 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

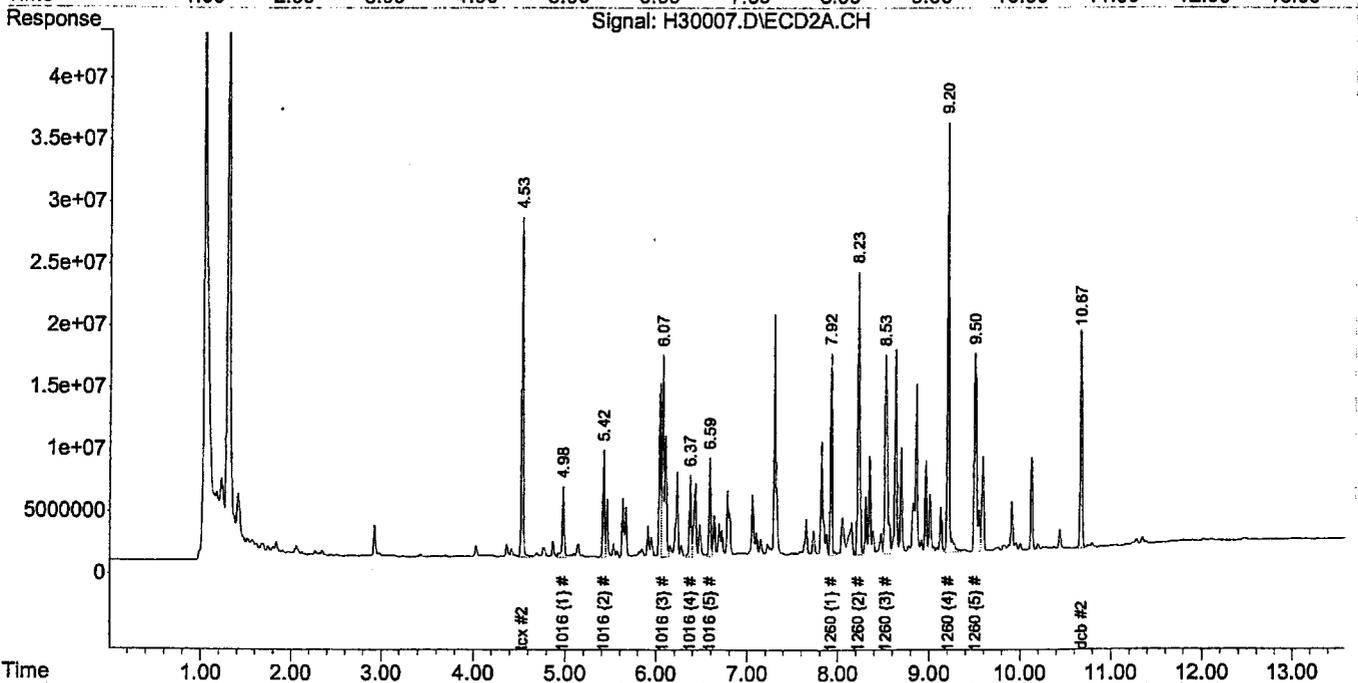
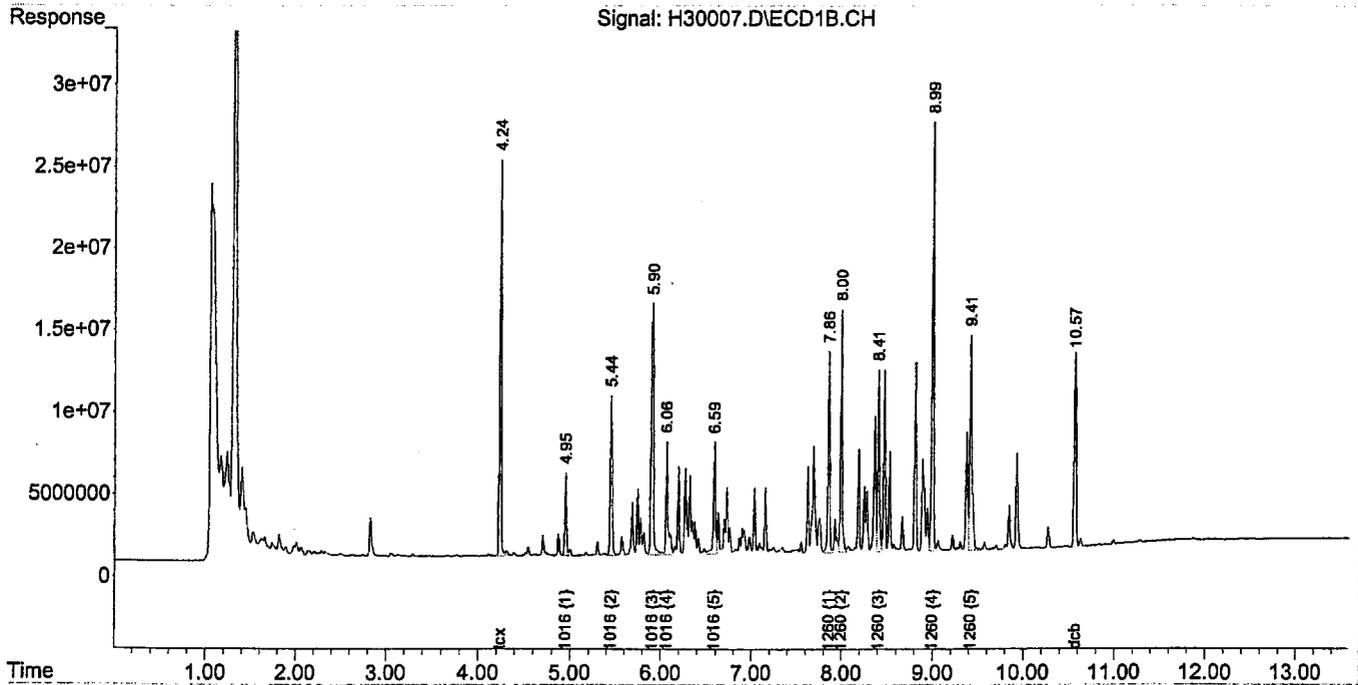


Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30007.D
 Acq On : 30 Aug 2005 13:15
 Sample : 5H29033-MS1
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:00:34 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

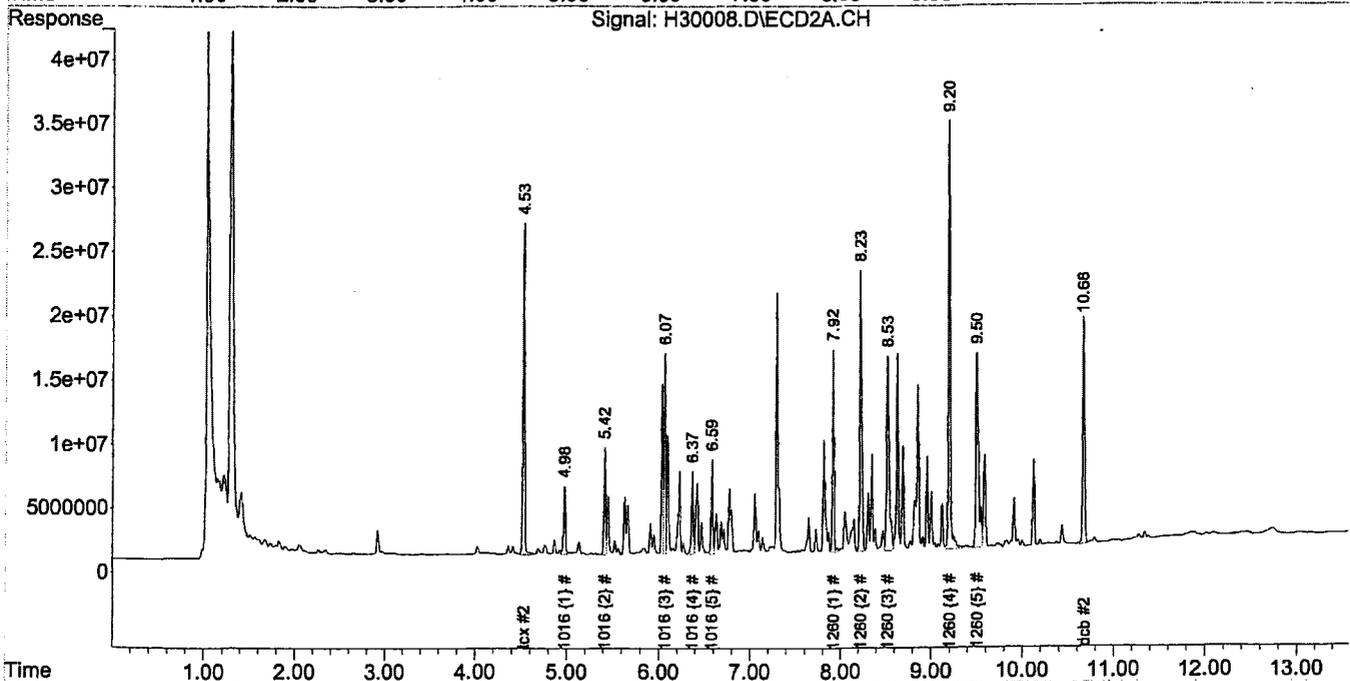
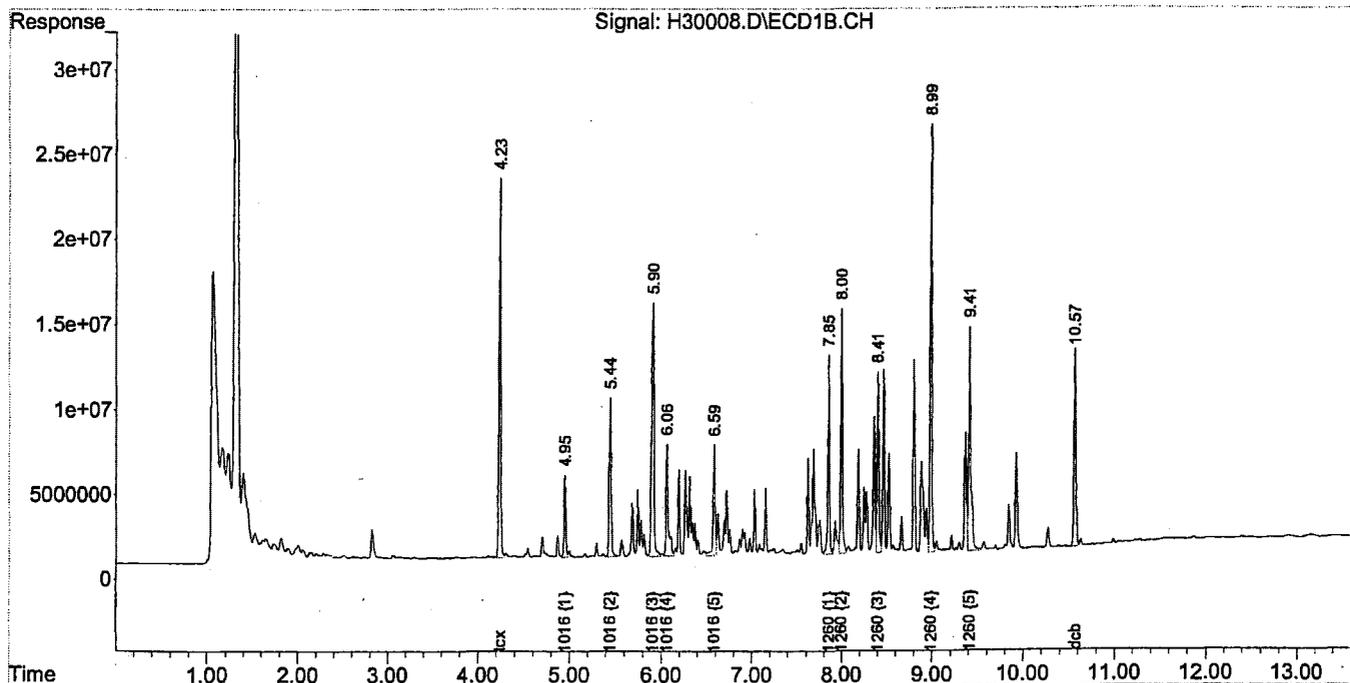
Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30008.D
 Acq On : 30 Aug 2005 13:33 Operator: eg
 Sample : 5H29033-MSD1 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:29:54 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

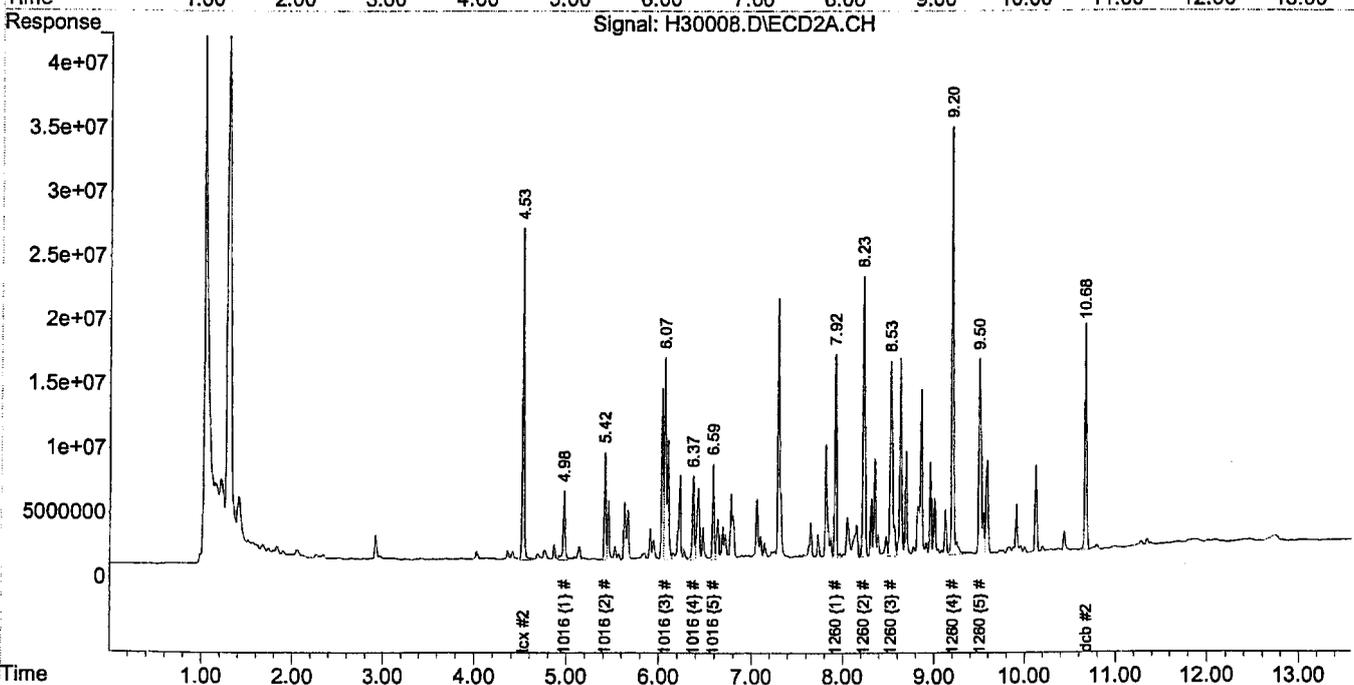
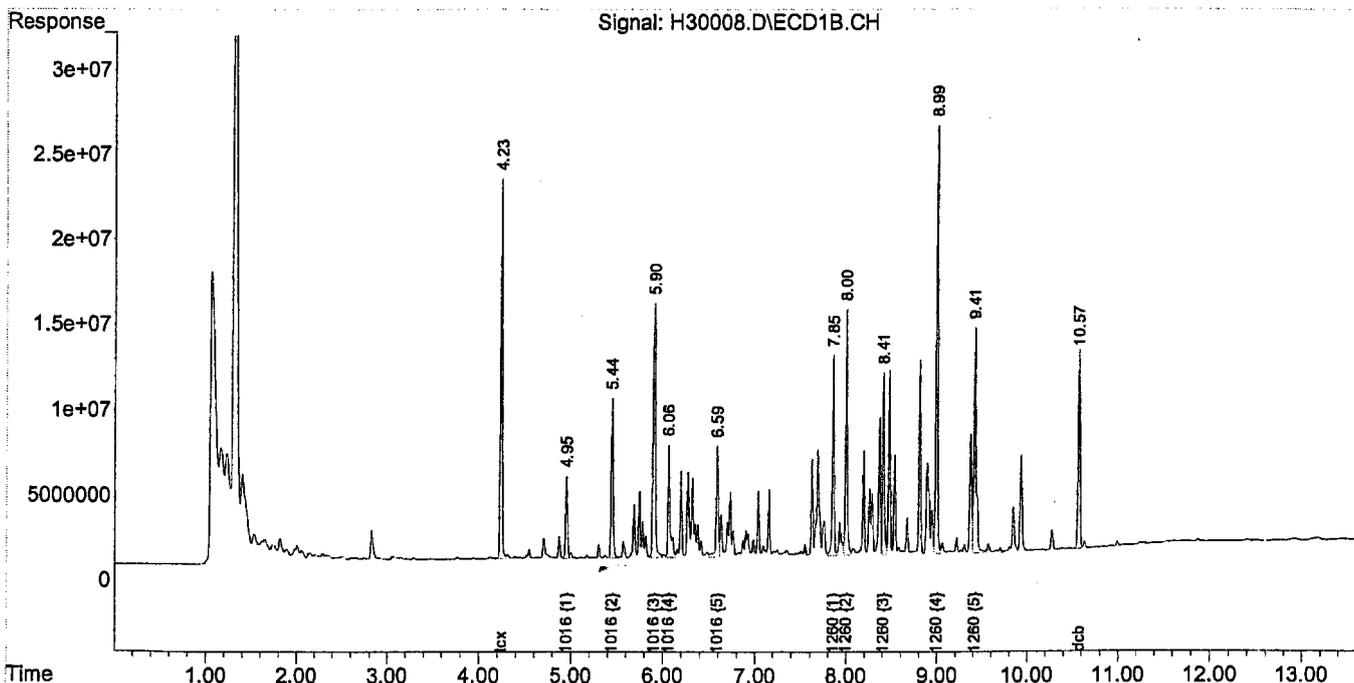


Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30008.D
 Acq On : 30 Aug 2005 13:33
 Sample : 5H29033-MSD1
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:00:44 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

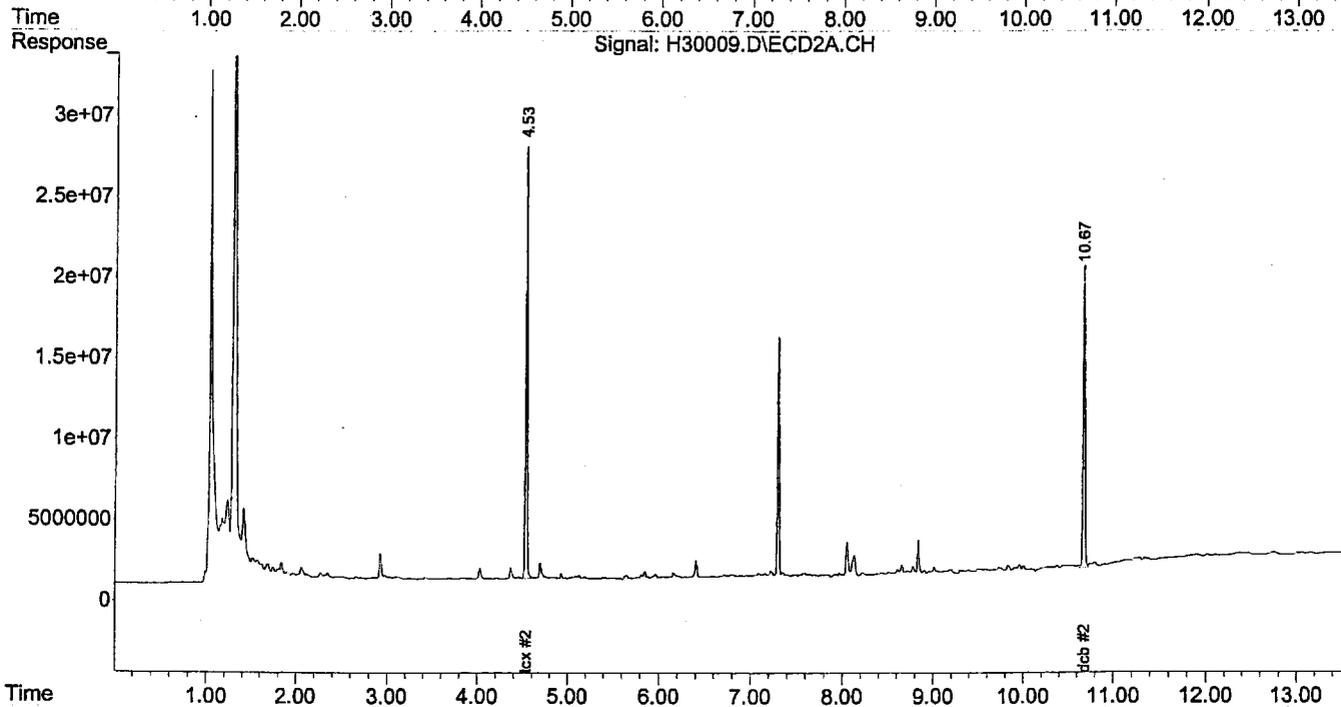
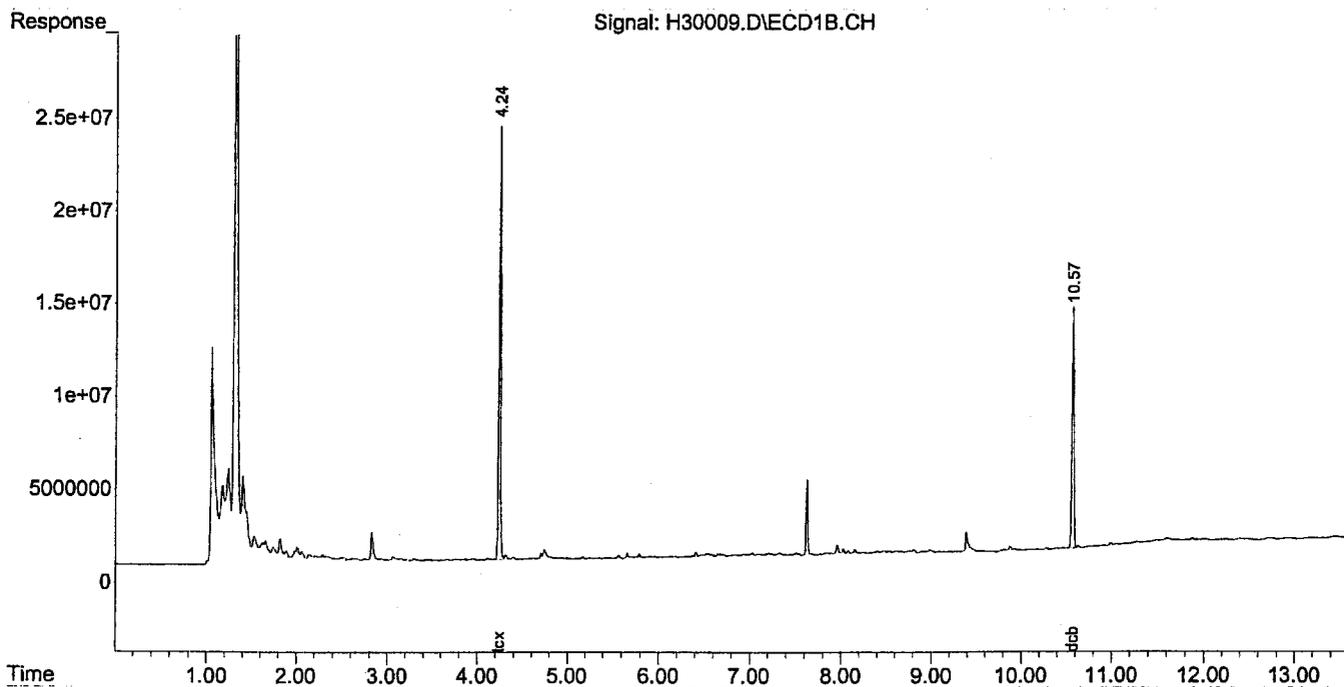


Data Path : C:\MSDCHEM\2\DATA\083005\
Data File : H30009.D
Acq On : 30 Aug 2005 13:52
Sample : B5H0591-01
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Misc : 1x

Operator: eg
Inst : ECD-6
Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
Integration File signal 2: 1016#3.E
Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
Quant Title : Method 8082 - 1016/1260 Initial Calibration
Quant Time: Aug 31 06:30:25 2005
QLast Update : Wed Aug 24 13:56:19 2005
Response via : Initial Calibration

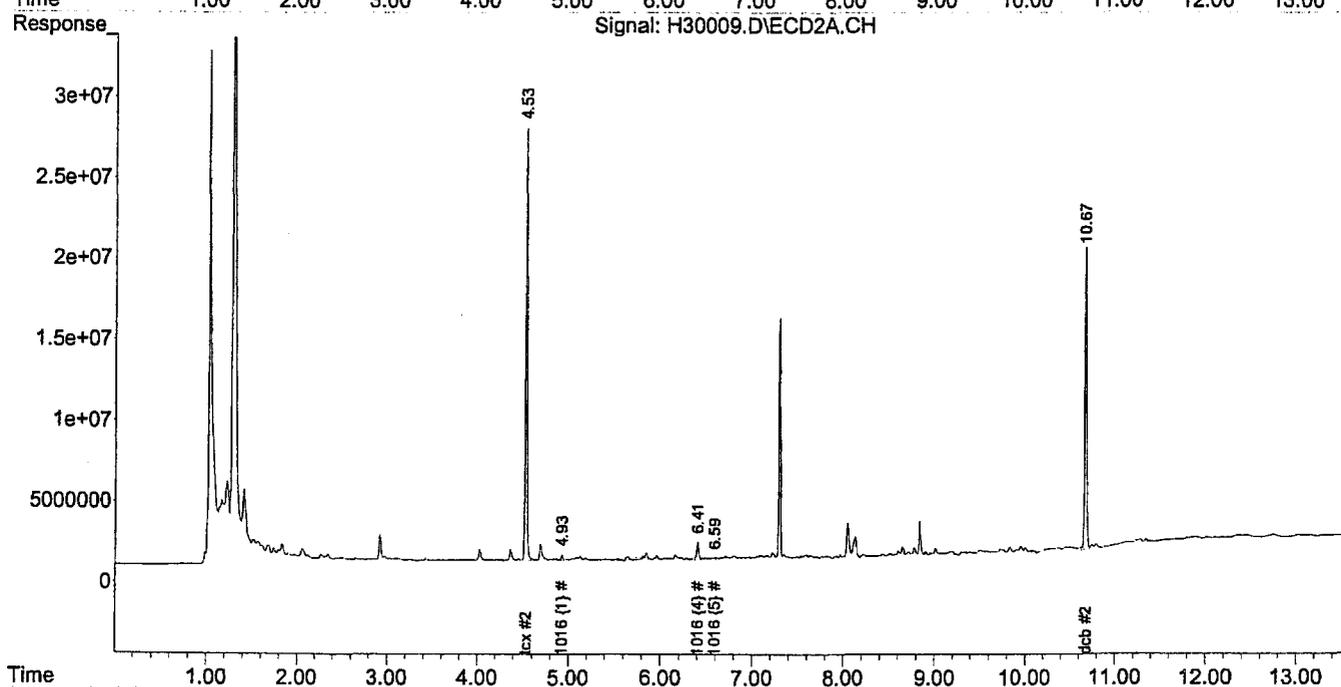
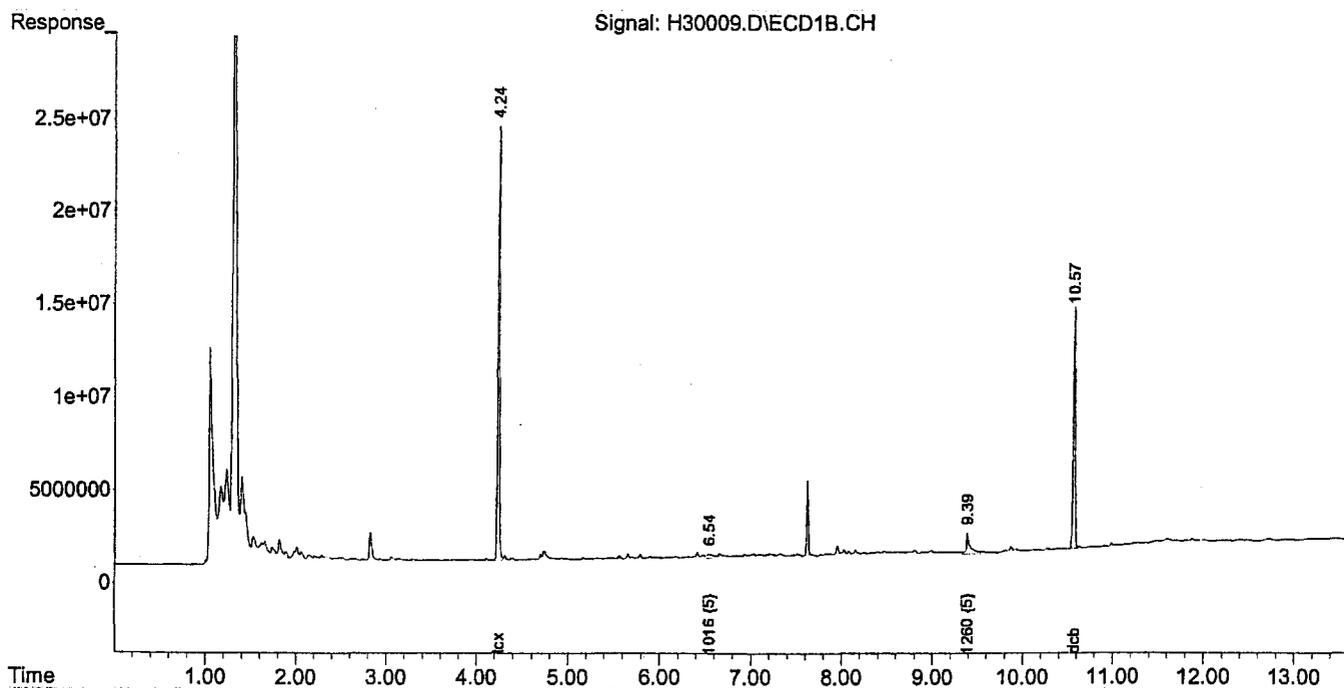
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30009.D
 Acq On : 30 Aug 2005 13:52 Operator: eg
 Sample : B5H0591-01 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:00:54 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\083005\

Data File : H30015.D

Acq On : 30 Aug 2005 15:41

Sample : 5H30041-CCV3

Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH

Misc : 1x 5080100 500ug/L

Operator: eg

Inst : ECD-6

Multiplr: 1.00

Integration File signal 1: AUTOINT1.E

Integration File signal 2: 1016#3.E

Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M

Quant Title : Method 8082 - 1016/1260 Initial Calibration

Quant Time: Aug 31 06:12:55 2005

QLast Update : Wed Aug 24 13:56:19 2005

Response via : Initial Calibration

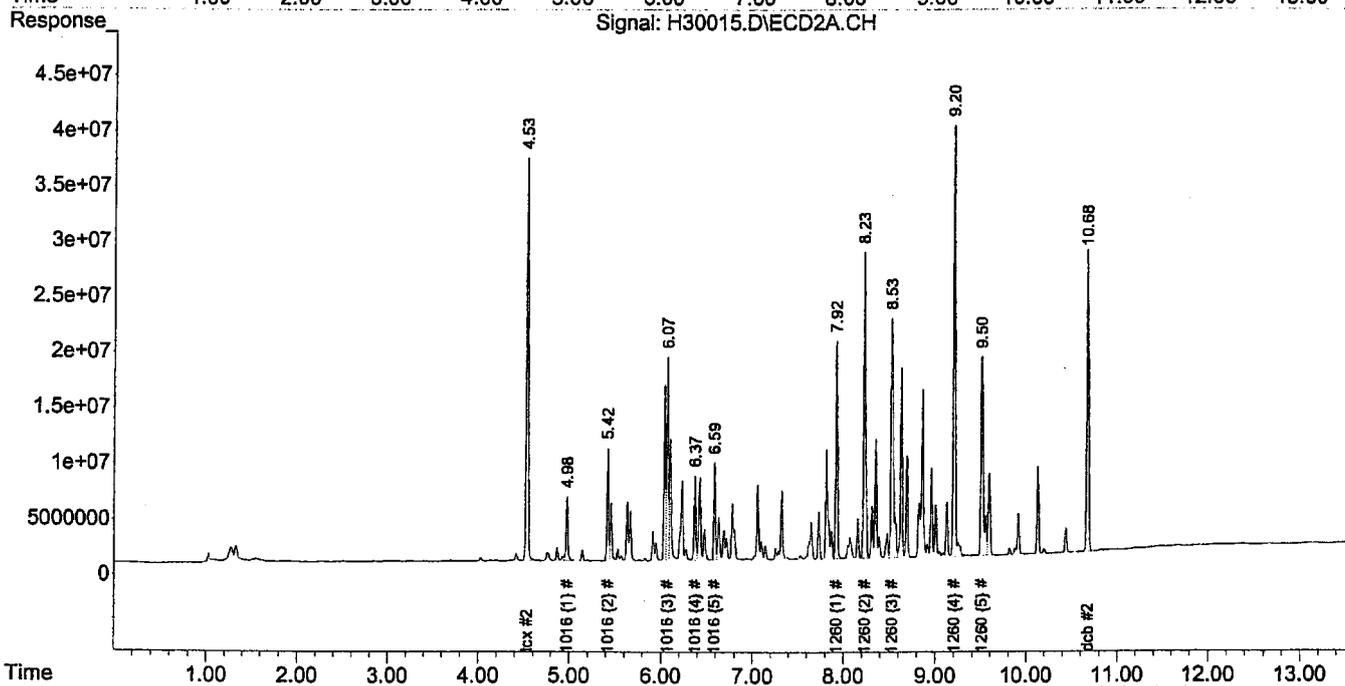
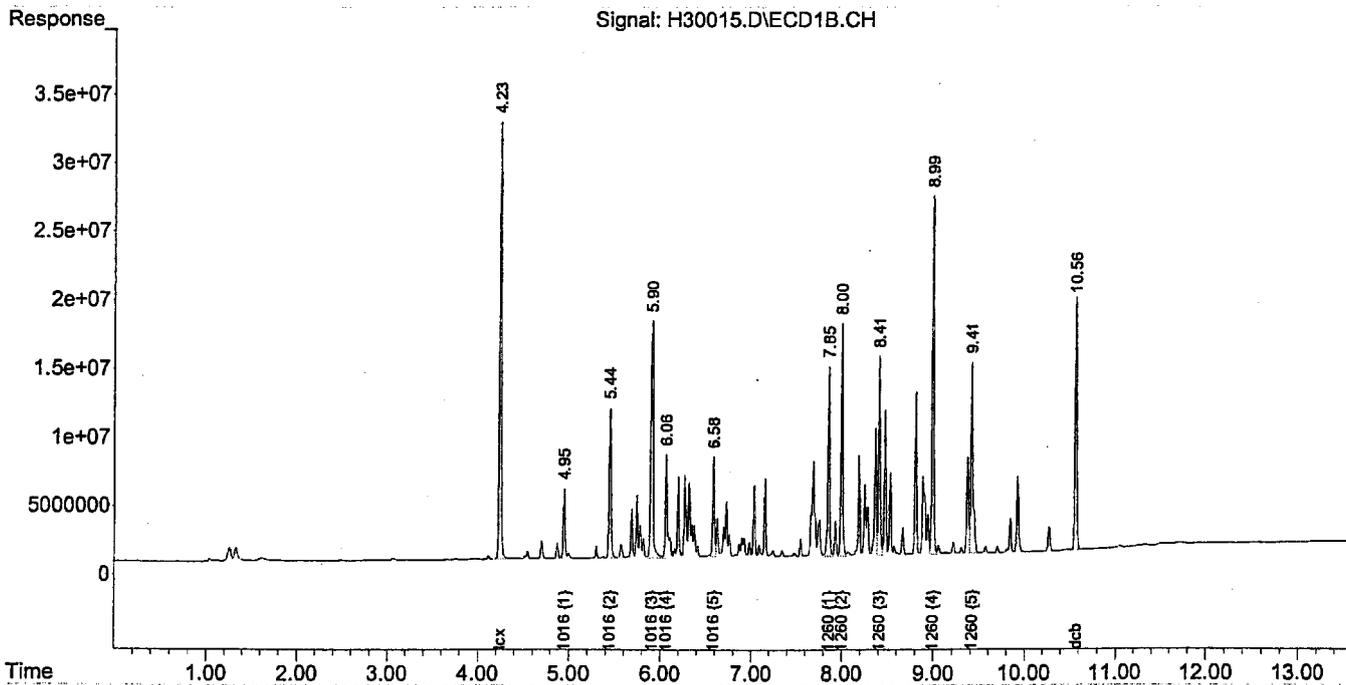
Volume Inj. :

Signal #1 Phase :

Signal #1 Info :

Signal #2 Phase:

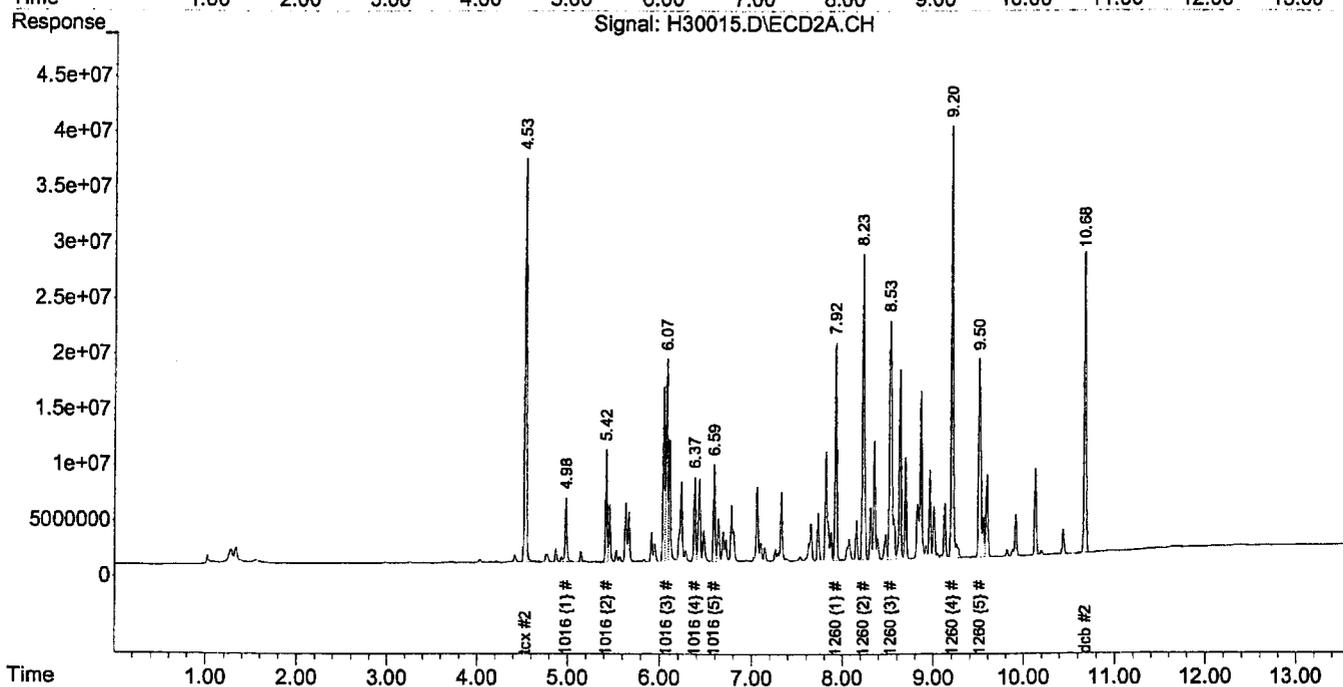
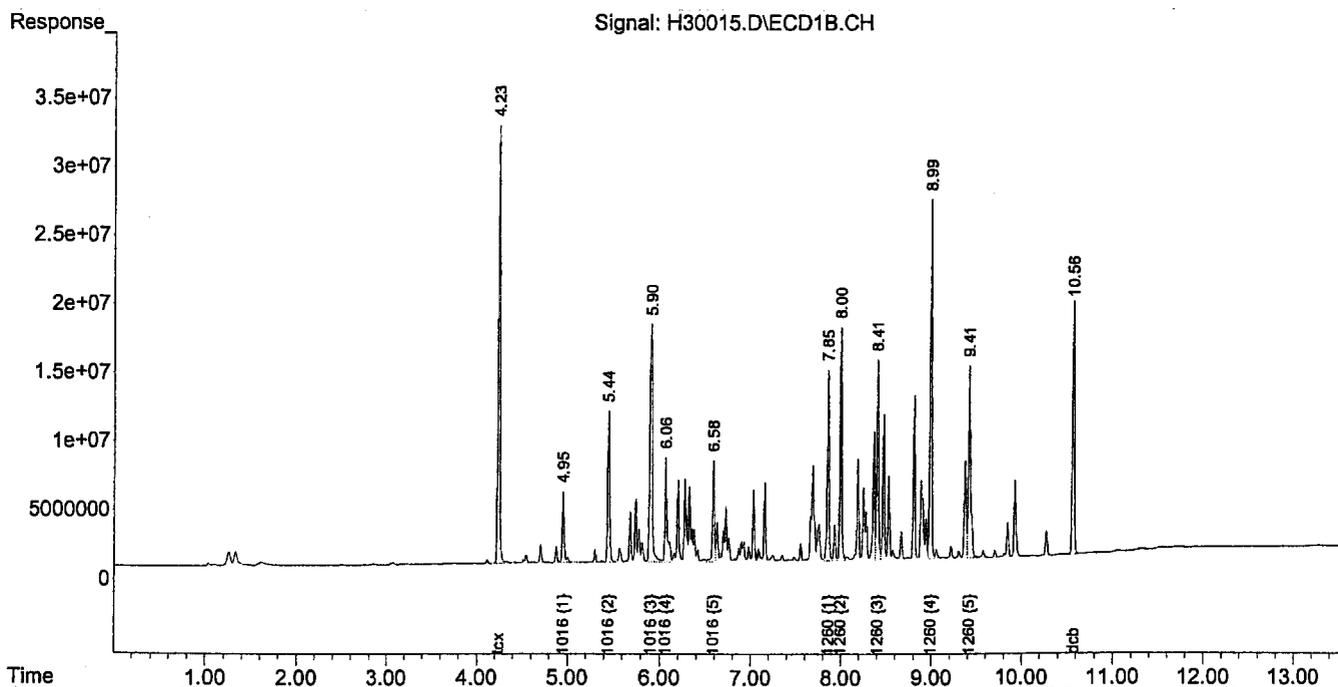
Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30015.D
 Acq On : 30 Aug 2005 15:41 Operator: eg
 Sample : 5H30041-CCV3 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5080100 500ug/L Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:01:53 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

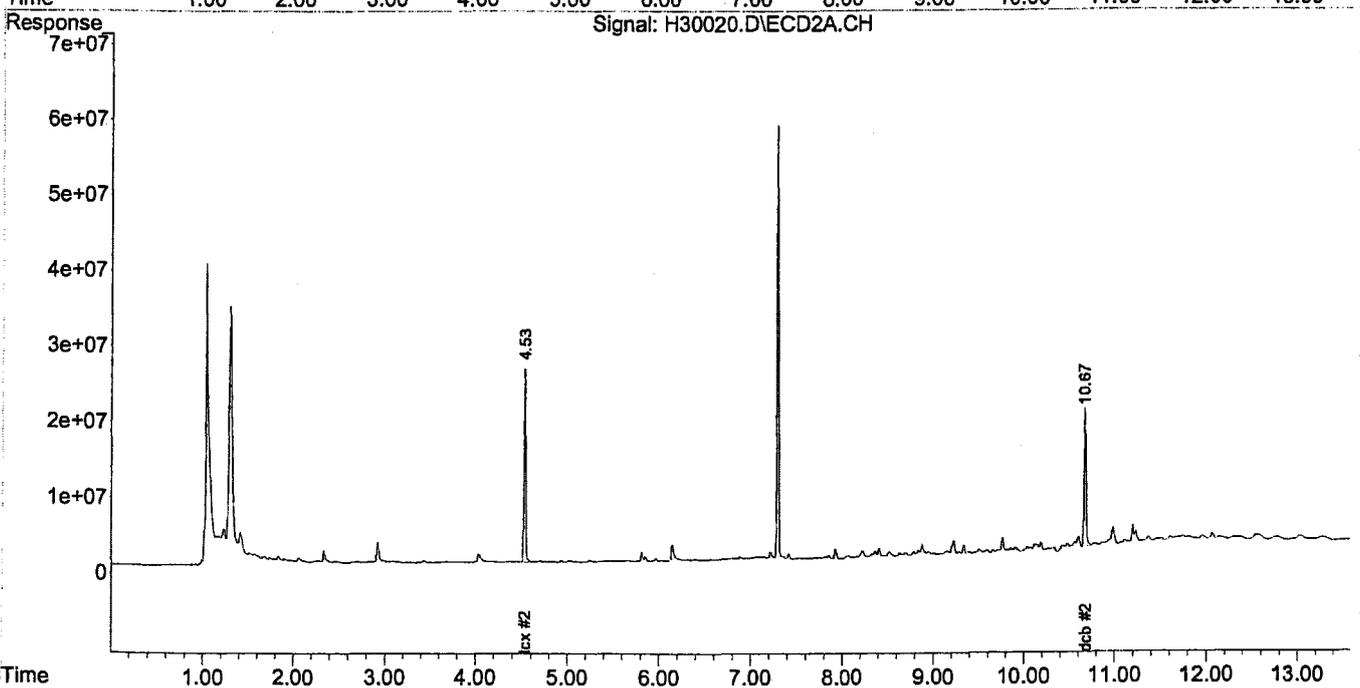
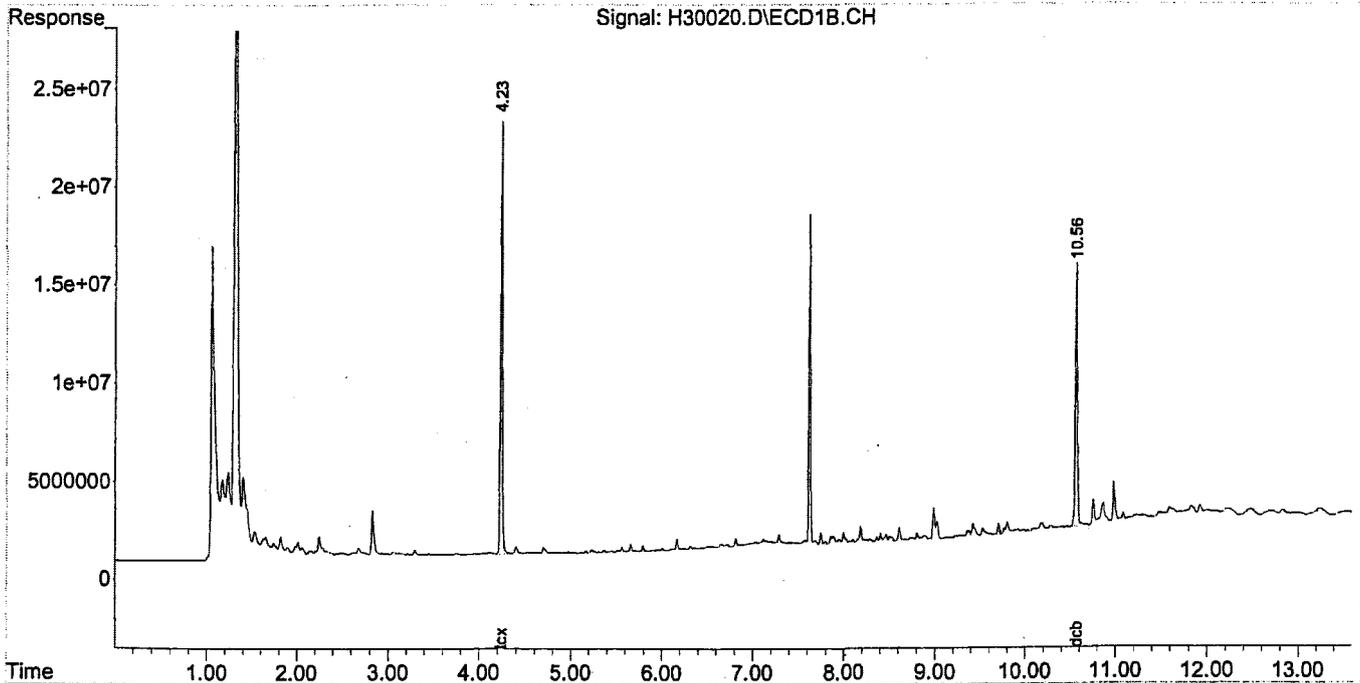
Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30020.D
 Acq On : 30 Aug 2005 17:13 Operator: eg
 Sample : B5H0640-01 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:36:18 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

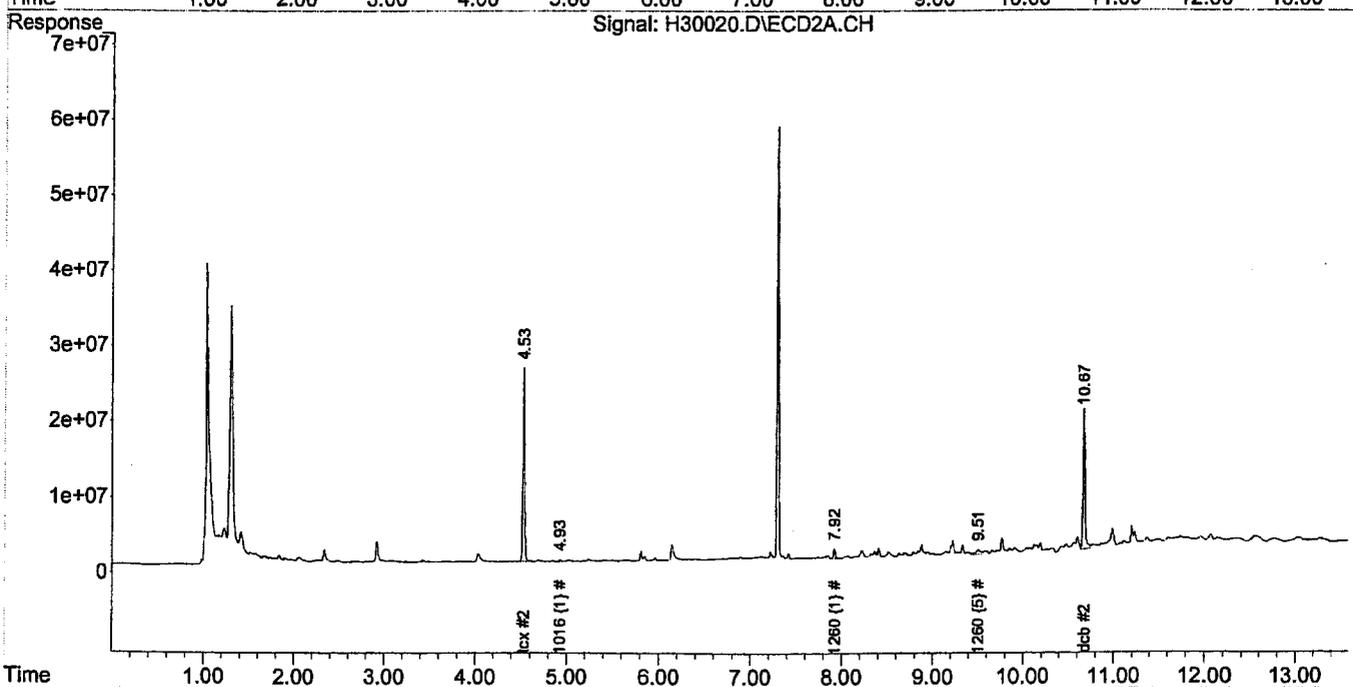
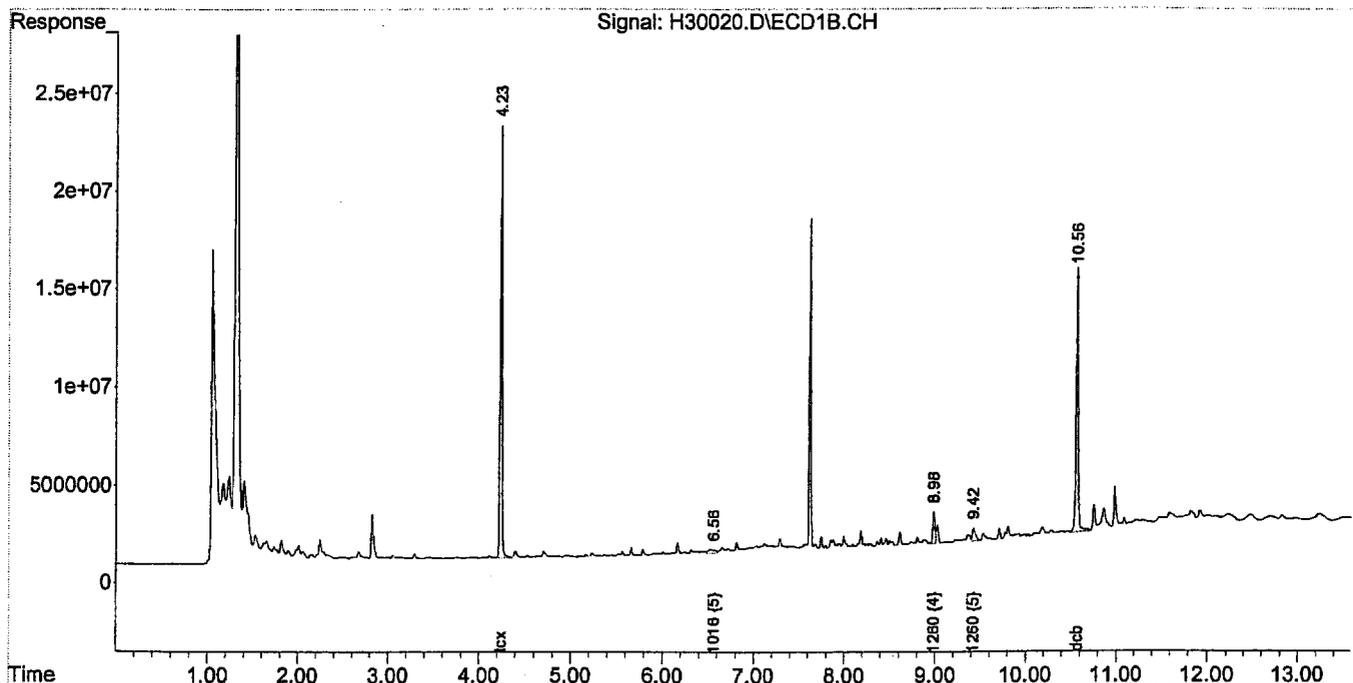
Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30020.D
 Acq On : 30 Aug 2005 17:13 Operator: eg
 Sample : B5H0640-01 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:02:41 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\083005\

Data File : H30021.D

Acq On : 30 Aug 2005 17:31

Operator: eg

Sample : B5H0640-02

Inst : ECD-6

Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH

Misc : 1x

Multiplr: 1.00

Integration File signal 1: AUTOINT1.E

Integration File signal 2: 1016#3.E

Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M

Quant Title : Method 8082 - 1016/1260 Initial Calibration

Quant Time: Aug 31 06:36:51 2005

QLast Update : Wed Aug 24 13:56:19 2005

Response via : Initial Calibration

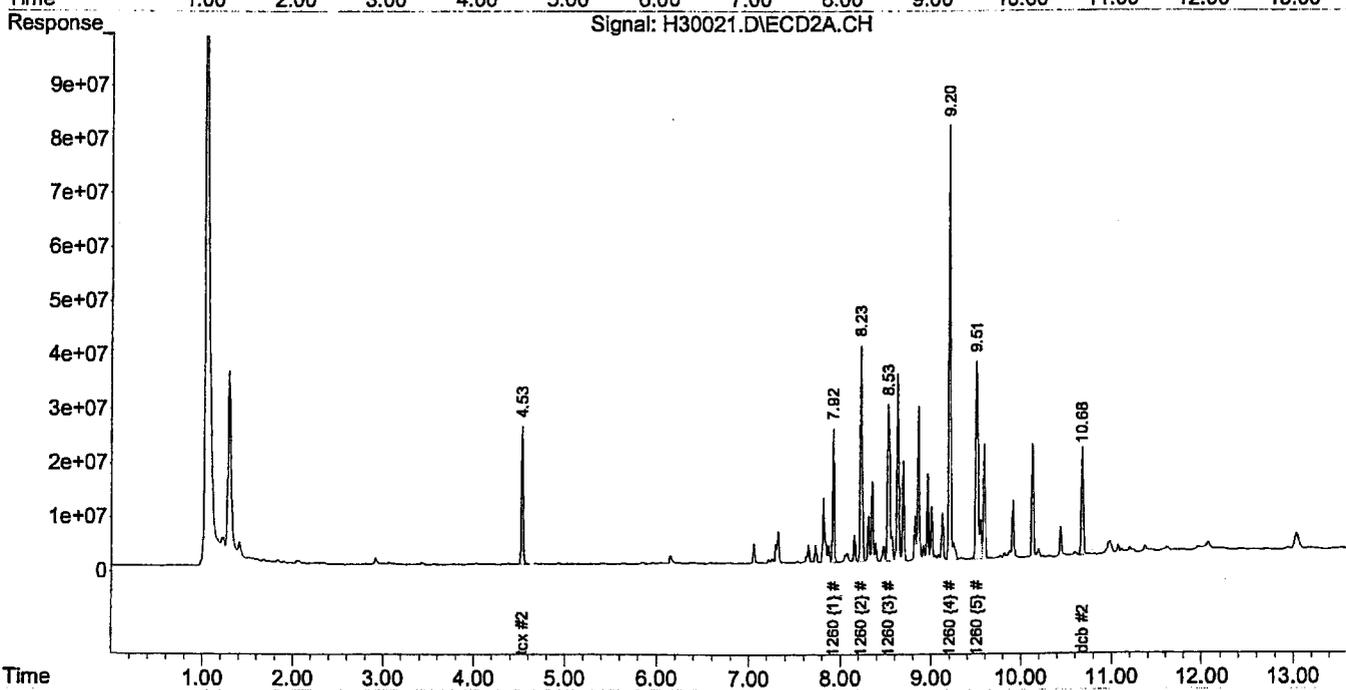
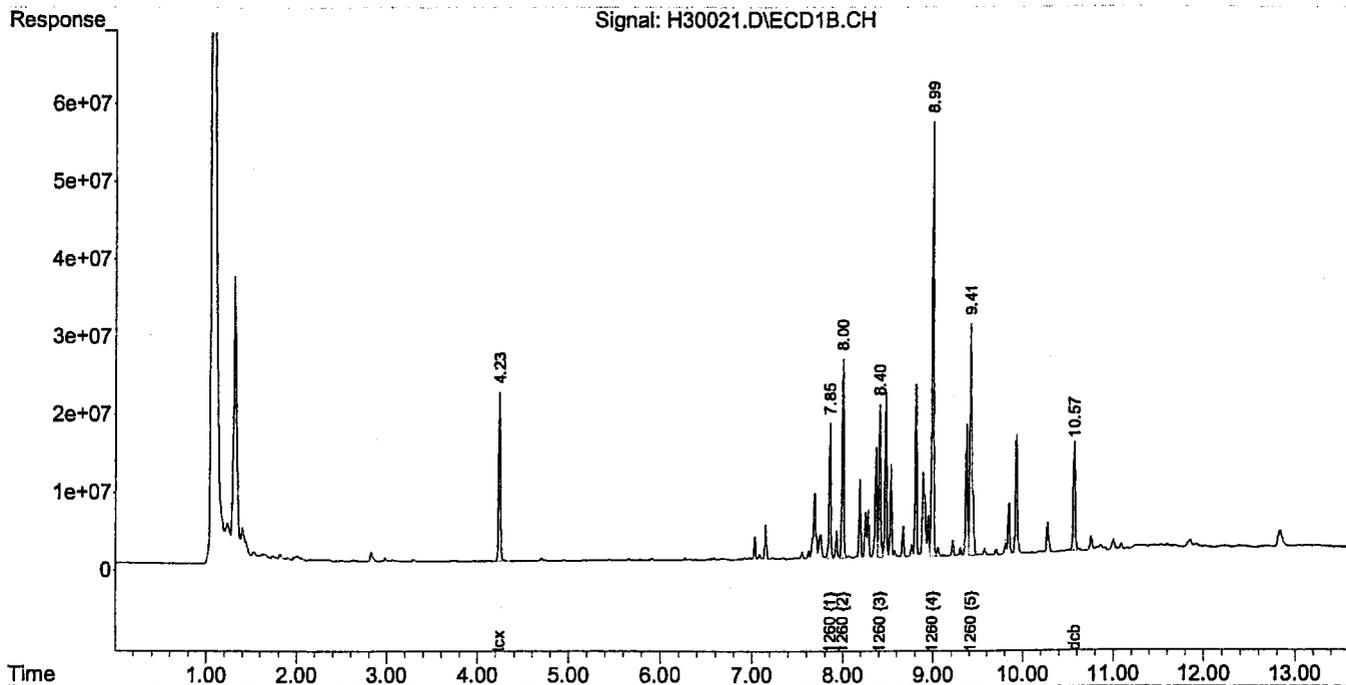
Volume Inj. :

Signal #1 Phase :

Signal #2 Phase:

Signal #1 Info :

Signal #2 Info :

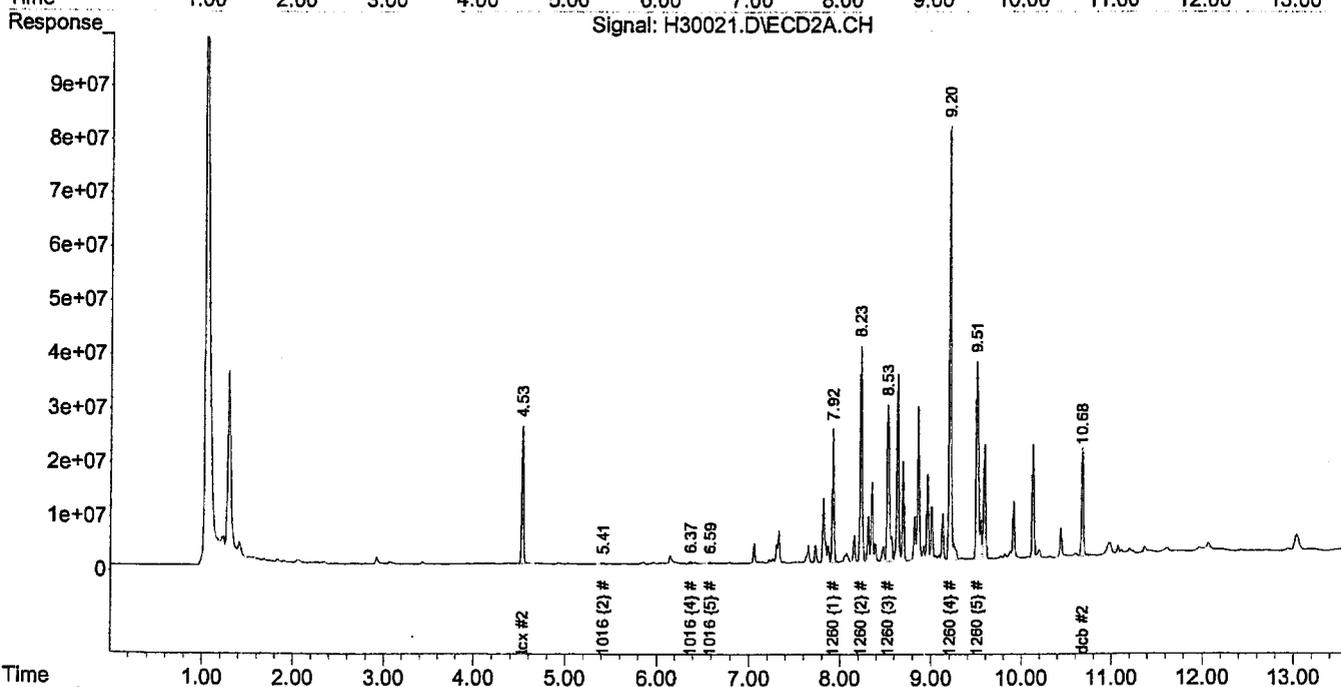
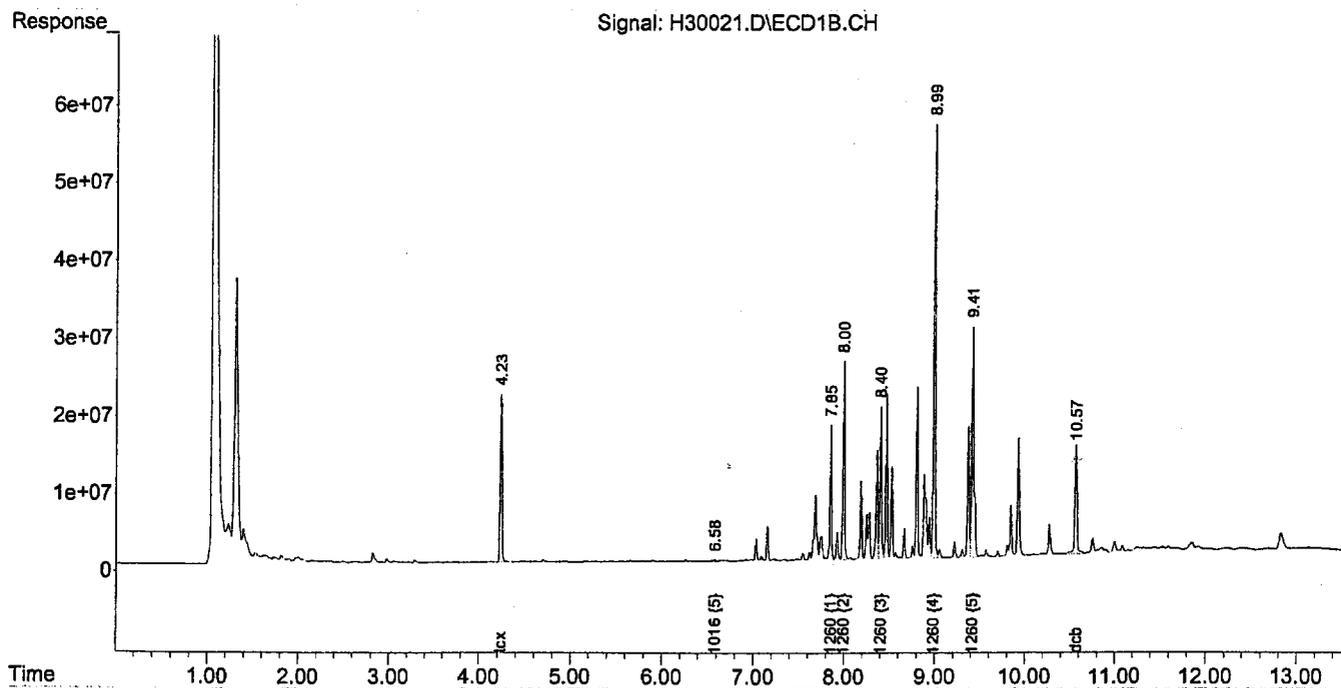


Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30021.D
 Acq On : 30 Aug 2005 17:31
 Sample : B5H0640-02
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:02:50 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

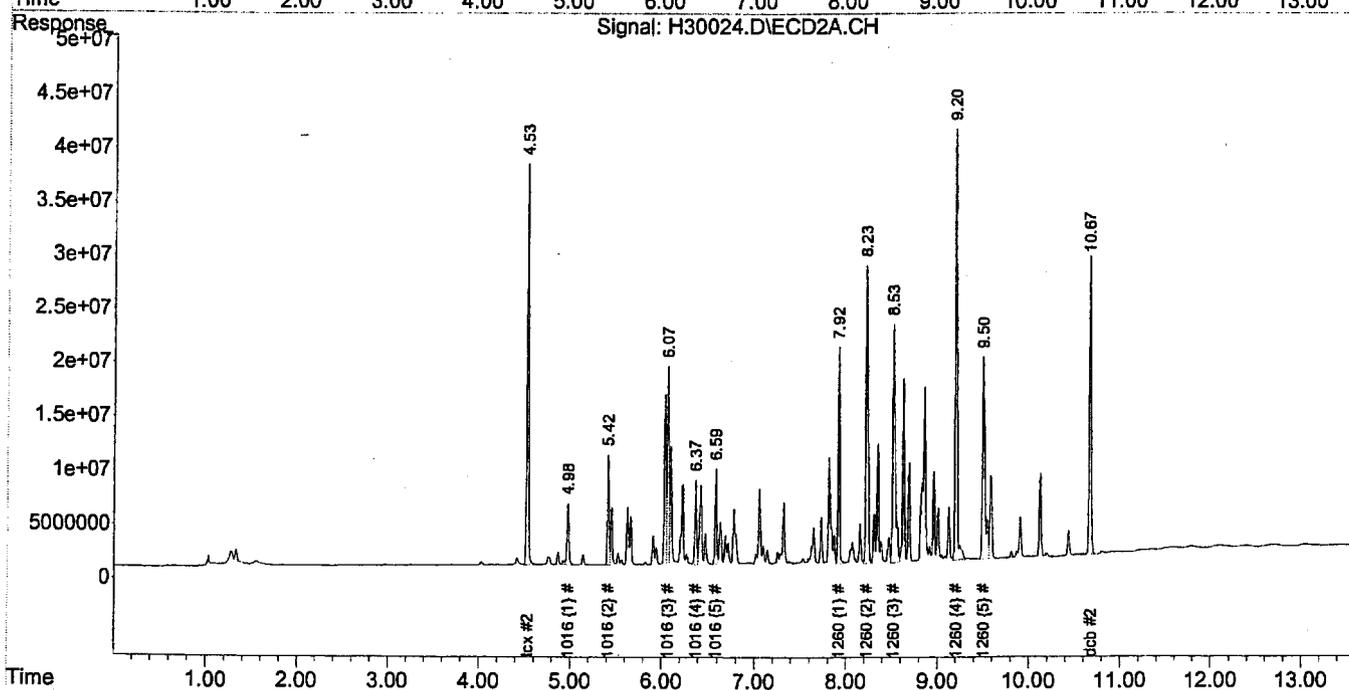
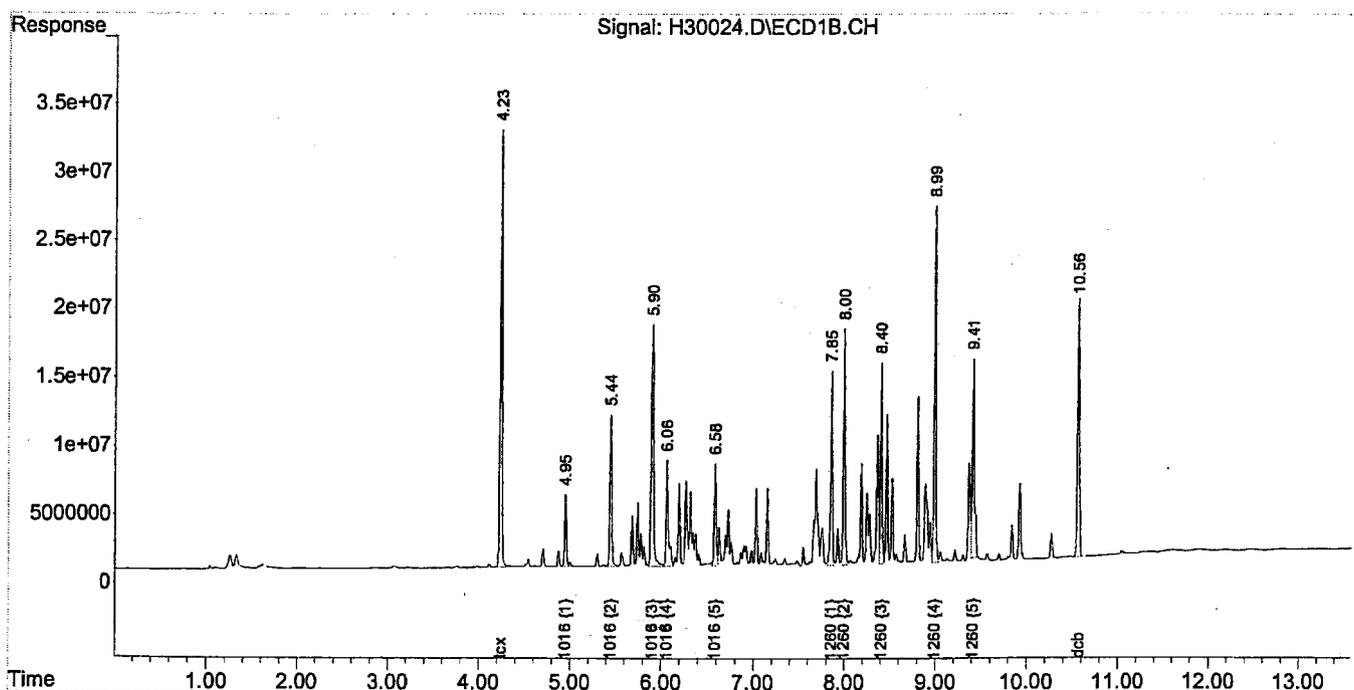


Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30024.D
 Acq On : 30 Aug 2005 18:26
 Sample : 5H30041-CCV5
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5080100 500ug/L

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:13:57 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

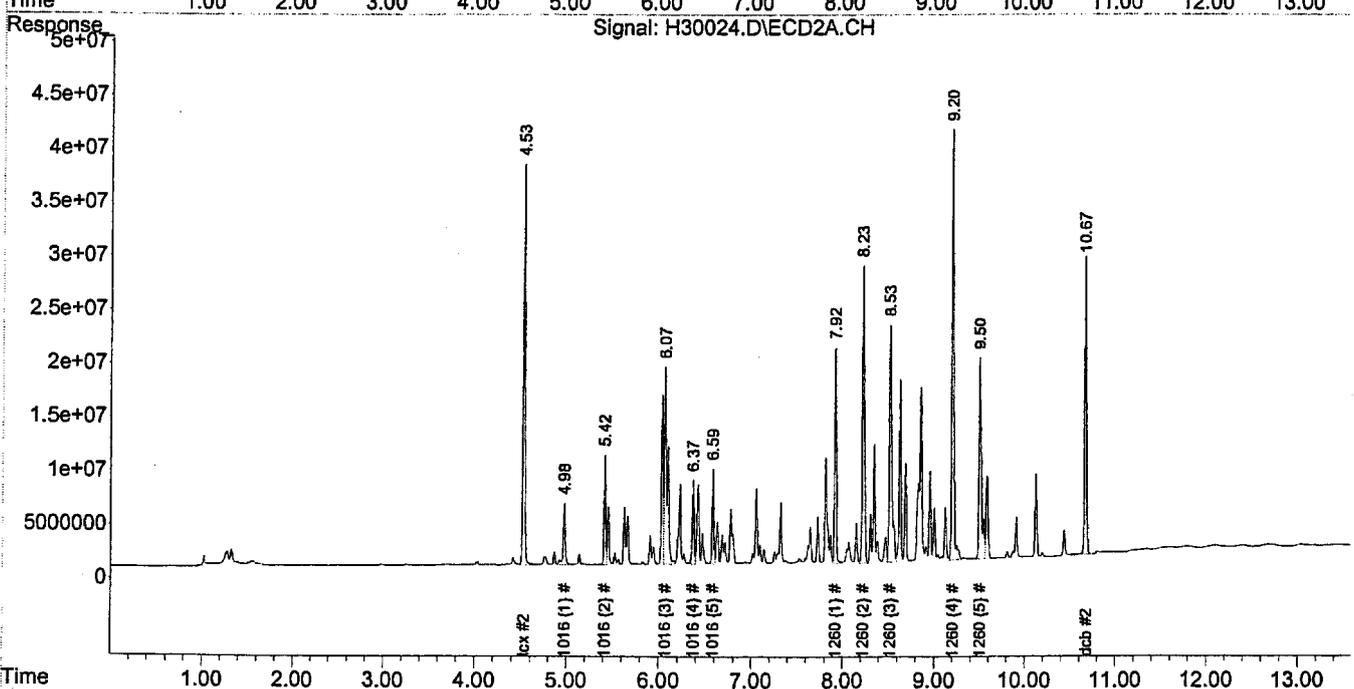
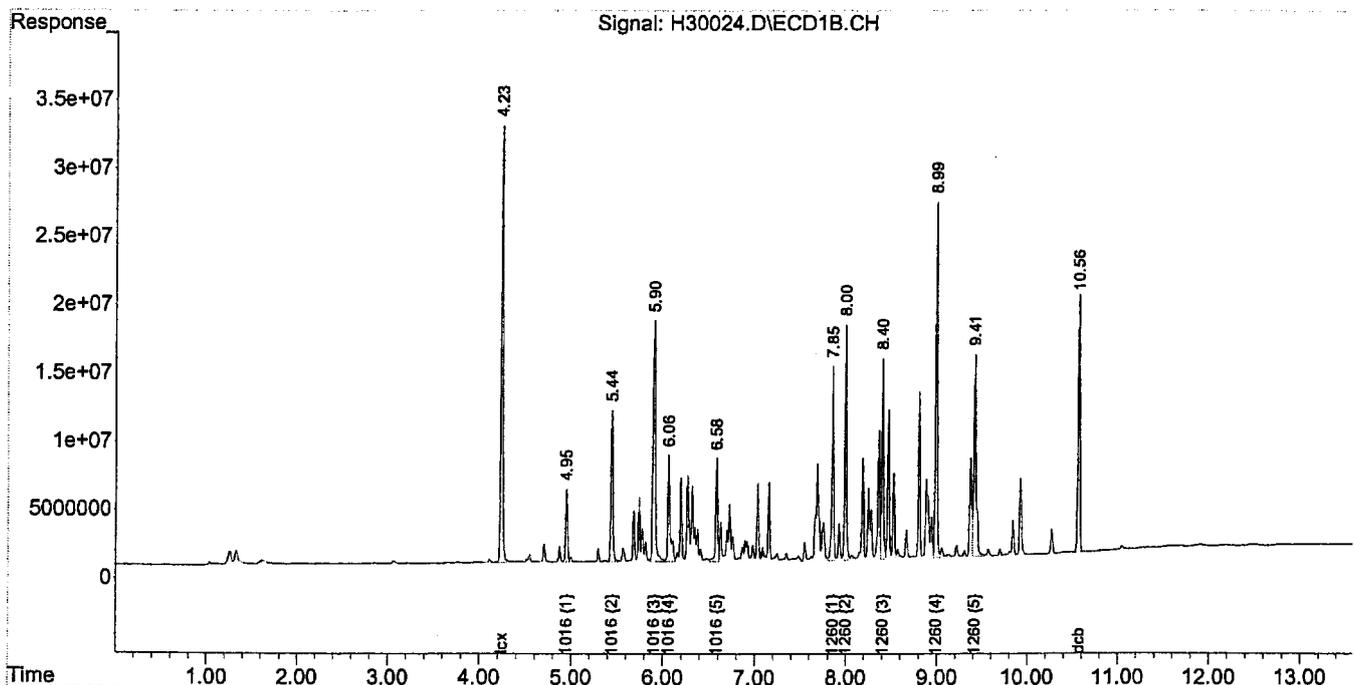


Data Path : C:\MSDCHEM\2\DATA\083005\
 Data File : H30024.D
 Acq On : 30 Aug 2005 18:26
 Sample : 5H30041-CCV5
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5080100 500ug/L

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705B.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 31 06:03:19 2005
 QLast Update : Wed Aug 24 13:56:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Review Item	Yes	No	NA
GC			
Are at least 5 standard levels available for each analyte?	<input checked="" type="checkbox"/>		
Are at least 6 standard levels available for each quadratic fit?	<input checked="" type="checkbox"/>		
Is the %RSD for each target compound ≤ 20 or is $r \geq 0.995$ ($r^2 \geq 0.990$ for quad)? Note exceptions on back.	<input checked="" type="checkbox"/>		
If using r , is the intercept $<$ than the RL? (Note exceptions on reverse side)	<input checked="" type="checkbox"/>		
Reprocess each calibration standard against the new curve.			
Does the calculated value fall within $\pm 20\%$ of the true value? (Note exceptions on reverse side)	<input checked="" type="checkbox"/>		
Is an ICAL summary sheet (Form VI or equiv, signed & dated by analyst) present, documenting passing linearity criteria and an accurate calibration file name?	<input checked="" type="checkbox"/>		
Review chromatography. Are the baselines consistently drawn?	<input checked="" type="checkbox"/>		
Is the low standard at or below the reporting limit?	<input checked="" type="checkbox"/>		
Can an RF for a target compound and a surrogate from their ICAL summaries be verified against the RF calculated from the raw data?	<input checked="" type="checkbox"/>		
Are hardcopy printouts of the calibration complete, do they identify all standards/concentrations and do acquisition dates and times occur before and compare favorably with Last Update dates and times?	<input checked="" type="checkbox"/>		
For manually integrated peaks, are before & after hardcopies of the chros included with the data?	<input checked="" type="checkbox"/>		
Were the manual integrations initialed and dated by the analyst?	<input checked="" type="checkbox"/>		
Was a second source standard analyzed after the calibration curve?	<input checked="" type="checkbox"/>		
Did the second source standard pass the 80-120% recovery criteria, allowing for sporadic marginal failures of 70-130% (SMFs generally apply to compound lists with more than 15 analytes, at rate of 1 SMF per 15 analytes)?	<input checked="" type="checkbox"/>		
GC/MS			
Did the instrument pass appropriate tuning criteria (including tailing factor & degradation checks for 625/8270)?			
Are at least 5 standard levels available for each analyte?			
Are at least 6 standard levels available for each quadratic fit?			
Did the CCCs pass the %RSD criteria of ≤ 30 ?			
Did the SPPCs pass the RF criteria?			
Is the %RSD for each target compound ≤ 15 or is $r \geq 0.995$ ($r^2 \geq 0.990$ for quad)? Note exceptions on back.			
If using r , is the intercept $<$ than the RL? (Note exceptions on reverse side)			
Reprocess each calibration standard against the new curve.			
Does the calculated value fall within $\pm 20\%$ of the true value? (Note exceptions on reverse side)			
Is an ICAL summary sheet (Form VI or equiv, signed & dated by analyst) present, documenting passing linearity criteria and an accurate calibration file name?			
Review chromatograph. Are the compounds (especially isomers) properly identified and are the baselines consistently drawn?			
Is the low standard at or below the reporting limit?			
Can an RF for a target compound and a surrogate from their ICAL summaries be verified against the RF calculated from the raw data?			
Are hardcopy printouts of the calibration complete, do they identify all standards/concentrations and do acquisition dates and times occur before and compare favorably with Last Update dates and times?			
For manually integrated peaks, are before & after hardcopies of the chros included with the data?			
Were the manual integrations initialed and dated by the analyst?			
Was a second source standard analyzed after the calibration curve?			
Did the second source standard pass the 75-125% recovery criteria (80-120% required for DOD projects), allowing for sporadic marginal failures of 60-140% (1 SMF per 15 analytes)			

I certify that this instrument calibration meets all the requirements set forth in the appropriate SOPs with the exceptions noted above.

Analyst Signature: [Signature]

Date: 5-1-05

I certify that this instrument calibration has been thoroughly reviewed and meets the requirements set forth in the appropriate SOPs with the exceptions noted above.

Reviewer's Signature: [Signature]

Date: 05/01/05

Method Path : C:\MSDCHEM\2\METHODS\
 Method File : PCH0705.M
 Title : Method 8082 - 1016/1260 Initial Calibration
 Last Update : Mon Aug 08 07:47:31 2005
 Response Via : Initial Calibration

#	ID	Conc	ISTD Conc	Path\File
1	50	5	0	C:\MSDCHEM\2\DATA\080705\H07007.D
2	100	10	0	C:\MSDCHEM\2\DATA\080705\H07008.D
3	200	20	0	C:\MSDCHEM\2\DATA\080705\H07009.D
4	500	50	0	C:\MSDCHEM\2\DATA\080705\H07010.D
5	1500	150	0	C:\MSDCHEM\2\DATA\080705\H07012.D
6	2000	200	0	C:\MSDCHEM\2\DATA\080705\H07013.D
7	1000	100	0	C:\MSDCHEM\2\DATA\080705\H07011.D
8	10	1	0	C:\MSDCHEM\2\DATA\080705\H07006.D

#	ID	Update Time	Quant Time	Acquisition Time
1	50	Aug 08 07:32 2005	Aug 08 07:31 2005	07 Aug 2005 11:23
2	100	Aug 08 07:32 2005	Aug 08 07:32 2005	07 Aug 2005 11:42
3	200	Aug 08 07:33 2005	Aug 08 07:33 2005	07 Aug 2005 12:00
4	500	Aug 08 07:37 2005	Aug 08 07:30 2005	07 Aug 2005 12:18
5	1500	Aug 08 07:38 2005	Aug 08 07:38 2005	07 Aug 2005 12:55
6	2000	Aug 08 07:38 2005	Aug 08 07:38 2005	07 Aug 2005 13:13
7	1000	Aug 08 07:38 2005	Aug 08 07:30 2005	07 Aug 2005 12:36
8	10	Aug 08 07:40 2005	Aug 08 07:40 2005	07 Aug 2005 11:05

PCH0705.M Mon Aug 08 12:15:01 2005

Calibration Table Report

Method: PCH0705.M

Title: Method 8082 - 1016/1260 Initial Calibration

Last Calibration: Mon Aug 08 07:47:31 2005

Calibration Files

Compound	50	100	200	500	1500	2000	1000	10	Avg	%RSD
	H07007.D	H07008.D	H07009.D	H07010.D	H07012.D	H07013.D	H07014.D	H07008.D		
tcx	8369981.450	8666668.577	8389280.251	8297680.420	8389554.750	8285477.569	8491790.897	9712559.387	8575370.000	5.542
1016 {1}	151196.756	163372.525	141910.162	129873.606	125669.080	124026.757	128039.618	184357.359	143556.000	15.005
1016 {2}	406960.277	383089.840	347303.310	319419.692	317709.936	314345.736	321164.730	467312.472	359663.000	15.388
1016 {3}	747120.879	716855.228	675182.260	640150.526	643523.472	635046.707	647912.930	936633.665	705303.000	14.439
1016 {4}	338432.508	297470.699	273877.490	245668.671	234124.853	230396.131	239534.376	391761.203	281408.000	20.639
1016 {5}	242576.244	236780.179	215820.860	198530.829	194371.119	191295.251	195582.059	268294.198	217906.000	13.031
1260 {1}	592421.055	497420.573	407448.899	376048.150	346775.160	335802.624	356255.496	1616401.757	566072.000	76.567
1260 {2}	695237.635	621771.762	506159.846	462991.414	420734.229	408460.692	432898.809	1814987.271	670405.000	70.651
1260 {3}	542702.251	532145.794	413546.535	388765.932	355949.493	348192.025	365243.836	1400389.808	543367.000	65.265
1260 {4}	858491.623	916017.739	702551.492	676685.905	627484.323	620225.100	645544.428	2063336.497	888792.000	54.798
1260 {5}	575406.555	604525.926	458132.121	438972.744	402963.186	397710.566	413515.023	1587340.683	609821.000	66.039
dcb	6234480.349	6540861.132	5564956.522	5403381.036	5114540.432	5033982.650	5226263.420	7887899.924	5875800.000	16.587
Signal #2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
tcx #2	9727264.868	10067622.098	9835942.864	9836162.032	9690528.871	9448039.175	9890671.821	10011771.611	9813500.000	1.990
1016 {1} #2	181506.518	191427.522	167462.100	165468.205	160876.334	158774.644	163229.301	217847.734	175824.000	11.560
1016 {2} #2	289663.704	304415.077	264020.105	249883.242	248169.428	244873.462	250924.704	329292.892	272655.000	11.550
1016 {3} #2	499609.498	503432.615	477382.986	470253.082	470580.961	419475.845	474078.570	605141.796	489994.000	10.822
1016 {4} #2	248426.917	249646.625	217034.093	202402.258	198641.998	193944.733	200857.695	347062.587	232252.000	22.106
1016 {5} #2	258403.489	244628.043	230886.115	219432.420	218128.901	213221.082	219874.118	336574.445	242644.000	16.876
1260 {1} #2	723711.408	661539.534	544680.962	512629.737	486483.961	463574.930	495777.815	1683928.472	696541.000	58.757
1260 {2} #2	1329065.808	1206294.076	966608.075	900705.974	834858.652	795223.016	854976.341	3348617.563	1279540.000	66.988
1260 {3} #2	1303771.023	1223988.451	972692.354	913363.137	845659.687	813165.455	867580.027	2909409.939	1231200.000	56.981
1260 {4} #2	1549479.854	1662145.153	1285267.643	1226101.495	1103084.847	1066618.250	1152694.136	3674726.327	1590010.000	54.624
1260 {5} #2	970764.928	1016107.541	806752.239	784876.615	738988.706	718587.462	756843.172	2154478.930	993425.000	48.480
dcb #2	8679790.229	9368222.864	8571780.446	8674249.387	8181271.791	7916451.065	8487942.769	9813345.603	8711630.000	7.037

Mon Aug 08 12:15:21 2005

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Method Path : C:\MSDCHEM\2\METHODS\
 Method File : PCH0705.M
 Title : Method 8082 - 1016/1260 Initial Calibration
 Last Update : Mon Aug 08 07:47:31 2005
 Response Via : Initial Calibration

Calibration Files

50 =H07007.D 100 =H07008.D 200 =H07009.D
 500 =H07010.D 1500 =H07012.D 2000 =H07013.D

Compound	50	100	200	500	1500	2000	Avg	%RSD
1) s tcx	8.370	8.667	8.389	8.298	8.390	8.285	8.575	E6 5.54
2) L1 1016 {1}	1.512	1.634	1.419	1.299	1.257	1.240	1.436	E5 15.00
3) L1 1016 {2}	4.070	3.831	3.473	3.194	3.177	3.143	3.597	E5 15.39
4) L1 1016 {3}	7.471	7.169	6.752	6.402	6.435	6.350	7.053	E5 14.44
5) L1 1016 {4}	3.384	2.975	2.739	2.457	2.341	2.304	2.814	E5 20.64
6) L1 1016 {5}	2.426	2.368	2.158	1.985	1.944	1.913	2.179	E5 13.03
7) L2 1260 {1}	0.592	0.497	0.407	0.376	0.347	0.336	0.566	E6 76.57
8) L2 1260 {2}	0.695	0.622	0.506	0.463	0.421	0.408	0.670	E6 70.65
9) L2 1260 {3}	0.543	0.532	0.414	0.389	0.356	0.348	0.543	E6 65.26
10) L2 1260 {4}	0.858	0.916	0.703	0.677	0.627	0.620	0.889	E6 54.80
11) L2 1260 {5}	0.575	0.605	0.458	0.439	0.403	0.398	0.610	E6 66.04
12) s dcb	6.234	6.541	5.565	5.403	5.115	5.034	5.876	E6 16.59

Signal #2 Calibration Files

50 =H07007.D 100 =H07008.D 200 =H07009.D
 500 =H07010.D 1500 =H07012.D 2000 =H07013.D

Compound	50	100	200	500	1500	2000	Avg	%RSD
1) s tcx	0.973	1.007	0.984	0.984	0.969	0.945	0.981	E7 1.99
2) L1 1016 {1}	1.815	1.914	1.675	1.655	1.609	1.588	1.758	E5 11.56
3) L1 1016 {2}	2.897	3.044	2.640	2.499	2.482	2.449	2.727	E5 11.55
4) L1 1016 {3}	4.996	5.034	4.774	4.703	4.706	4.195	4.900	E5 10.82
5) L1 1016 {4}	2.484	2.496	2.170	2.024	1.986	1.939	2.323	E5 22.11
6) L1 1016 {5}	2.584	2.446	2.309	2.194	2.181	2.132	2.426	E5 16.88
7) L2 1260 {1}	0.724	0.662	0.545	0.513	0.486	0.464	0.697	E6 58.76
8) L2 1260 {2}	1.329	1.206	0.967	0.901	0.835	0.795	1.280	E6 66.99
9) L2 1260 {3}	1.304	1.224	0.973	0.913	0.846	0.813	1.231	E6 56.98
10) L2 1260 {4}	1.549	1.662	1.285	1.226	1.103	1.067	1.590	E6 54.62
11) L2 1260 {5}	0.971	1.016	0.807	0.785	0.739	0.719	0.993	E6 48.48
12) s dcb	8.680	9.368	8.572	8.674	8.181	7.916	8.712	E6 7.04

(#) = Out of Range ### Number of calibration levels exceeded format ###

PCH0705.M Mon Aug 08 12:15:11 2005

Method Path : C:\MSDCHEM\2\METHODS\
 Method File : PCH0705.M
 Title : Method 8082 - 1016/1260 Initial Calibration
 Last Update : Mon Aug 08 07:47:31 2005
 Response Via : Initial Calibration

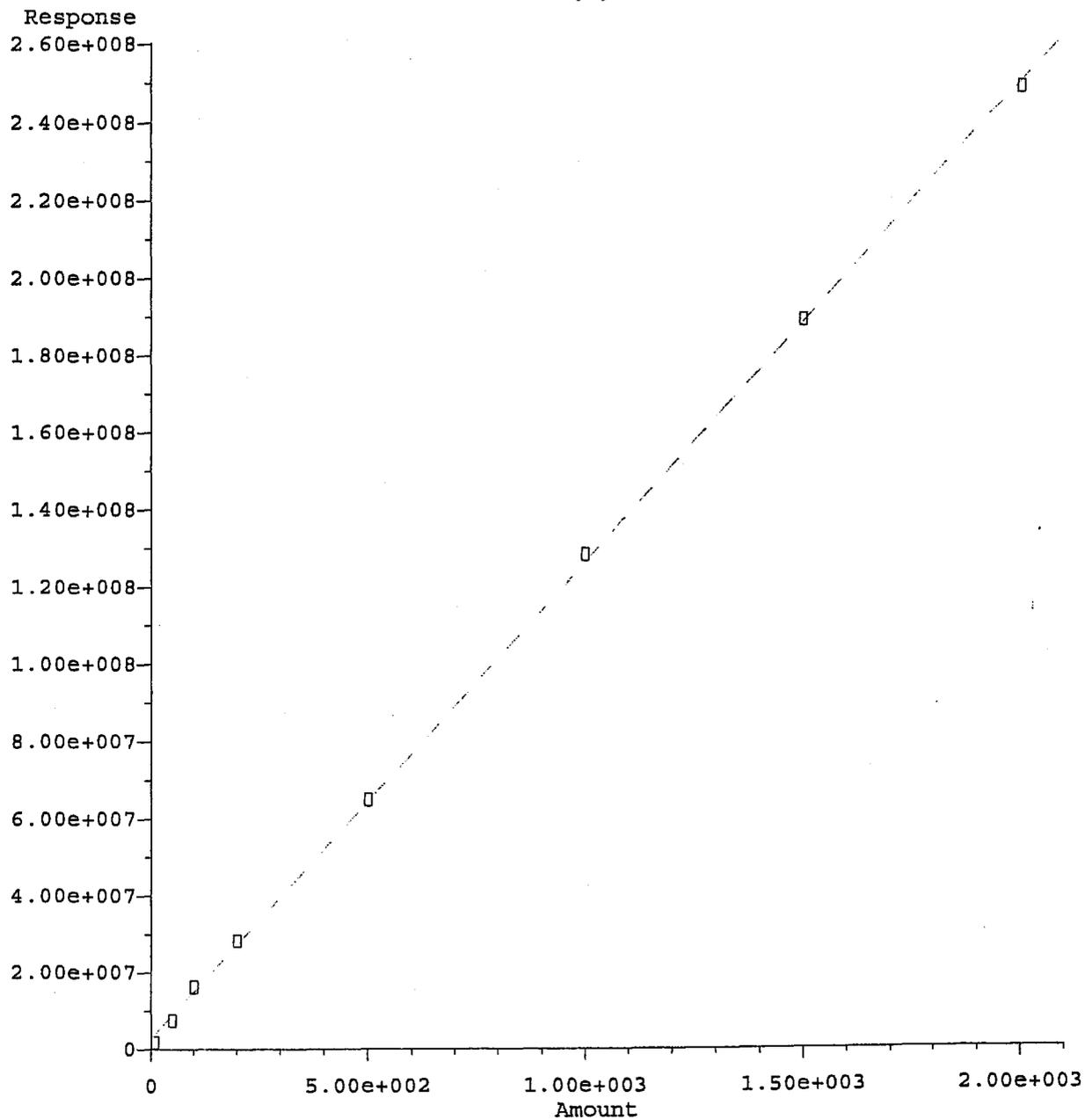
Total Cpnds : 25

PK#	Compound Name	Exp_RT	Rel_RT	Cal	A/H	ID
1	S tcx	4.32	1.000	A	A	R
2	L1 1016 {1}	5.04	1.000	L	A	R
3	L1 1016 {2}	5.53	1.000	L	A	R
4	L1 1016 {3}	5.99	1.000	L	A	R
5	L1 1016 {4}	6.15	1.000	L	A	R
6	L1 1016 {5}	6.68	1.000	L	A	R
7	L2 1260 {1}	7.95	1.000	L	A	R
8	L2 1260 {2}	8.09	1.000	L	A	R
9	L2 1260 {3}	8.50	1.000	L	A	R
10	L2 1260 {4}	9.08	1.000	L	A	R
11	L2 1260 {5}	9.51	1.000	L	A	R
12	S dcb	10.66	1.000	L	A	R
13	Signal #2	15.67	1.000	A	A	R
14	S tcx #2	4.57	1.000	A	A	R
15	L1 1016 {1} #2	5.01	1.000	L	A	R
16	L1 1016 {2} #2	5.45	1.000	L	A	R
17	L1 1016 {3} #2	6.11	1.000	L	A	R
18	L1 1016 {4} #2	6.41	1.000	L	A	R
19	L1 1016 {5} #2	6.62	1.000	L	A	R
20	L2 1260 {1} #2	7.96	1.000	L	A	R
21	L2 1260 {2} #2	8.27	1.000	L	A	R
22	L2 1260 {3} #2	8.56	1.000	L	A	R
23	L2 1260 {4} #2	9.24	1.000	L	A	R
24	L2 1260 {5} #2	9.54	1.000	L	A	R
25	S dcb #2	10.71	1.000	A	A	R

Cal A = Average L = Linear LO = Linear w/origin Q = Quad QO = Quad w/origin
 A/H = Area or Height
 ID R = R.T. B = R.T. & Q Q = Qvalue L = Largest A = All

PCH0705.M Mon Aug 08 12:14:53 2005

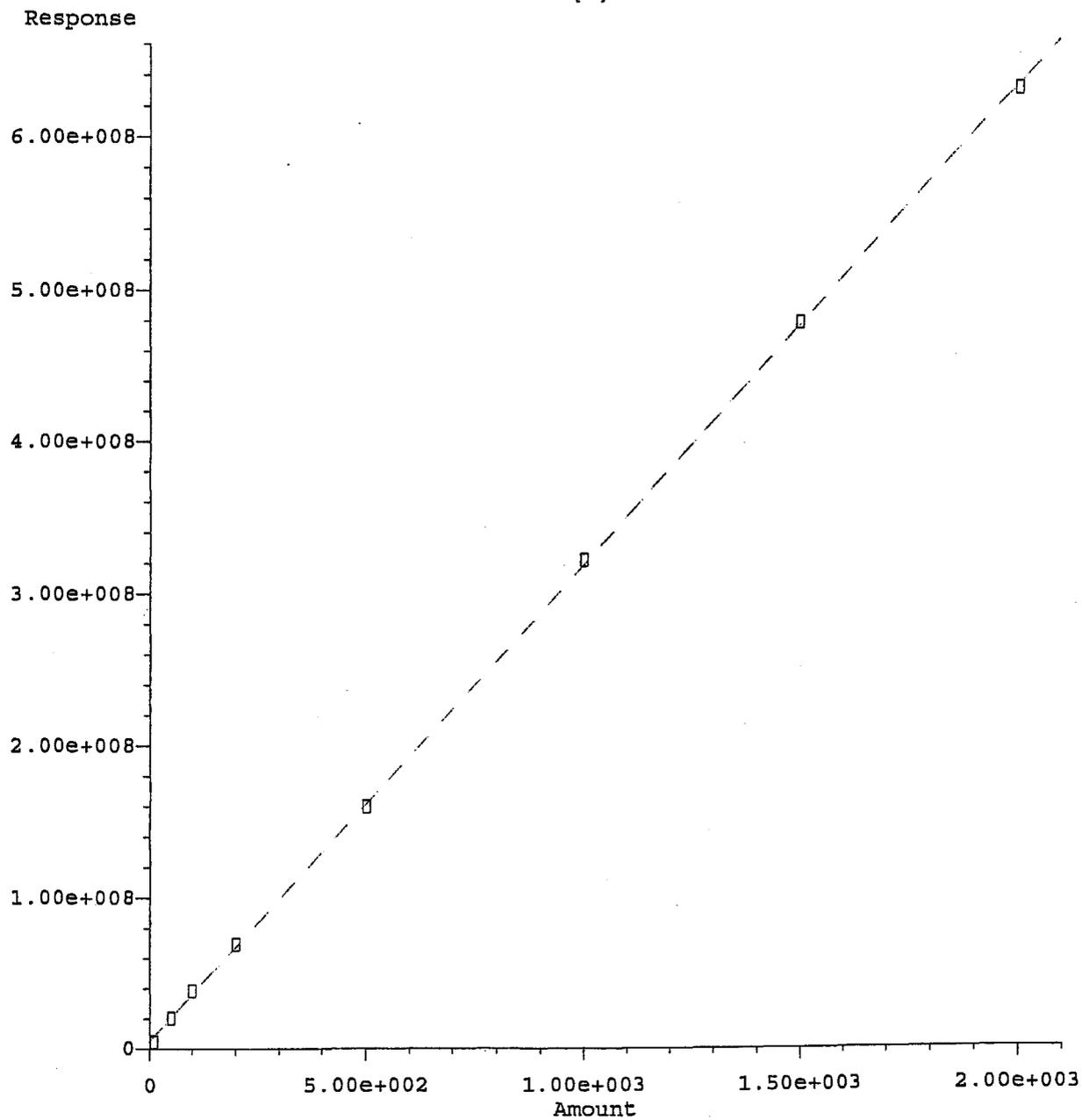
1016 {1}



Response = 1.23e+005 * Amt + 2.75e+006
Coef of Det (r²) = 1.000 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

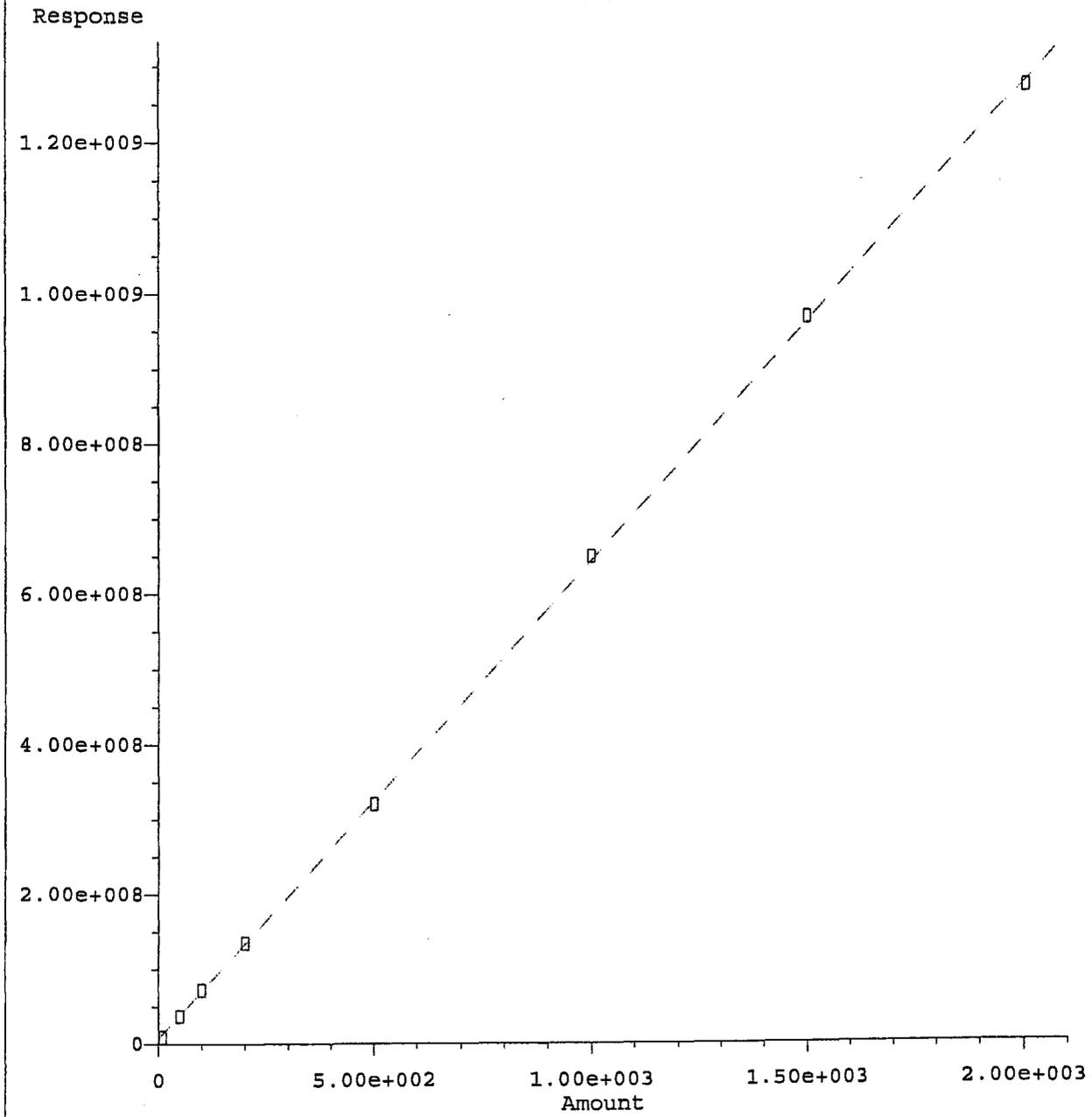
1016 {2}



Response = 3.13e+005 * Amt + 5.08e+006
Coef of Det (r²) = 1.000 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

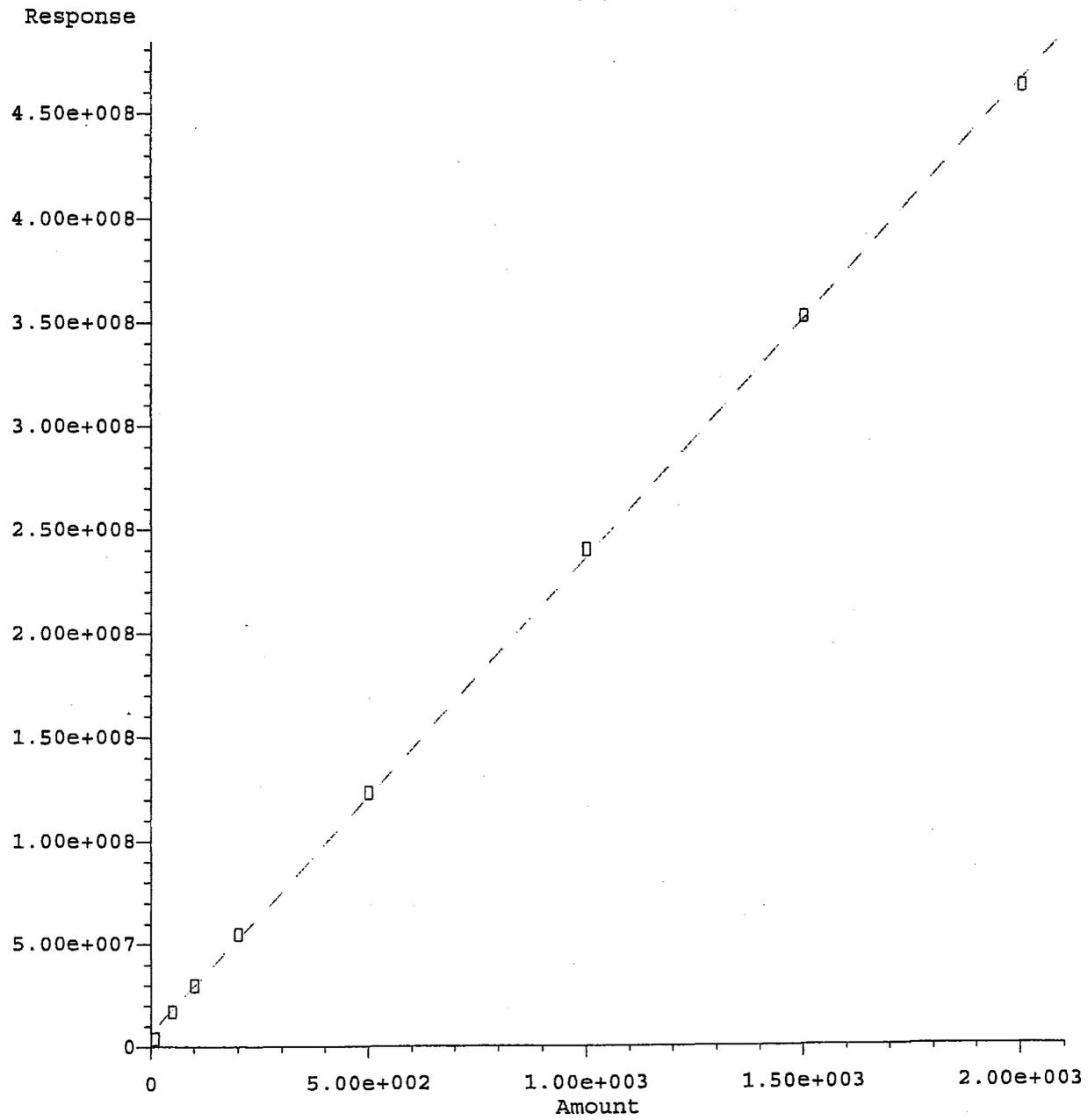
1016 {3}



Response = 6.35e+005 * Amt + 6.54e+006
Coef of Det (r^2) = 1.000 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

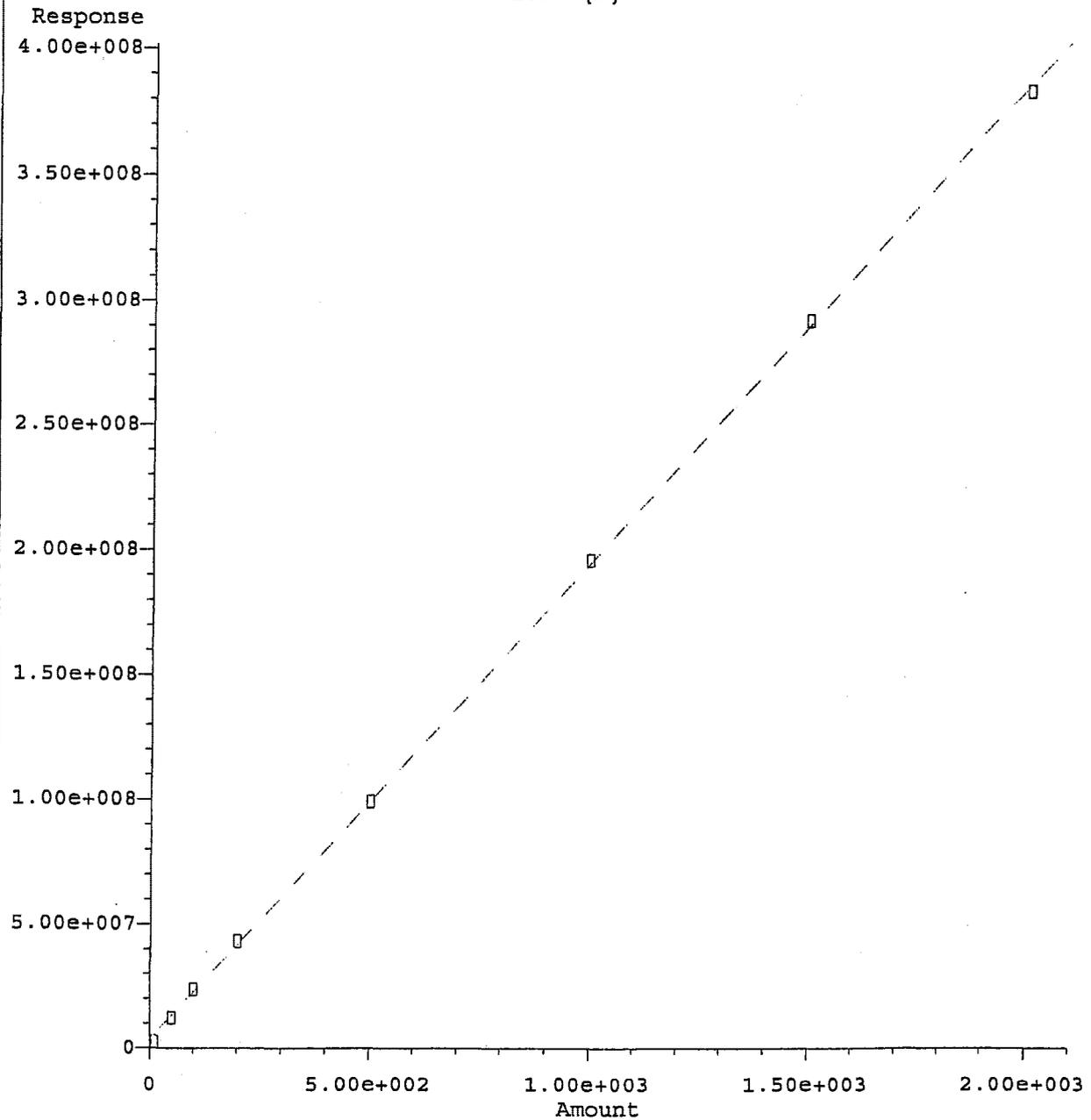
1016 {4}



Response = 2.29e+005 * Amt + 6.61e+006
Coef of Det (r^2) = 1.000 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

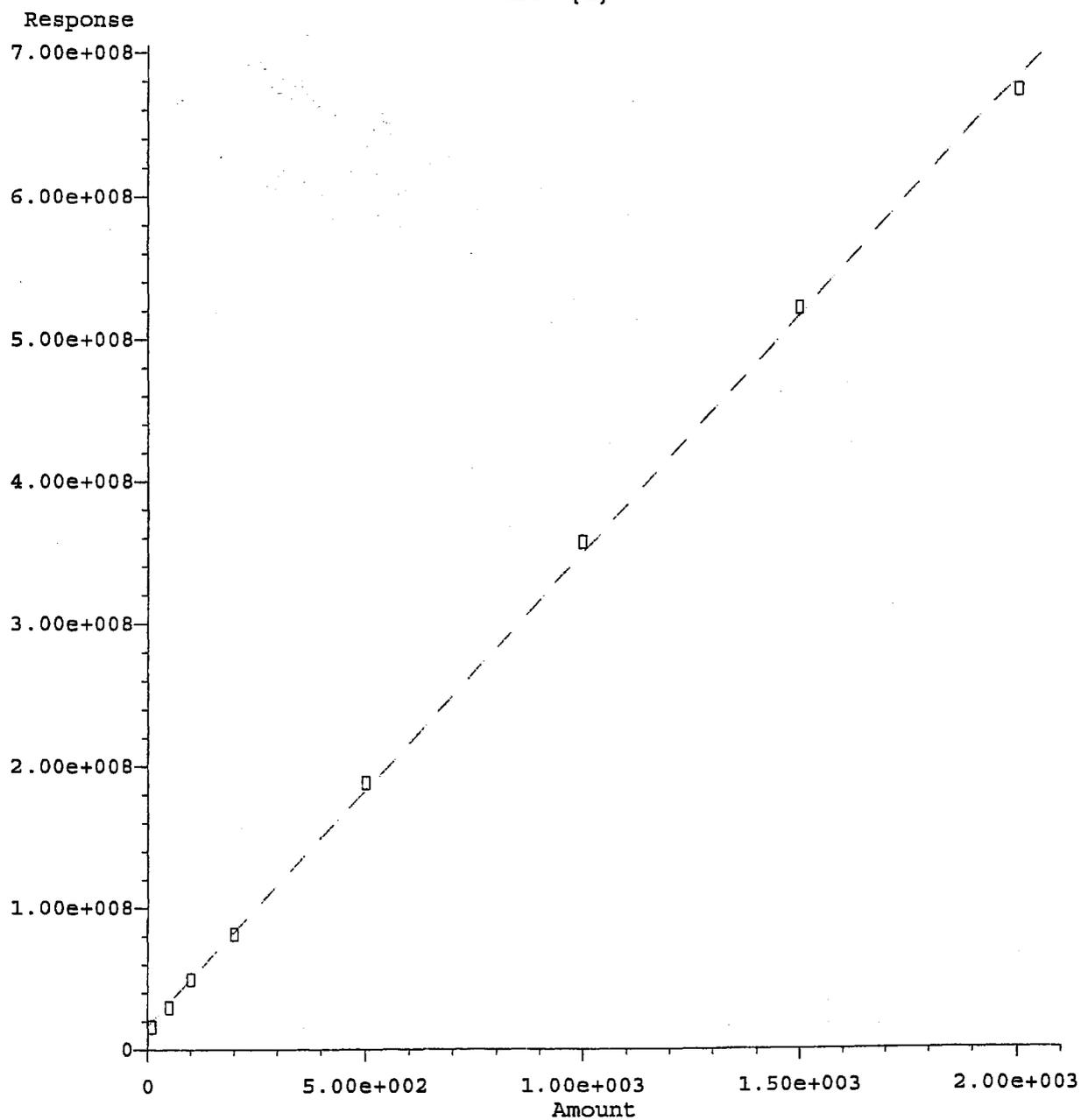
1016 {5}



Response = $1.91e+005 * Amt + 3.56e+006$
Coef of Det (r^2) = 1.000 Curve Fit: Linear

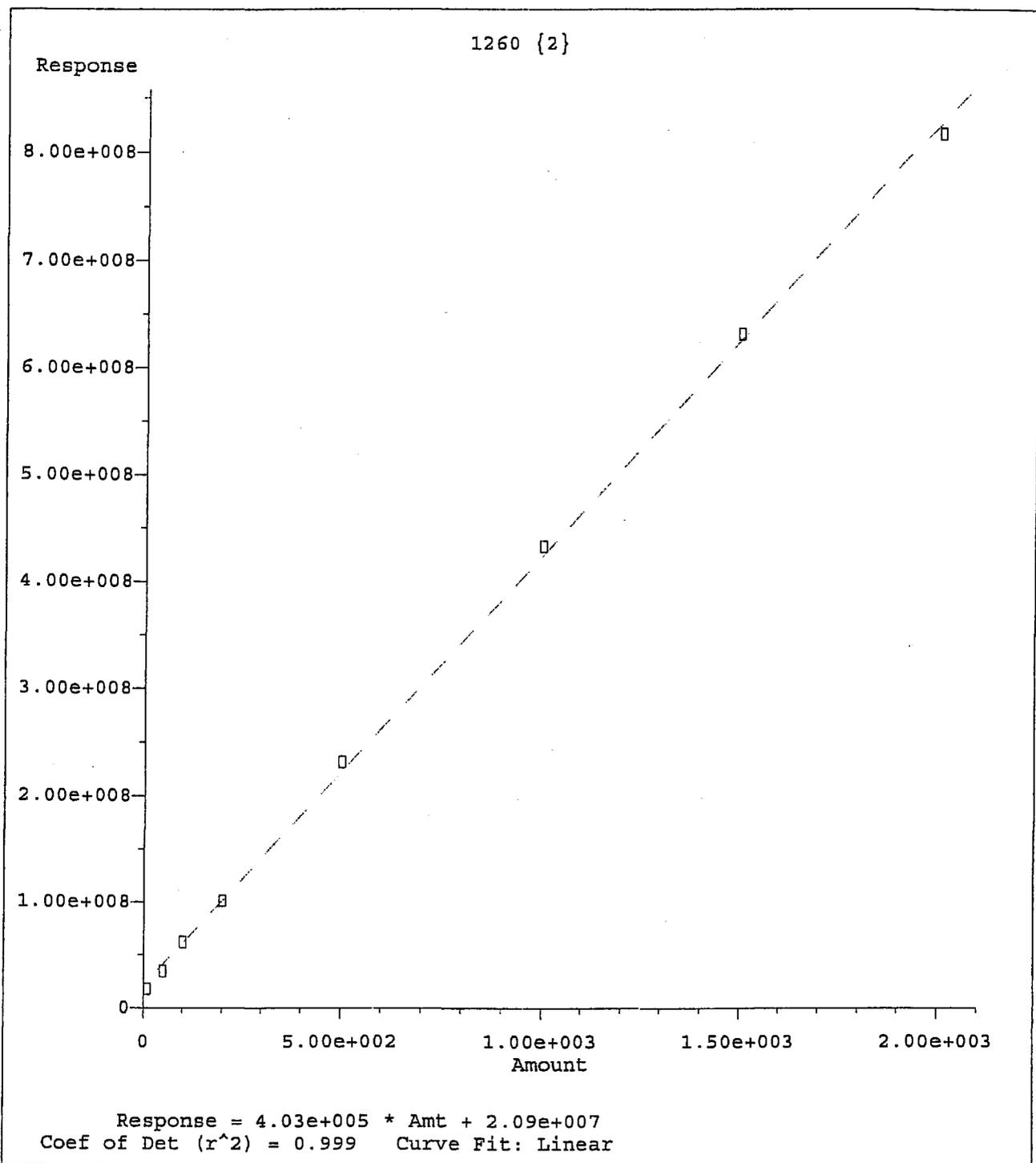
Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

1260 {1}



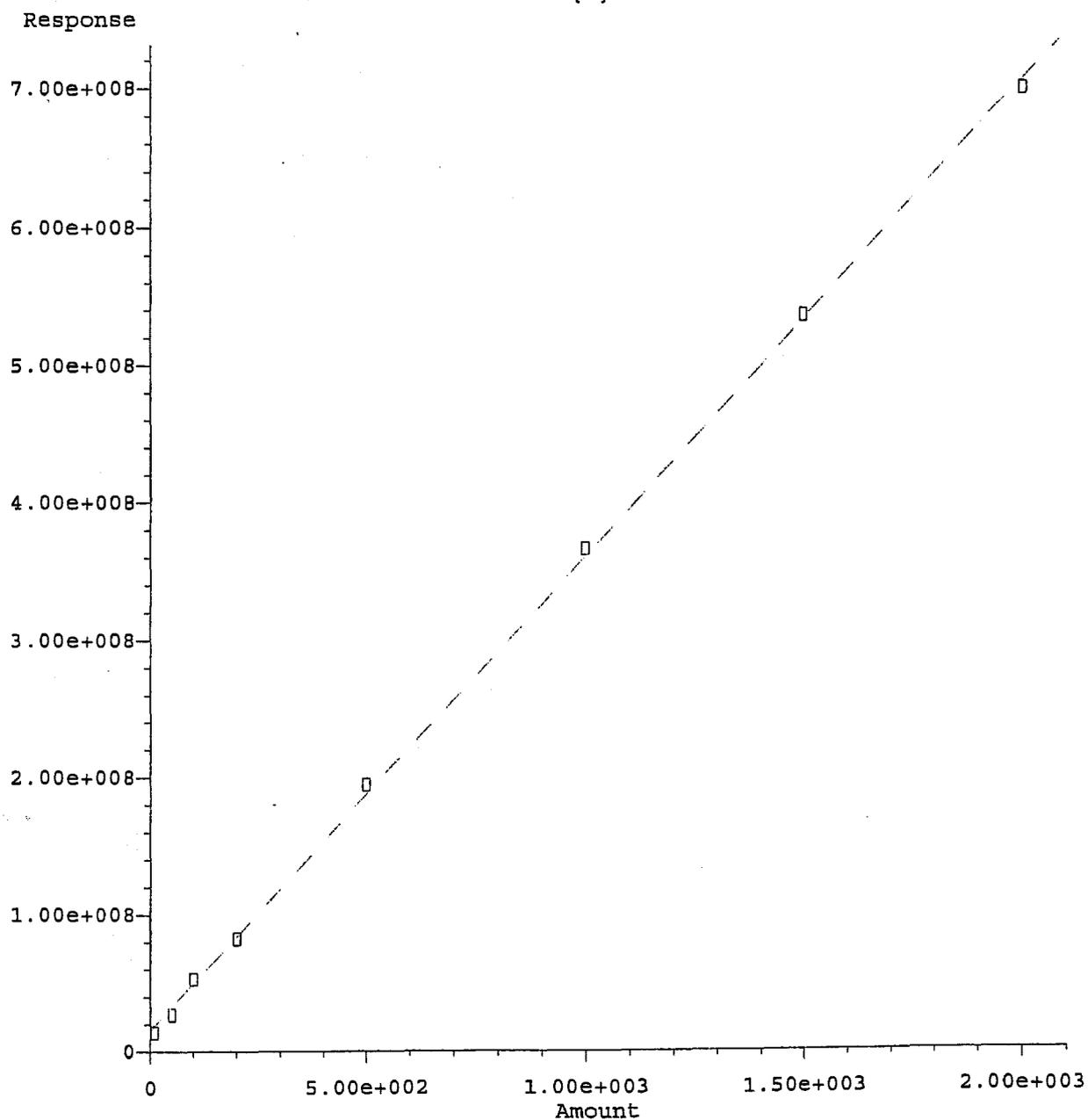
Response = 3.32e+005 * Amt + 1.67e+007
Coef of Det (r²) = 0.999 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005



Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

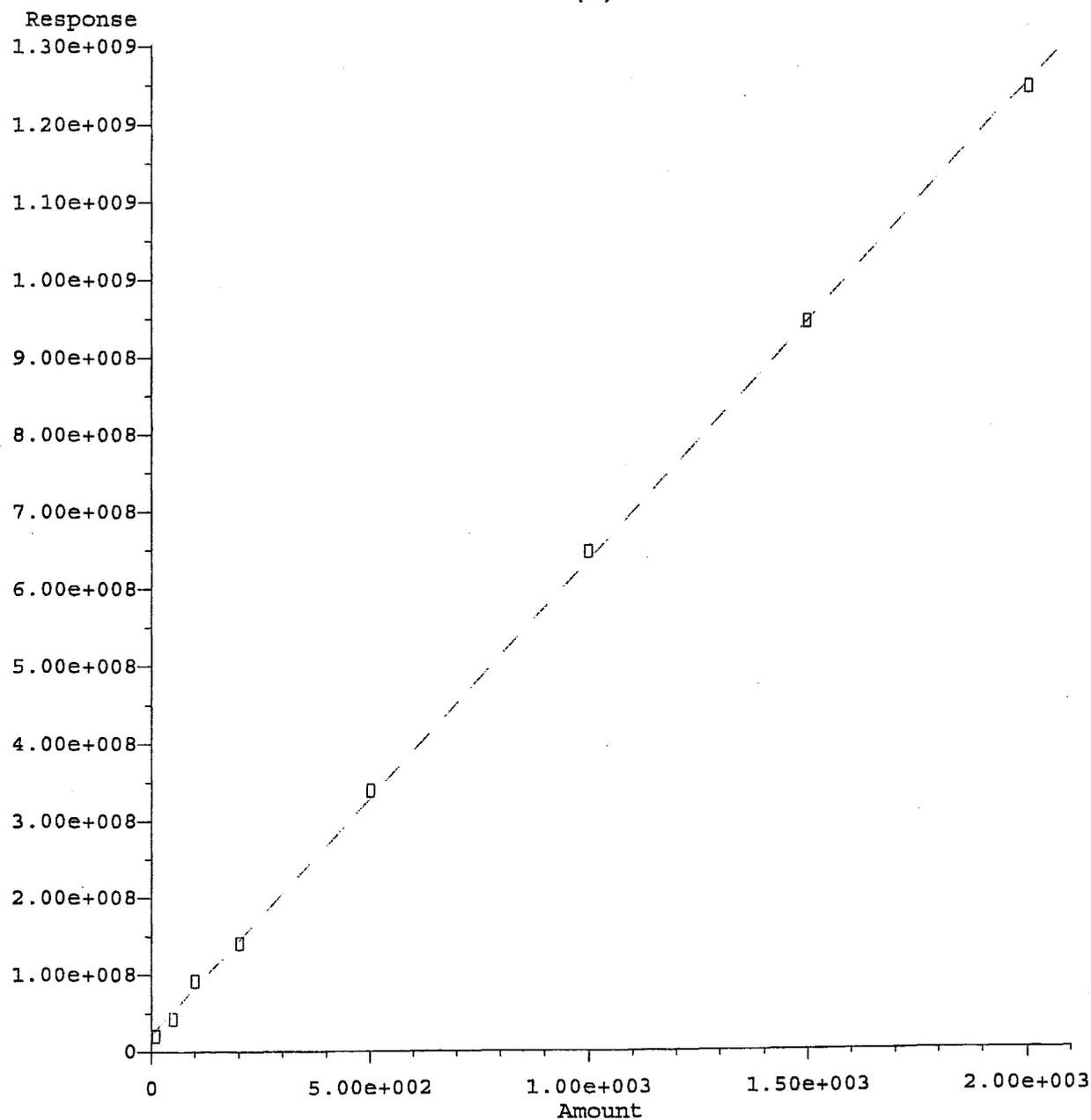
1260 {3}



Response = 3.44e+005 * Amt + 1.56e+007
Coef of Det (r²) = 1.000 Curve Fit: Linear

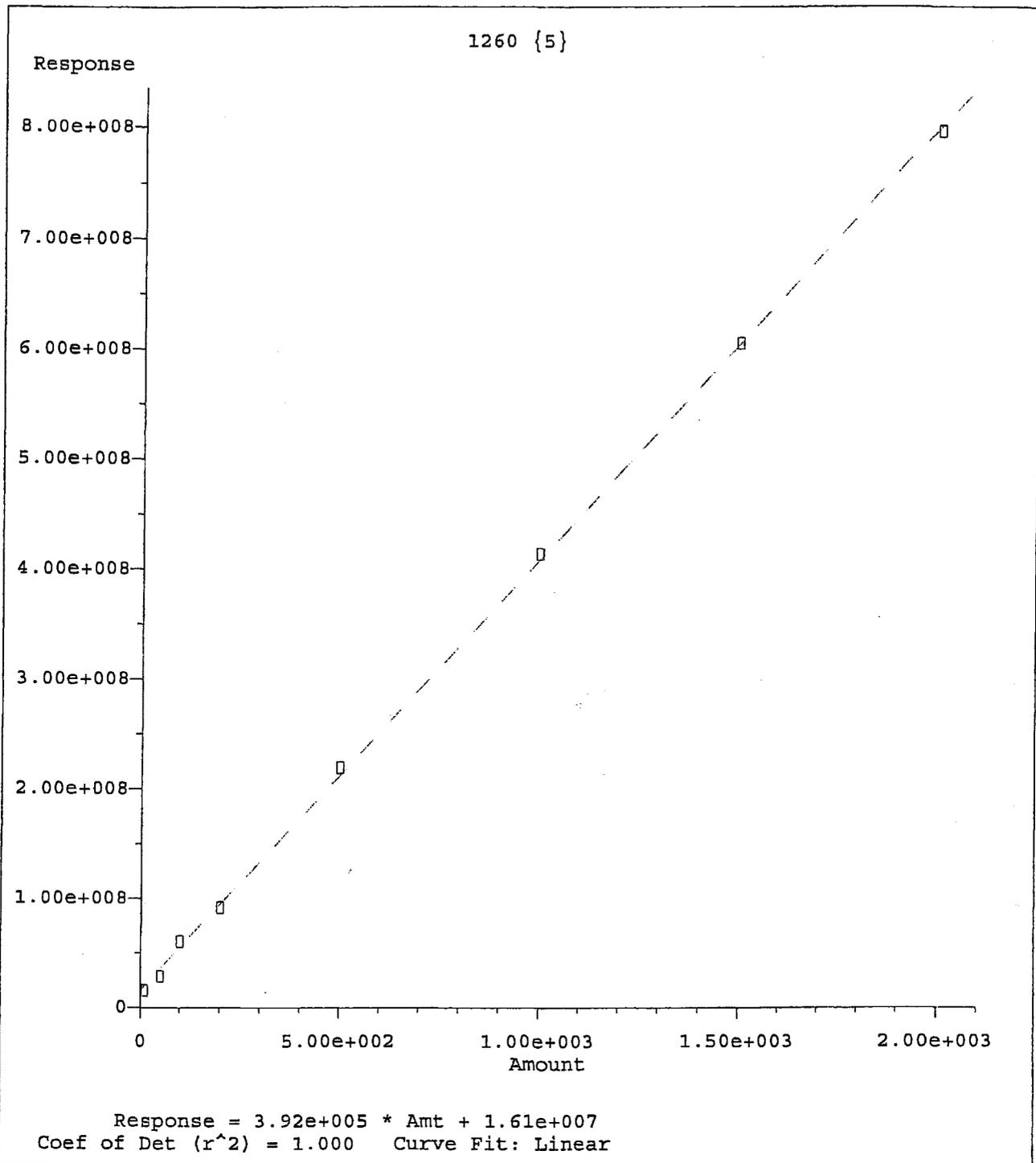
Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

1260 {4}

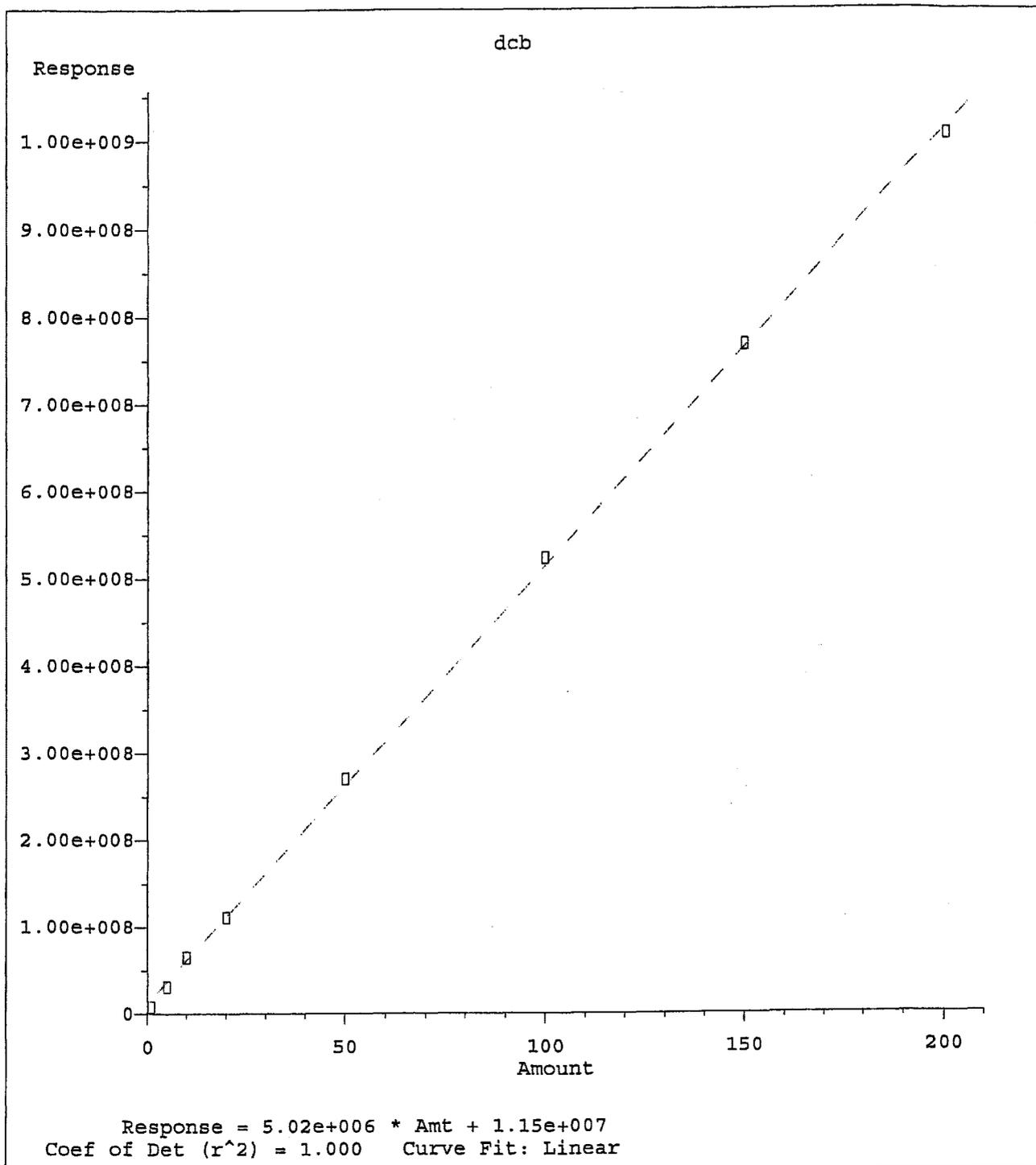


Response = 6.13e+005 * Amt + 2.20e+007
Coef of Det (r²) = 1.000 Curve Fit: Linear

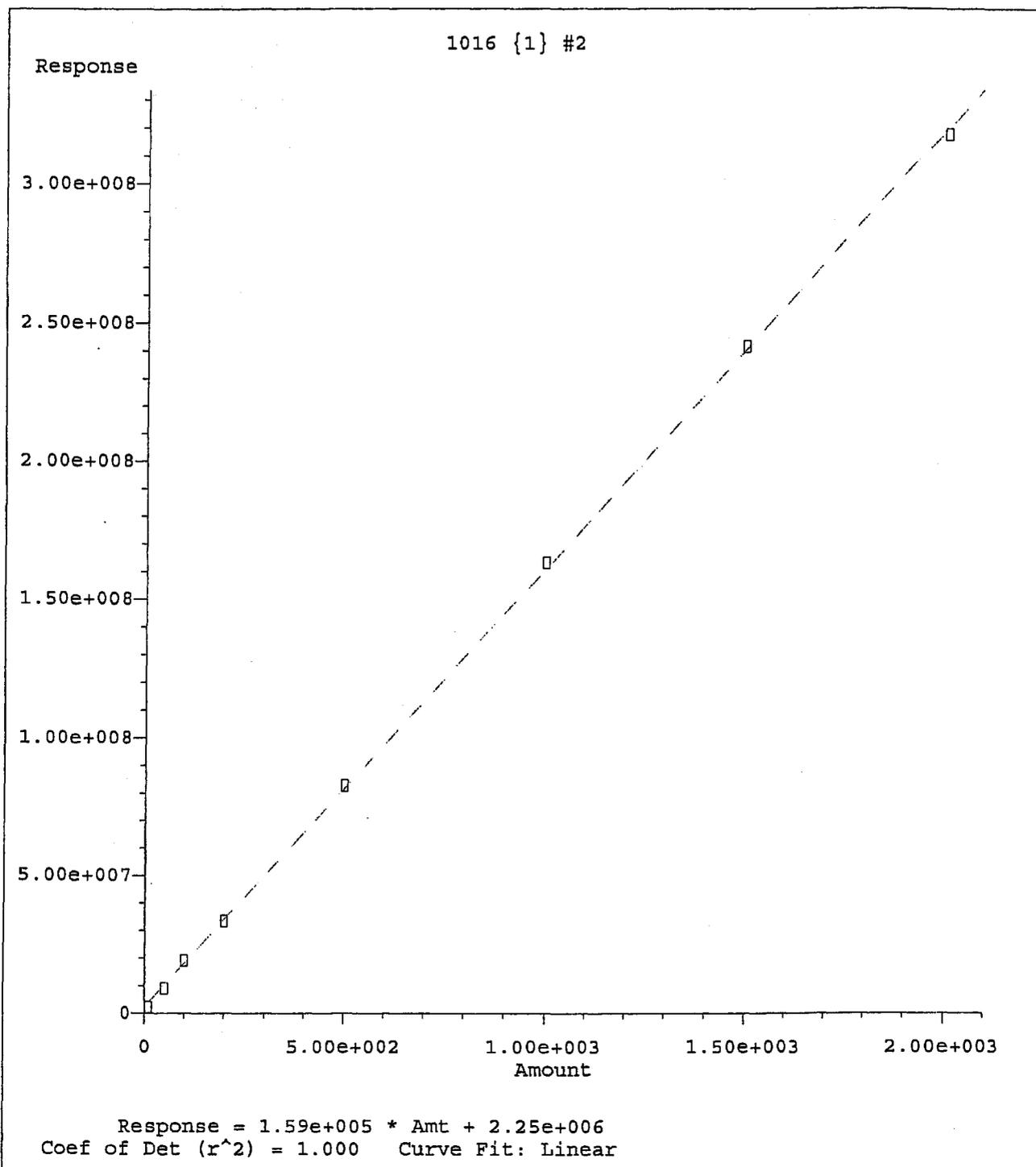
Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005



Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

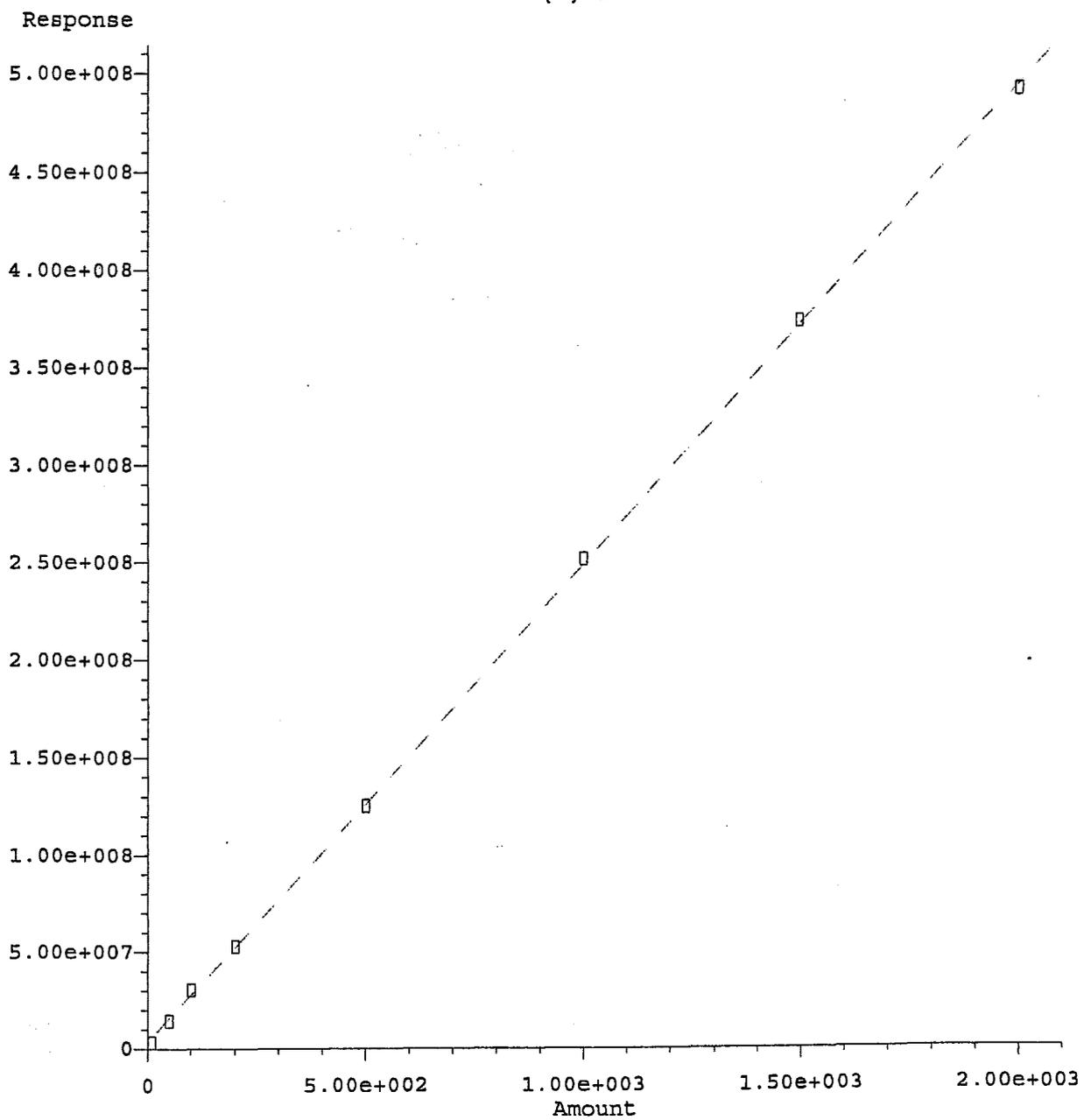


Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005



Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

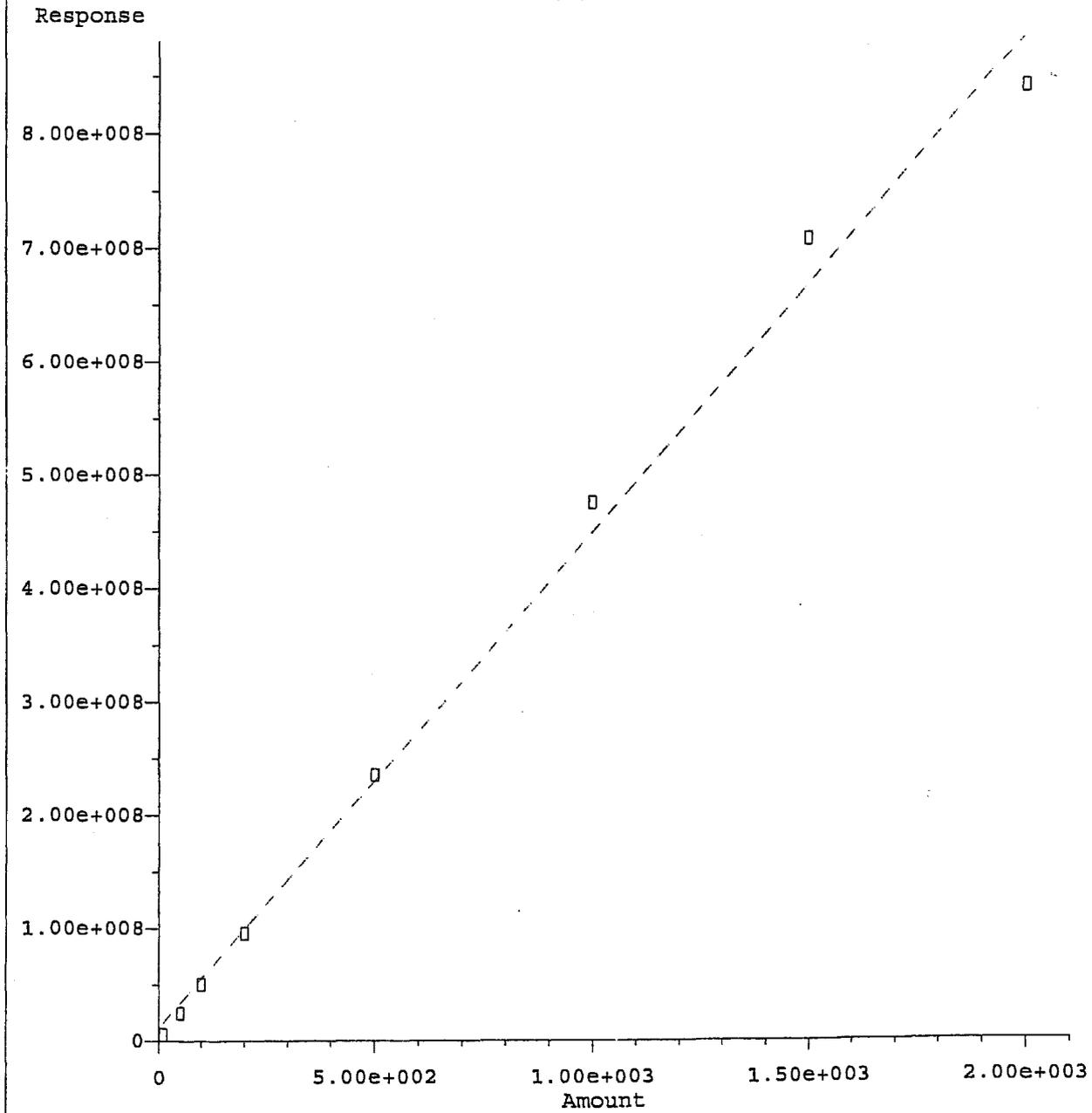
1016 {2} #2



Response = 2.45e+005 * Amt + 3.54e+006
Coef of Det (r^2) = 1.000 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

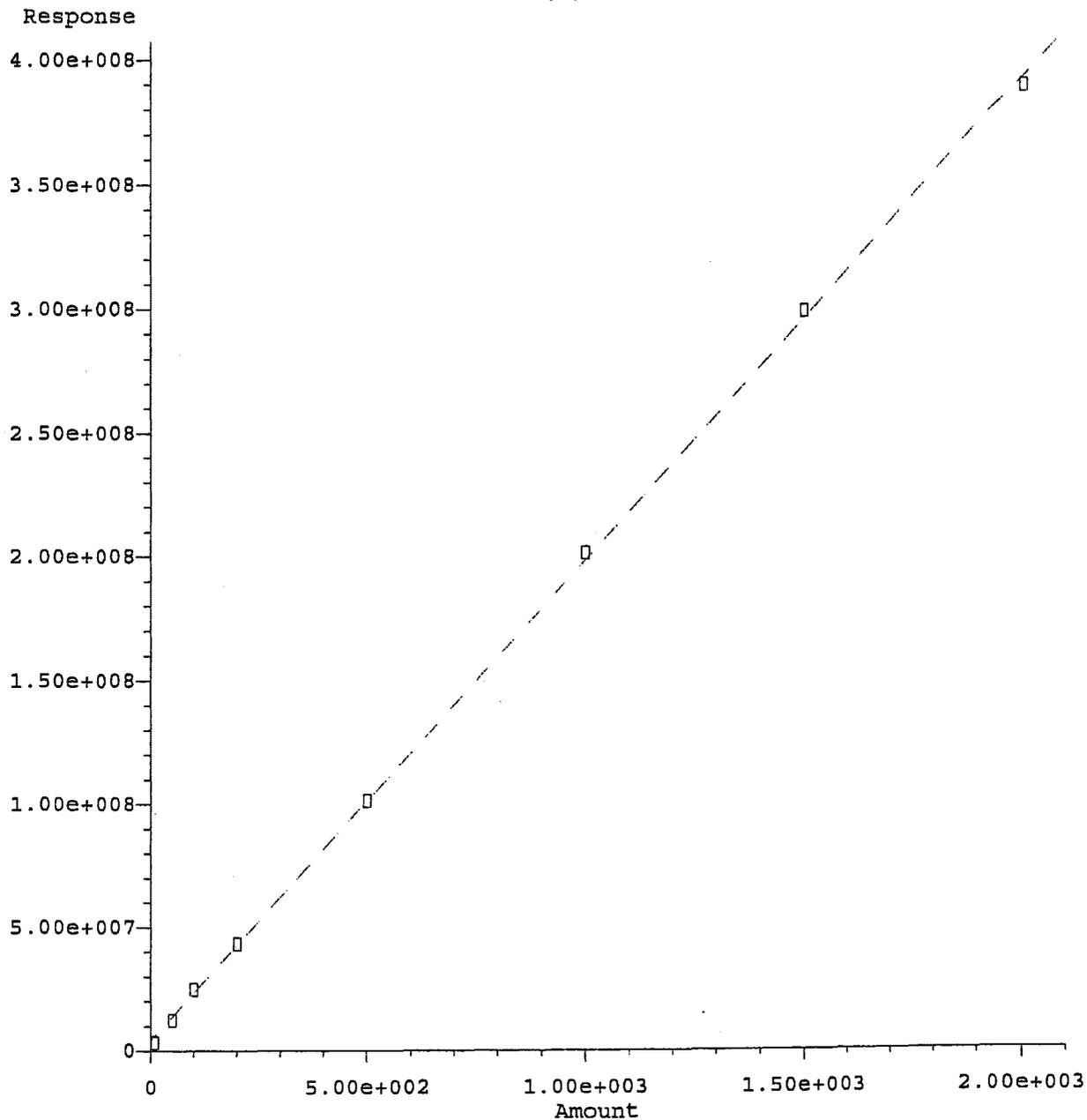
1016 {3} #2



Response = 4.35e+005 * Amt + 1.21e+007
Coef of Det (r^2) = 0.994 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

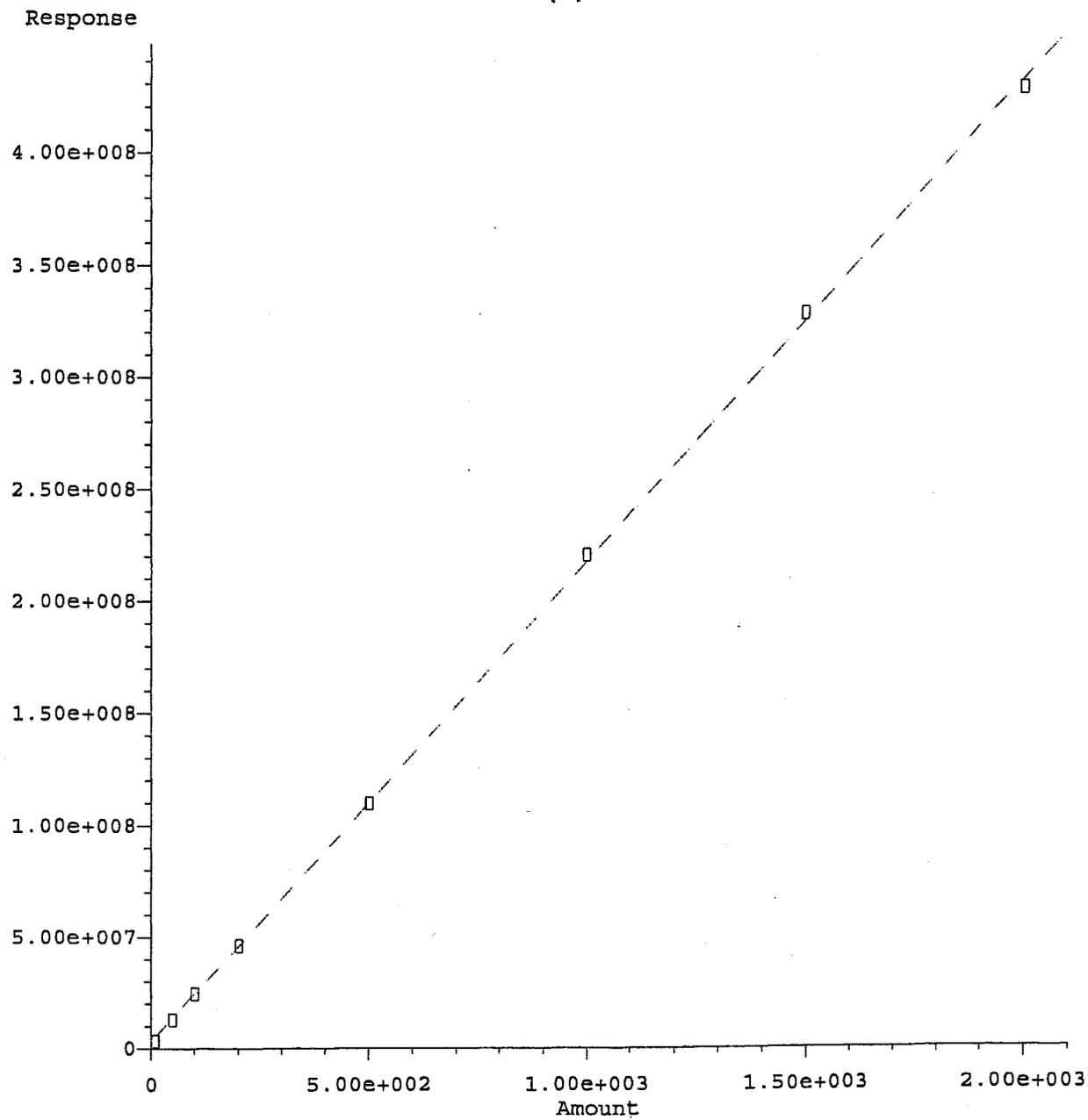
1016 {4} #2



Response = 1.94e+005 * Amt + 4.19e+006
Coef of Det (r^2) = 1.000 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

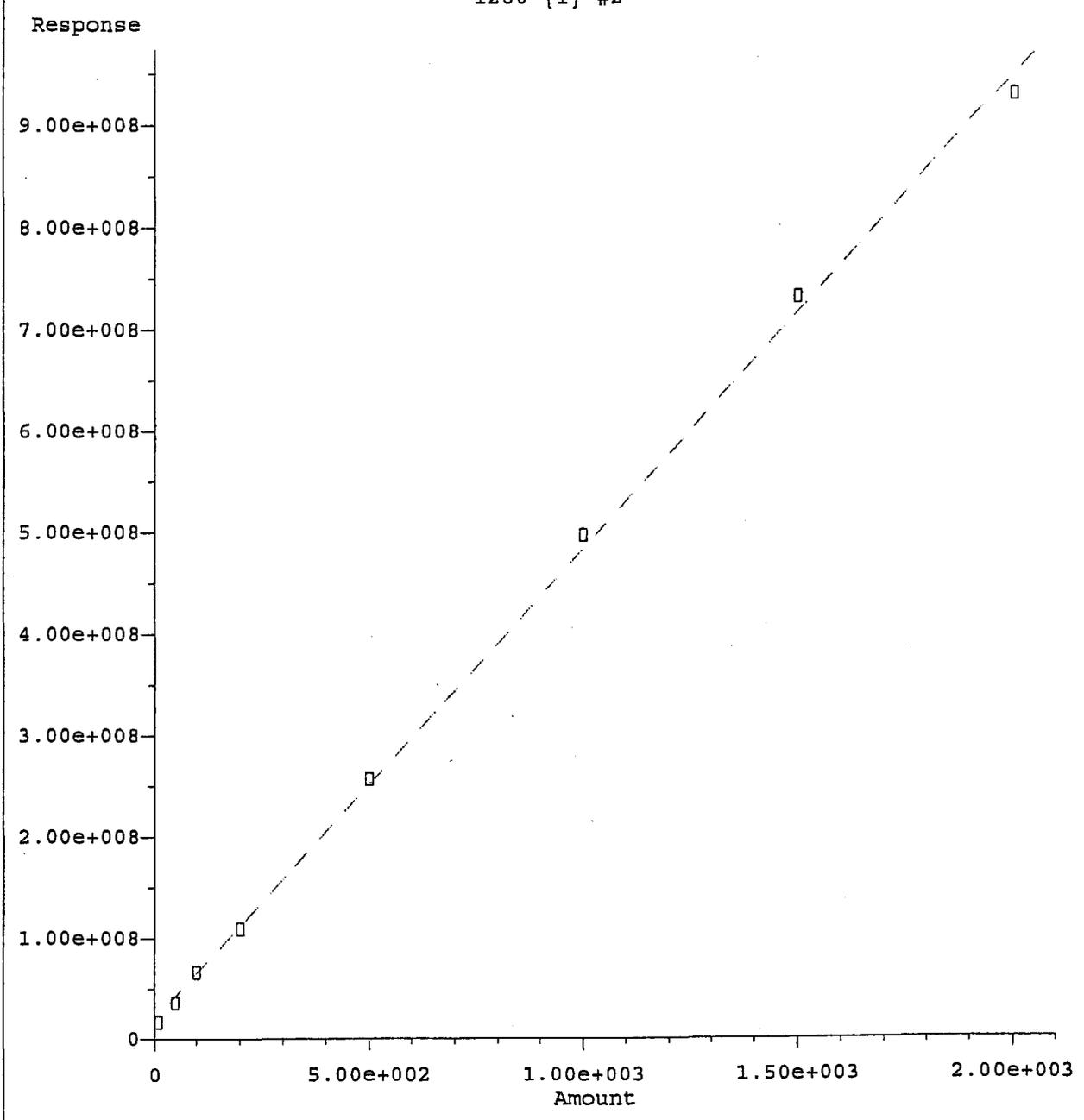
1016 {5} #2



Response = 2.14e+005 * Amt + 3.05e+006
Coef of Det (r^2) = 1.000 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

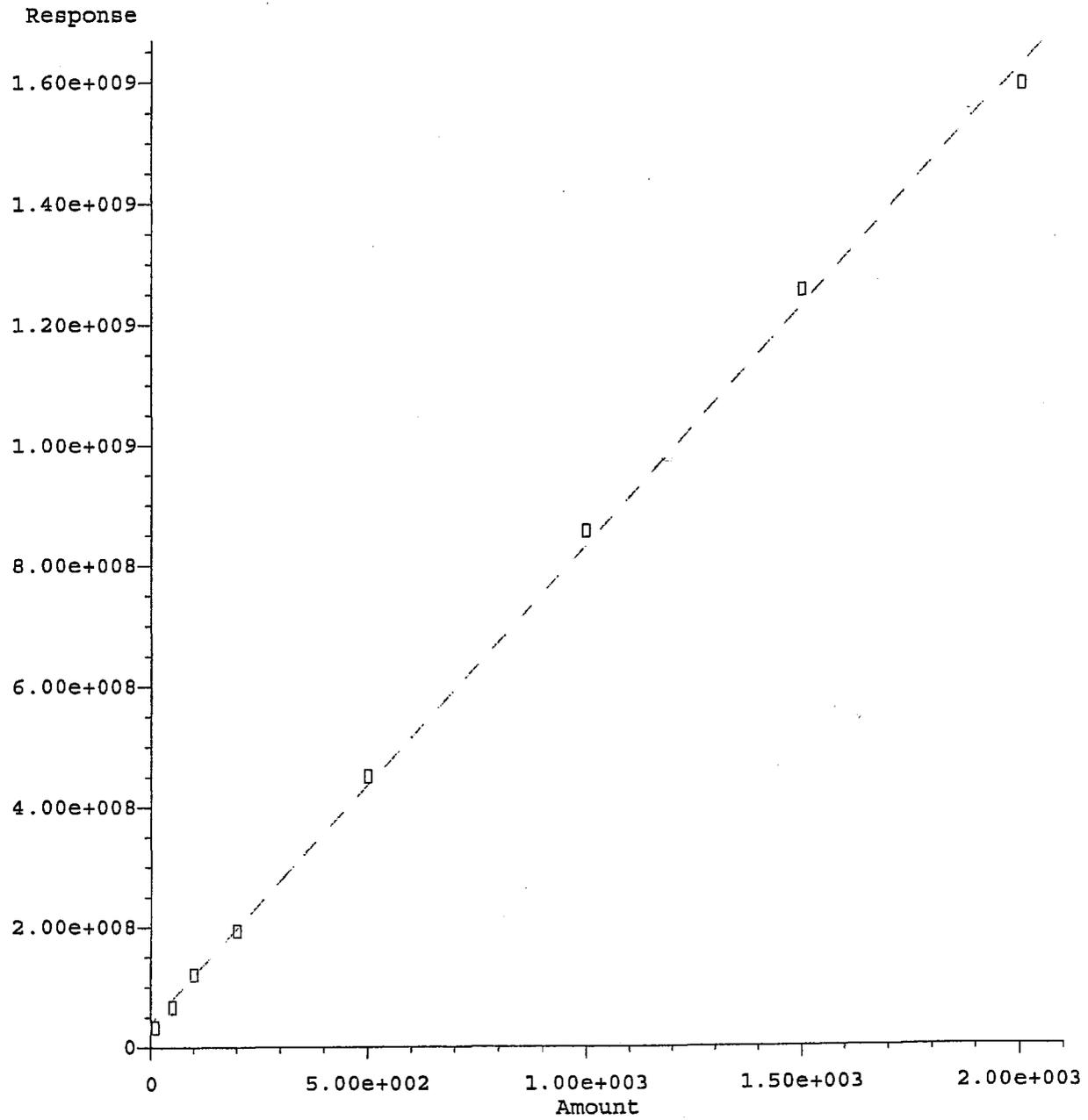
1260 {1} #2



Response = 4.64e+005 * Amt + 1.90e+007
Coef of Det (r^2) = 0.999 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

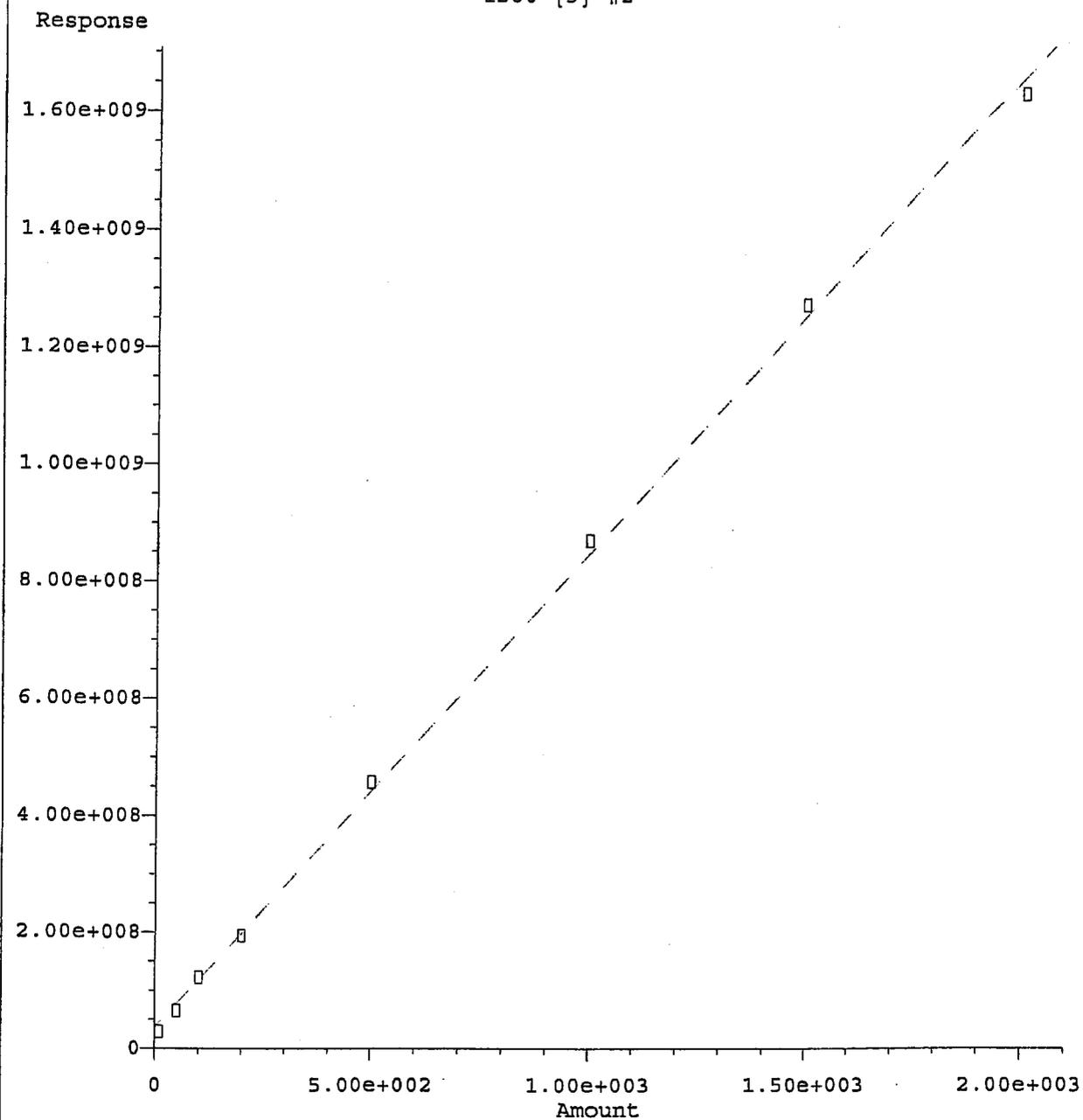
1260 {2} #2



Response = 7.92e+005 * Amt + 3.96e+007
Coef of Det (r^2) = 0.999 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

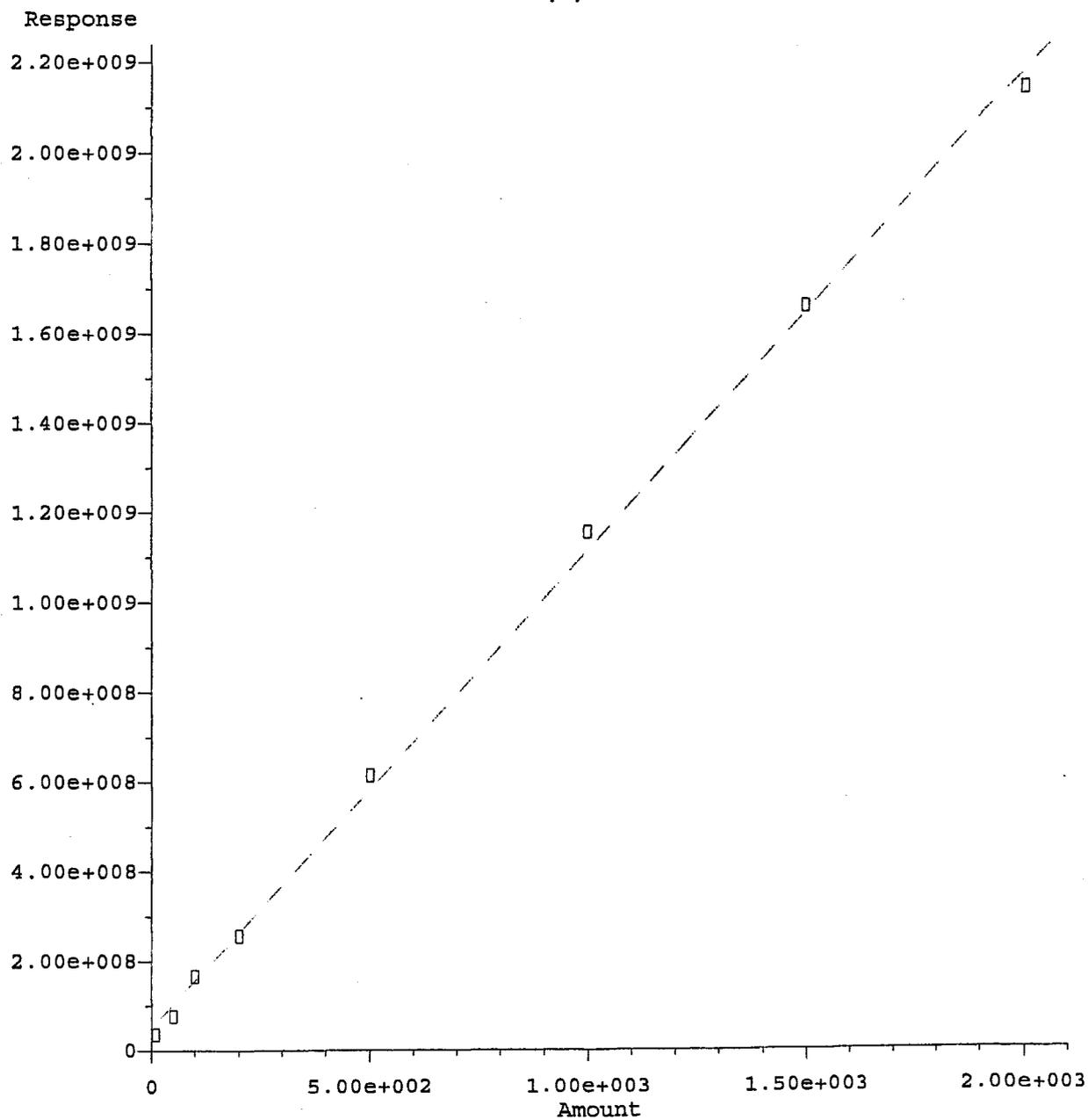
1260 {3} #2



Response = 8.09e+005 * Amt + 3.69e+007
Coef of Det (r^2) = 0.999 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

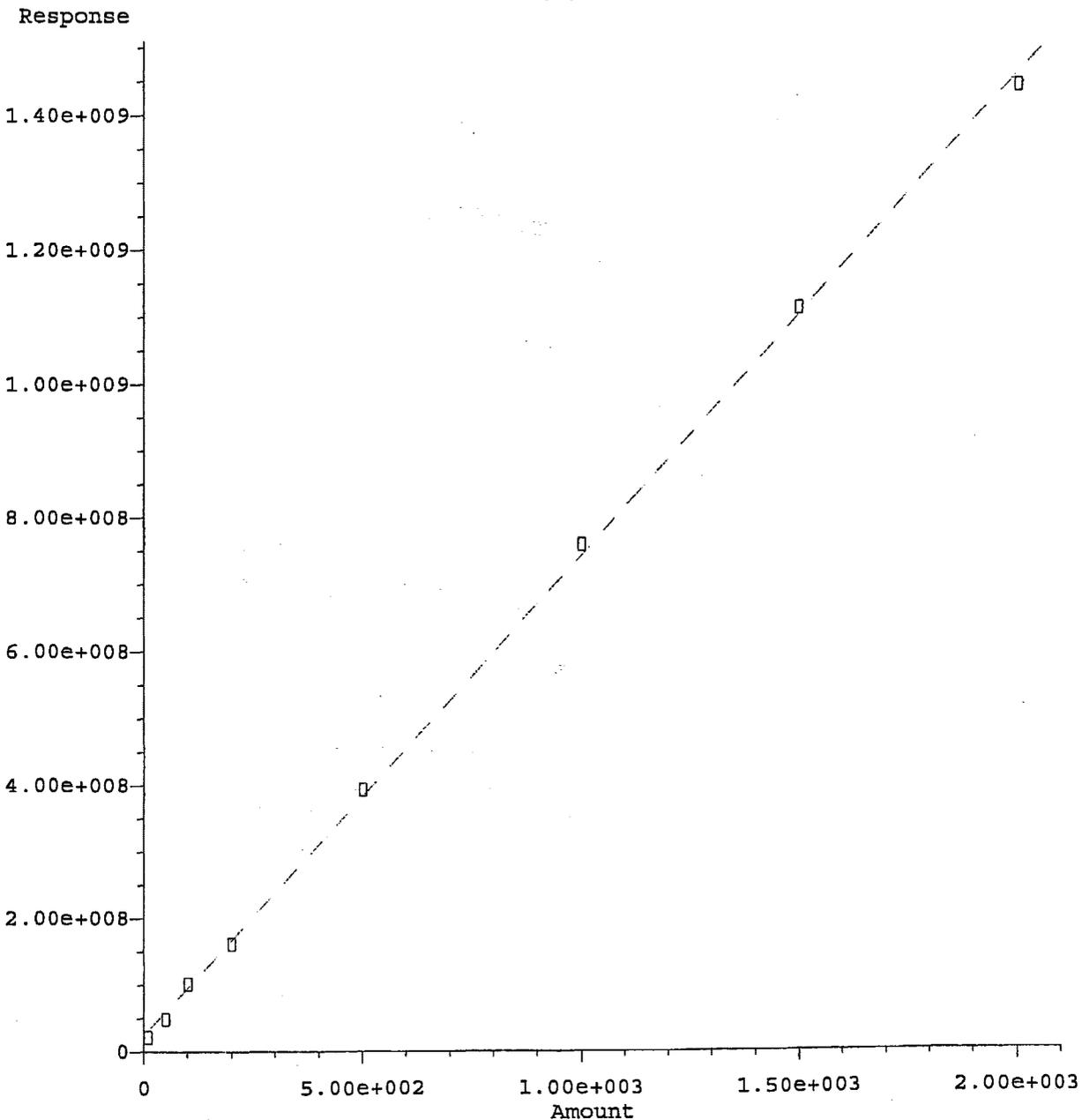
1260 {4} #2



Response = 1.06e+006 * Amt + 5.12e+007
Coef of Det (r^2) = 0.999 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

1260 {5} #2



Response = 7.16e+005 * Amt + 2.38e+007
Coef of Det (r^2) = 0.999 Curve Fit: Linear

Method Name: C:\MSDCHEM\2\METHODS\PCH0705.M
Calibration Table Last Updated: Mon Aug 08 07:47:31 2005

Injection Log

Directory: g:\msdchem\2\data\080705

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	96	h07001.d	0.	5H07003-IBL1	1x	7 Aug 05 09:34
2	96	h07002.d	0.	5H07003-IBL2	1x	7 Aug 05 09:52
3	96	h07003.d	0.	5H07003-IBL3	1x	7 Aug 05 10:10
4	96	h07004.d	0.	5H07003-IBL4	1x	7 Aug 05 10:28
5	1	h07005.d	0.	5H07003-IBL5	1x	7 Aug 05 10:47
6	1	h07006.d	0.	5H07003-CAL1	1x 5060004 10ug/L	7 Aug 05 11:05
7	2	h07007.d	0.	5H07003-CAL2	1x 5060005 50ug/L	7 Aug 05 11:23
8	3	h07008.d	0.	5H07003-CAL3	1x 5060006 100ug/L	7 Aug 05 11:42
9	4	h07009.d	0.	5H07003-CAL4	1x 5060007 200ug/L	7 Aug 05 12:00
10	5	h07010.d	0.	5H07003-CAL5	1x 5080100 500ug/L	7 Aug 05 12:18
11	6	h07011.d	0.	5H07003-CAL6	1x 5080101 1000ug/L	7 Aug 05 12:36
12	7	h07012.d	0.	5H07003-CAL7	1x 5060010 1500ug/L	7 Aug 05 12:55
13	8	h07013.d	0.	5H07003-CAL8	1x 5010011 2000ug/L	7 Aug 05 13:13
14	9	h07014.d	0.	5H07003-SCV1	1x 5080113 500ug/L 2nd	7 Aug 05 13:31
15	9	h07015.d	0.	5H07003-SCV2	1x 5080113 500ug/L 2nd	7 Aug 05 13:49
16	10	h07016.d	0.	5H07003-CAL9	1x 4110193 1221	7 Aug 05 14:08
17	11	h07017.d	0.	5H07003-CALA	1x 4110195 1232	7 Aug 05 14:26
18	12	h07018.d	0.	5H07003-CALB	1x 5010281 1242	7 Aug 05 14:44
19	13	h07019.d	0.	5H07003-CALC	1x 5010282 1248	7 Aug 05 15:03
20	14	h07020.d	0.	5H07003-CALD	1x 5010283 1254	7 Aug 05 15:21
21	15	h07021.d	0.	5H07003-CALE	1x 5010284 1262	7 Aug 05 15:39
22	16	h07022.d	0.	5H07003-CALF	1x 5010285 1268	7 Aug 05 15:57
23	100	h07023.d	0.	5H07003-CCV1	1x 5080100 500ug/L	7 Aug 05 16:16
24	100	h07024.d	0.	5H07003-CCV2	1x 5080100 500ug/L	7 Aug 05 16:34
25	17	h07025.d	0.	5H04061-BLK1	1x	7 Aug 05 16:52
26	18	h07026.d	0.	5H04061-BS1	1x	7 Aug 05 17:11
27	19	h07027.d	0.	5H04061-BSD1	1x	7 Aug 05 17:29
28	21	h07028.d	0.	5H02046-BLK1	1x	7 Aug 05 17:47
29	22	h07029.d	0.	5H02046-BS1	1x	7 Aug 05 18:05
30	23	h07030.d	0.	5H02046-BSD1	1x	7 Aug 05 18:24
31	20	h07031.d	0.	B5G0565-02	50x	7 Aug 05 18:42
32	24	h07032.d	0.	B5G0649-01 <i>miss inj</i>	1x	7 Aug 05 19:00

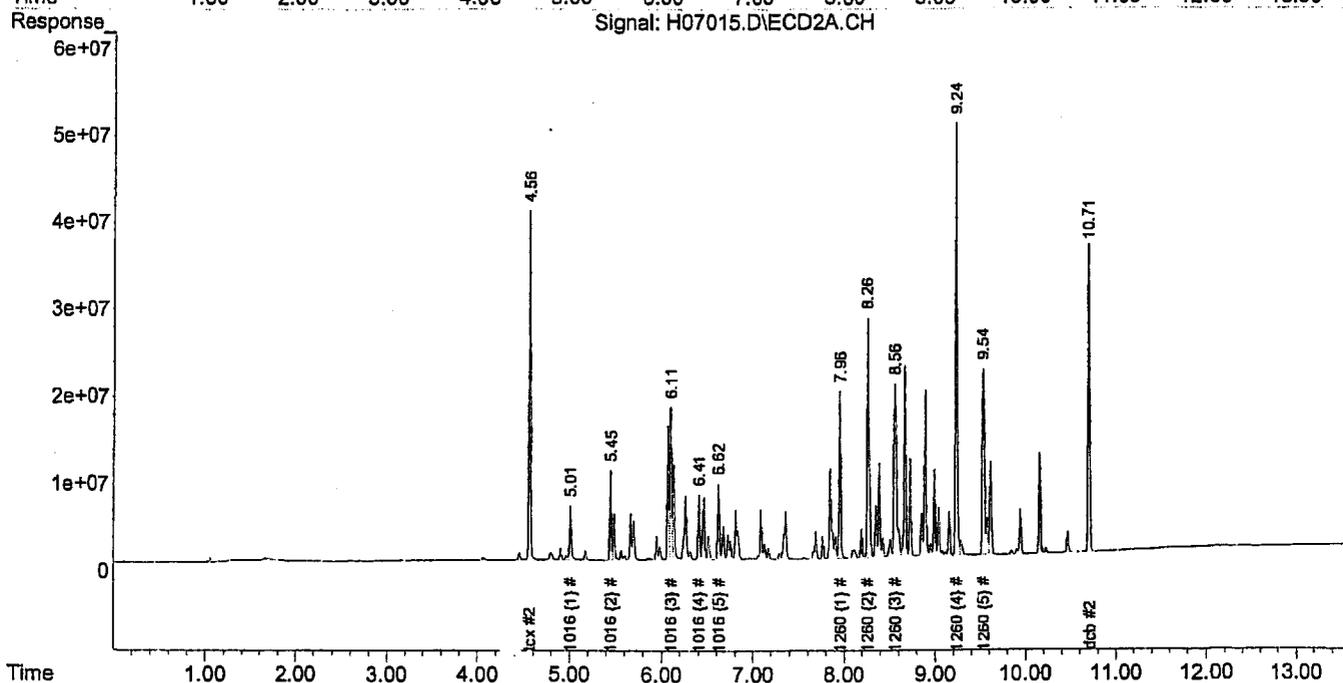
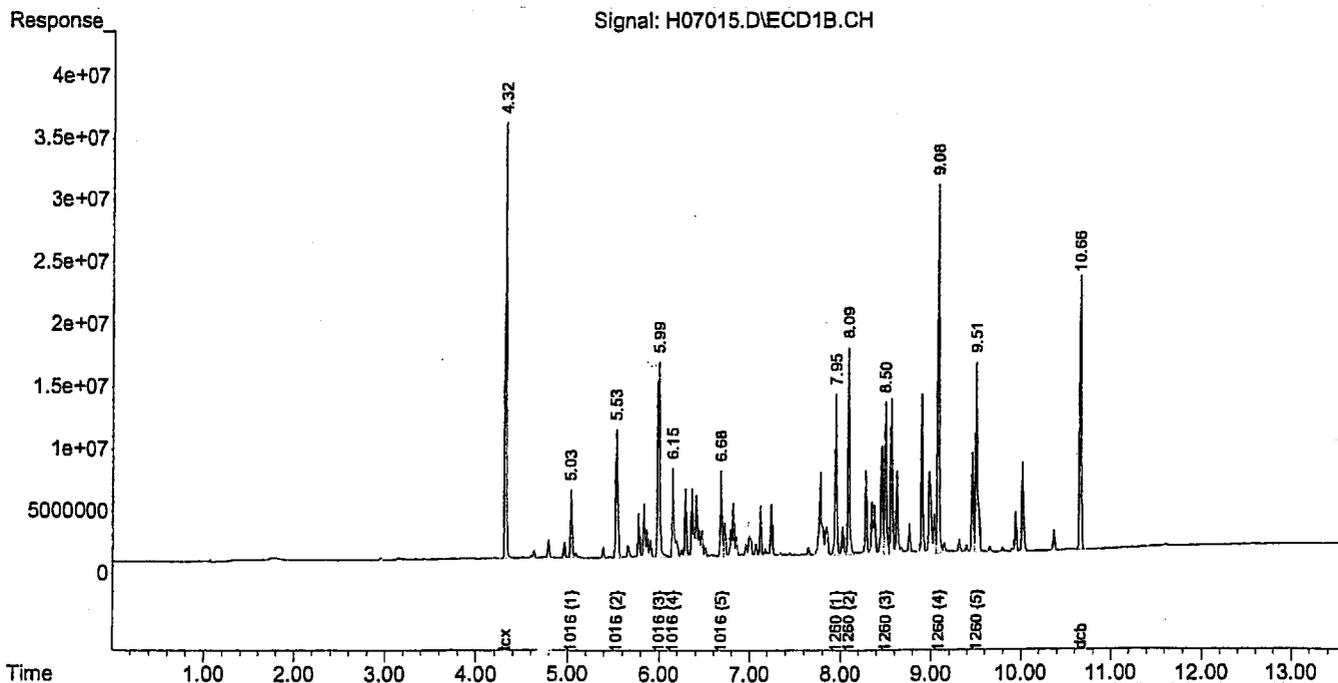
ACTH0705

*accy 8.8.05
Hex lot# 050139*

Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07015.D
 Acq On : 07 Aug 2005 13:49 Operator: eg
 Sample : 5H07003-SCV2 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5080113 500ug/L 2nd Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 08 12:17:25 2005
 QLast Update : Mon Aug 08 07:47:31 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

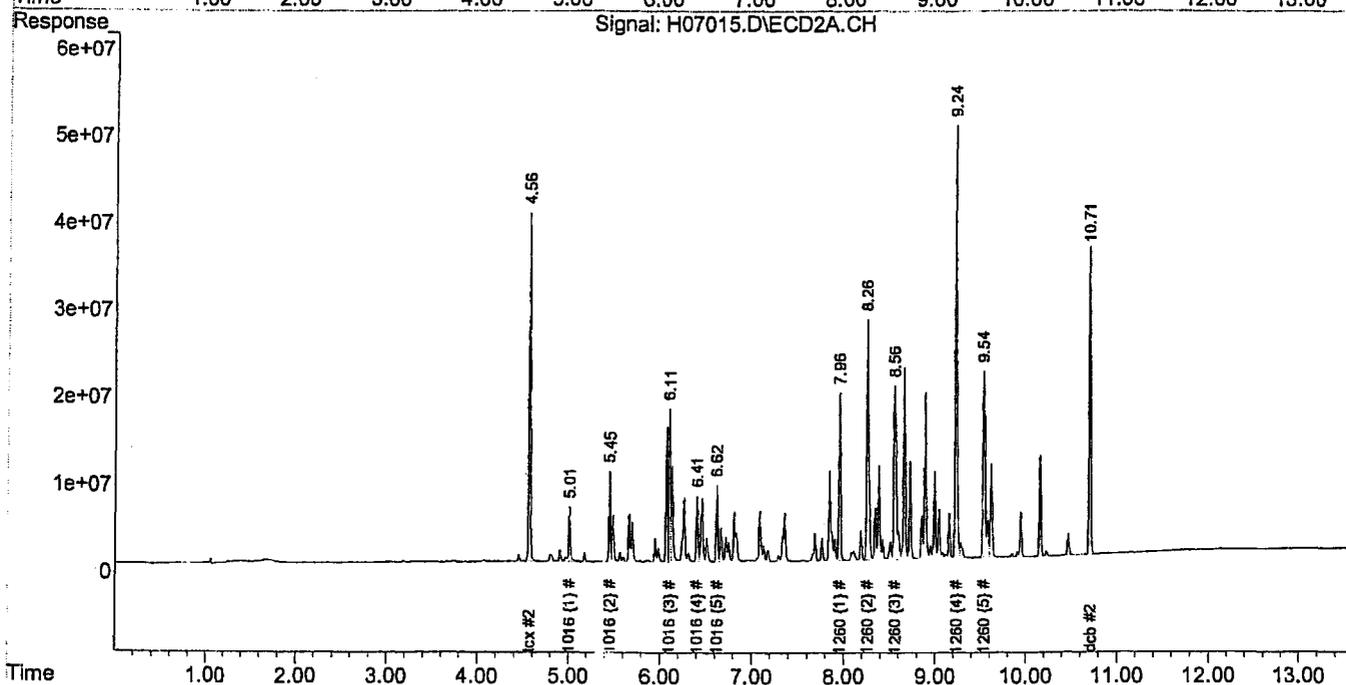
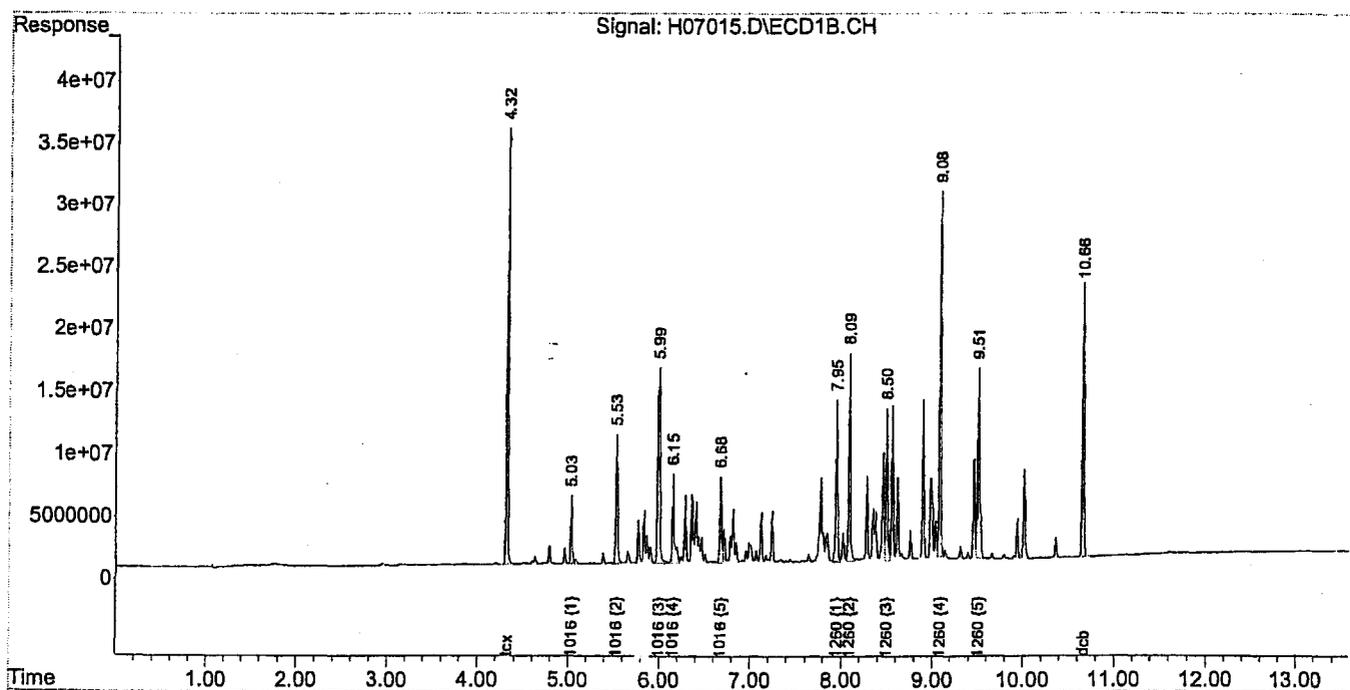


Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07015.D
 Acq On : 07 Aug 2005 13:49
 Sample : 5H07003-SCV2
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5080113 500ug/L 2nd

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 08 12:18:16 2005
 QLast Update : Mon Aug 08 07:47:31 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07015.D
 Acq On : 07 Aug 2005 13:49 Operator: eg
 Sample : 5H07003-SCV2 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5080113 500ug/L 2nd Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 08 12:18:16 2005
 QLast Update : Mon Aug 08 07:47:31 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
1) s tcx	4.32	4.56	399.3E6	470.5E6	46.569	47.944
12) s dcb	10.66	10.71	293.9E6	473.8E6	56.256	54.391
Target Compounds						
2) L1 1016 {1}	5.04	5.01	67309148	90998571	522.992	559.163
3) L1 1016 {2}	5.53	5.45	156.7E6	120.5E6	484.220	478.325
4) L1 1016 {3}	5.99	6.11	308.8E6	222.3E6	475.853	482.685
5) L1 1016 {4}	6.15	6.41	119.3E6	95923144	492.206	473.397
6) L1 1016 {5}	6.68	6.62	99261106	107.6E6	501.828	489.084
Sum 1016			751.3E6	637.3E6	2477.099	2482.654
Average 1016					495.420	496.531
7) L2 1260 {1}	7.95	7.96	174.7E6	246.3E6	475.891	490.124
8) L2 1260 {2}	8.09	8.26	223.1E6	421.4E6	501.339	482.008
9) L2 1260 {3}	8.50	8.56	166.8E6	403.5E6	439.880	453.261
10) L2 1260 {4}	9.08	9.24	371.8E6	648.7E6	570.753m	563.647m
11) L2 1260 {5}	9.51	9.54	238.2E6	428.2E6	566.615m	564.898
Sum 1260			1174.6E6	2148.0E6	2554.478	2553.937
Average 1260					510.896	510.787

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

all 8.8.05

Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07015.D
 Acq On : 07 Aug 2005 13:49 Operator: eg
 Sample : 5H07003-SCV2 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5080113 500ug/L 2nd Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 08 12:17:25 2005
 QLast Update : Mon Aug 08 07:47:31 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
1) s tcx	4.32	4.56	399.3E6	470.5E6	46.569	47.944
12) s dcb	10.66	10.71	293.9E6	473.8E6	56.256	54.391
Target Compounds						
2) L1 1016 {1}	5.04	5.01	67309148	90998571	522.992	559.163
3) L1 1016 {2}	5.53	5.45	156.7E6	120.5E6	484.220	478.325
4) L1 1016 {3}	5.99	6.11	308.8E6	222.3E6	475.853	482.685
5) L1 1016 {4}	6.15	6.41	119.3E6	95923144	492.206	473.397
6) L1 1016 {5}	6.68	6.62	99261106	107.6E6	501.828	489.084
Sum 1016			751.3E6	637.3E6	2477.099	2482.654
Average 1016					495.420	496.531
7) L2 1260 {1}	7.95	7.96	174.7E6	246.3E6	475.891	490.124
8) L2 1260 {2}	8.09	8.26	223.1E6	421.4E6	501.339	482.008
9) L2 1260 {3}	8.50	8.56	166.8E6	403.5E6	439.880	453.261
10) L2 1260 {4}	9.08	9.24	385.0E6	654.6E6	592.181	569.214
11) L2 1260 {5}	9.51	9.54	246.0E6	428.2E6	586.575	564.898
Sum 1260			1195.5E6	2153.9E6	2595.866	2559.505
Average 1260					519.173	511.901

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

Data Path : C:\MSDCHEM\2\DATA\080705\
Data File : H07015.D
Acq On : 07 Aug 2005 13:49 Operator: eg
Sample : 5H07003-SCV2 Inst : ECD-6
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Misc : 1x 5080113 500ug/L 2nd Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
Integration File signal 2: 1016#3.E
Quant Method : C:\MSDCHEM\2\METHODS\PCH0705.M
Quant Title : Method 8082 - 1016/1260 Initial Calibration
Quant Time: Aug 08 12:18:16 2005
QLast Update : Mon Aug 08 07:47:31 2005
Response via : Initial Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
1 s tcx	50.000	46.569	6.9	96	0.00
2 L1 1016 {1}	500.000	522.992	-4.6	104	0.00
3 L1 1016 {2}	500.000	484.220	3.2	98	0.00
4 L1 1016 {3}	500.000	475.853	4.8	96	0.00
5 L1 1016 {4}	500.000	492.206	1.6	97	0.00
6 L1 1016 {5}	500.000	501.828	-0.4	100	0.00
7 L2 1260 {1}	500.000	475.891	4.8	93	0.00
8 L2 1260 {2}	500.000	501.339	-0.3	96	0.00
9 L2 1260 {3}	500.000	439.880	12.0	86	0.00
10 L2 1260 {4}	500.000	570.753	-14.2	110	0.00
11 L2 1260 {5}	500.000	566.615	-13.3	109	0.00
12 s dcb	50.000	56.256	-12.5	109	0.00

Signal #2

1 s tcx	50.000	47.944	4.1	96	0.00
2 L1 1016 {1}	500.000	559.163	-11.8	110	0.00
3 L1 1016 {2}	500.000	478.325	4.3	96	0.00
4 L1 1016 {3}	500.000	482.685	3.5	95	0.00
5 L1 1016 {4}	500.000	473.397	5.3	95	0.00
6 L1 1016 {5}	500.000	489.084	2.2	98	0.00
7 L2 1260 {1}	500.000	490.124	2.0	96	0.00
8 L2 1260 {2}	500.000	482.008	3.6	94	0.00
9 L2 1260 {3}	500.000	453.261	9.3	88	0.00
10 L2 1260 {4}	500.000	563.647	-12.7	106	0.00
11 L2 1260 {5}	500.000	564.898	-13.0	109	0.00
12 s dcb	50.000	54.391	-8.8	109	0.00

Evaluate Continuing Calibration Report - Not Found

Signal #2

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07015.D
 Acq On : 07 Aug 2005 13:49 Operator: eg
 Sample : 5H07003-SCV2 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5080113 500ug/L 2nd Multiplr: 1.00

Integration File signal 1: AUTOINT1.E
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\PCH0705.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 08 12:18:16 2005
 QLast Update : Mon Aug 08 07:47:31 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 15% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1 s tcx	8.575	7.987 E6	6.9	96	0.00
2 L1 1016 {1}	143.556	134.618 E3	6.2	104	0.00
3 L1 1016 {2}	359.663	313.390 E3	12.9	98	0.00
4 L1 1016 {3}	705.303	617.572 E3	12.4	96	0.00
5 L1 1016 {4}	281.408	238.537 E3	15.2#	97	0.00
6 L1 1016 {5}	217.906	198.522 E3	8.9	100	0.00
7 L2 1260 {1}	566.072	349.407 E3	38.3#	93	0.00
8 L2 1260 {2}	670.405	446.173 E3	33.4#	96	0.00
9 L2 1260 {3}	543.367	333.562 E3	38.6#	86	0.00
10 L2 1260 {4}	888.792	743.647 E3	16.3#	110	0.00
11 L2 1260 {5}	609.821	476.342 E3	21.9#	109	0.00
12 s dcb	5.876	5.878 E6	-0.0	109	0.00

Signal #2

1 s tcx	9.814	9.410 E6	4.1	96	0.00
2 L1 1016 {1}	175.824	181.997 E3	-3.5	110	0.00
3 L1 1016 {2}	272.655	240.992 E3	11.6	96	0.00
4 L1 1016 {3}	489.994	444.577 E3	9.3	95	0.00
5 L1 1016 {4}	232.252	191.846 E3	17.4#	95	0.00
6 L1 1016 {5}	242.644	215.195 E3	11.3	98	0.00
7 L2 1260 {1}	696.541	492.503 E3	29.3#	96	0.00
8 L2 1260 {2}	1.280	0.843 E6	34.1#	94	0.00
9 L2 1260 {3}	1.231	0.807 E6	34.4#	88	0.00
10 L2 1260 {4}	1.590	1.297 E6	18.4#	106	0.00
11 L2 1260 {5}	993.425	856.484 E3	13.8	109	0.00
12 s dcb	8.712	9.477 E6	-8.8	109	0.00

Evaluate Continuing Calibration Report - Not Found

Signal #2

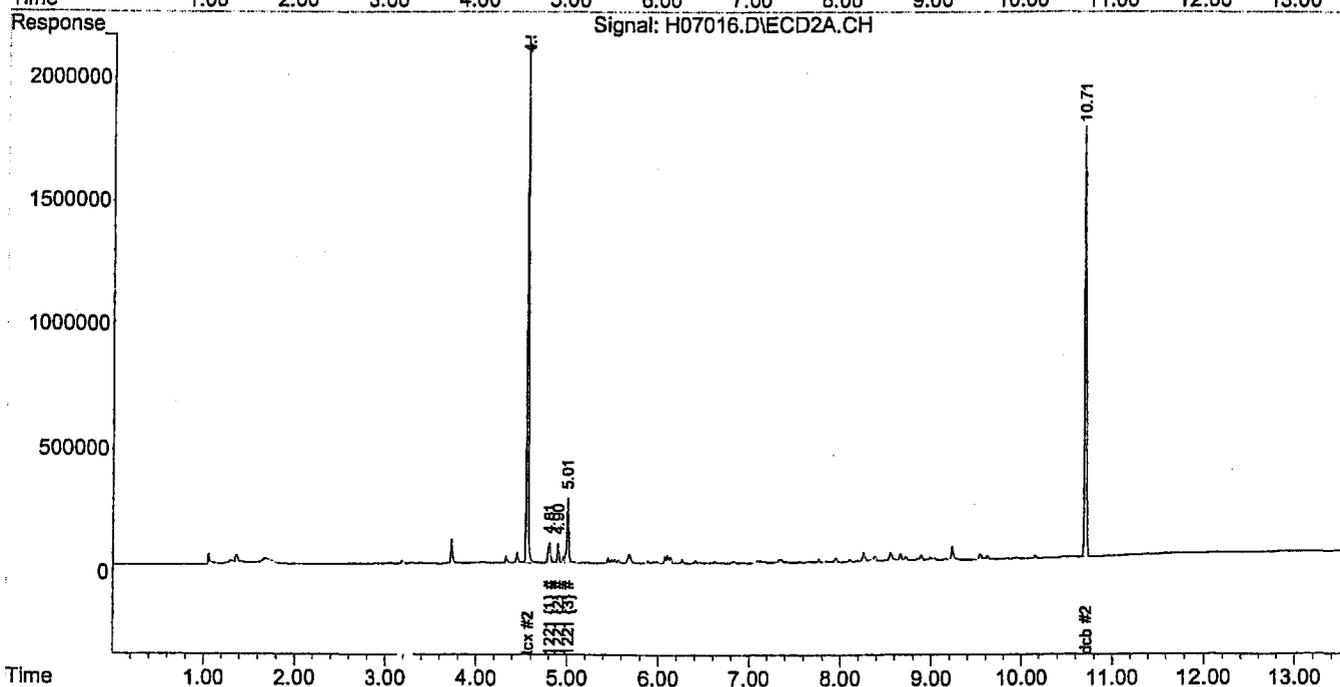
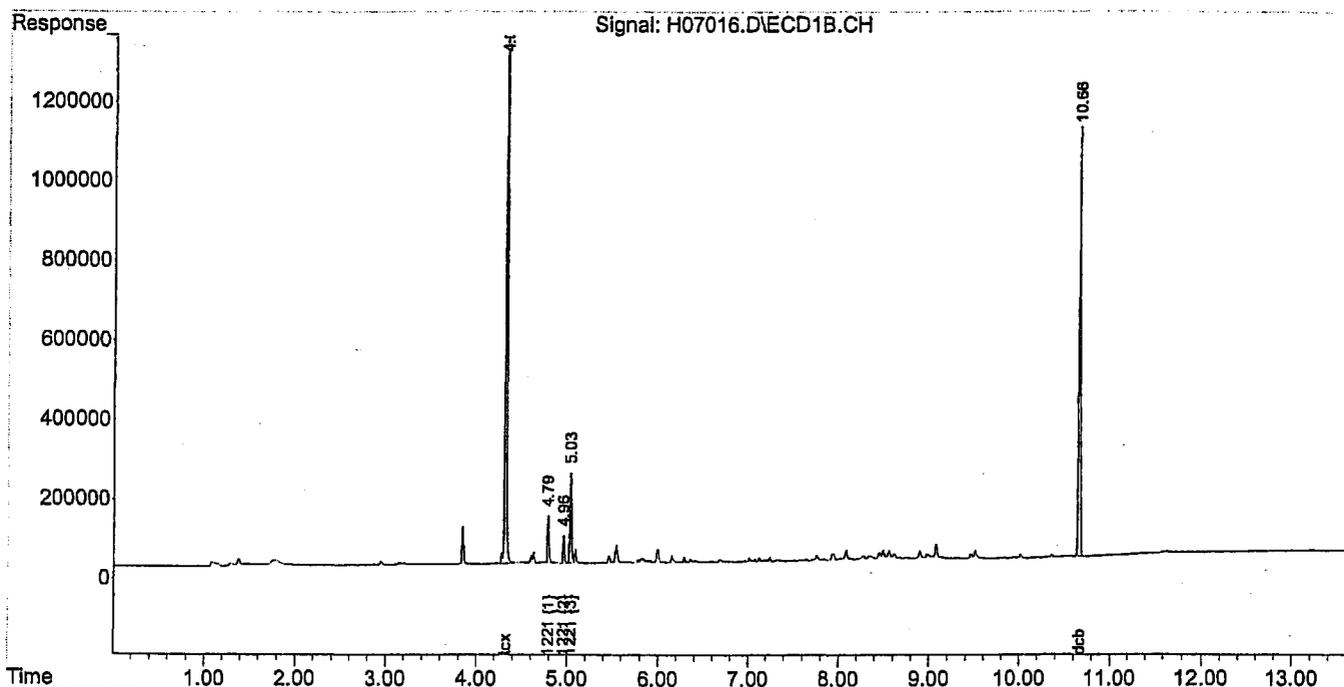
(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07016.D
 Acq On : 07 Aug 2005 14:08 Operator: eg
 Sample : 5H07003-CAL9 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 4110193 1221 Multiplr: 1.00

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.E
 Quant Method : C:\MSDCHEM\2\METHODS\21H0705.M
 Quant Title : Method 8082 - 1221 1pt Calibration
 Quant Time: Aug 08 13:07:13 2005
 QLast Update : Mon Aug 08 13:07:08 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07016.D
 Acq On : 07 Aug 2005 14:08 Operator: eg
 Sample : 5H07003-CAL9 Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 4110193 1221 Multiplr: 1.00

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.E
 Quant Method : C:\MSDCHEM\2\METHODS\21H0705.M
 Quant Title : Method 8082 - 1221 lpt Calibration
 Quant Time: Aug 08 13:07:13 2005
 QLast Update : Mon Aug 08 13:07:08 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
1) s tcx	4.32	4.56	23278165	26659800	50.000	50.000
5) s dcb	10.66	10.71	14186502	23212748	50.000	50.000
Target Compounds						
2) L1 1221 {1}	4.79	4.81	1616676	1661648	500.000	500.000
3) L1 1221 {2}	4.96	4.90	847708	994435	500.000	500.000
4) L1 1221 {3}	5.04	5.01	2760014	3774708	500.000	500.000
Sum 1221			5224397	6430791	1500.000	1500.000
Average 1221					500.000	500.000

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

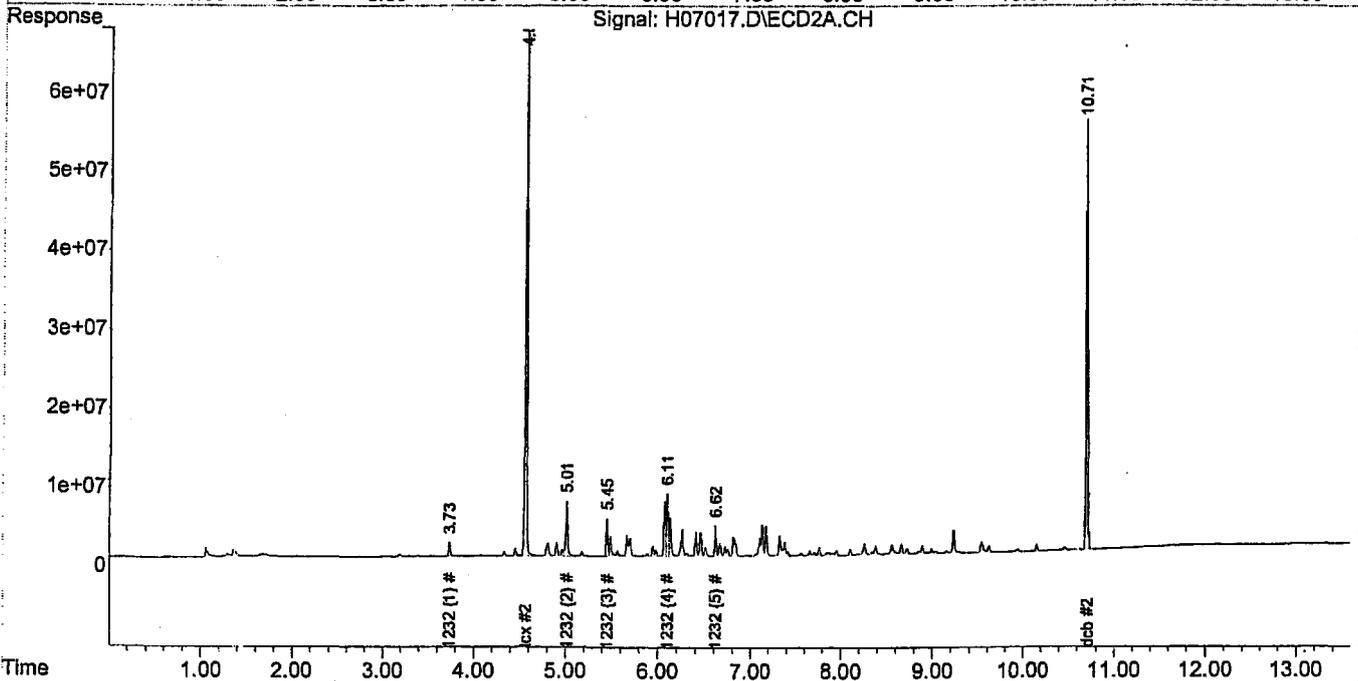
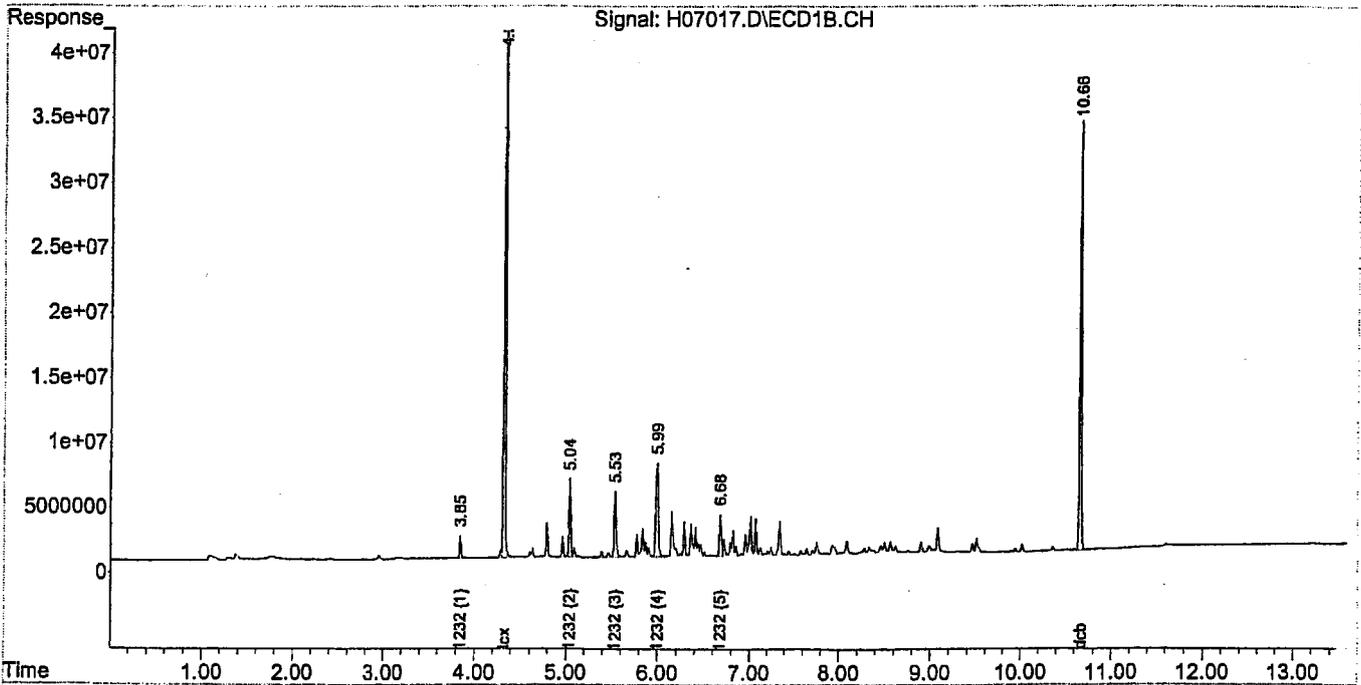
ccly 8.8.05

Data Path : C:\MSDCHEM\2\DATA\080705\
Data File : H07017.D
Acq On : 07 Aug 2005 14:26
Sample : 5H07003-CALA
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Misc : 1x 4110195 1232

Operator: eg
Inst : ECD-6
Multiplr: 1.00

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.E
Quant Method : C:\MSDCHEM\2\METHODS\32H0705.M
Quant Title : Method 8082 - 1232 1pt Calibration
Quant Time: Aug 08 13:08:23 2005
QLast Update : Mon Aug 08 13:08:19 2005
Response via : Initial Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07017.D
 Acq On : 07 Aug 2005 14:26 Operator: eg
 Sample : 5H07003-CALA Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 4110195 1232 Multiplr: 1.00

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.E
 Quant Method : C:\MSDCHEM\2\METHODS\32H0705.M
 Quant Title : Method 8082 - 1232 1pt Calibration
 Quant Time: Aug 08 13:08:23 2005
 QLast Update : Mon Aug 08 13:08:19 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) s tcx	4.32	4.57	739.6E6	863.6E6	50.000	50.000
7) s dcb	10.66	10.71	438.0E6	708.5E6	50.000	50.000
Target Compounds						
2) L1 1232 {1}	3.85	3.74	21973033	24367550	500.000	500.000
3) L1 1232 {2}	5.04	5.01	75198178	99838977	500.000	500.000
4) L1 1232 {3}	5.53	5.45	84098325	57665357	500.000	500.000
5) L1 1232 {4}	5.99	6.11	147.9E6	101.8E6	500.000	500.000
6) L1 1232 {5}	6.68	6.62	50620402	48092854	500.000	500.000
Sum 1232			379.7E6	331.8E6	2500.000	2500.000
Average 1232					500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

com 8.8.05

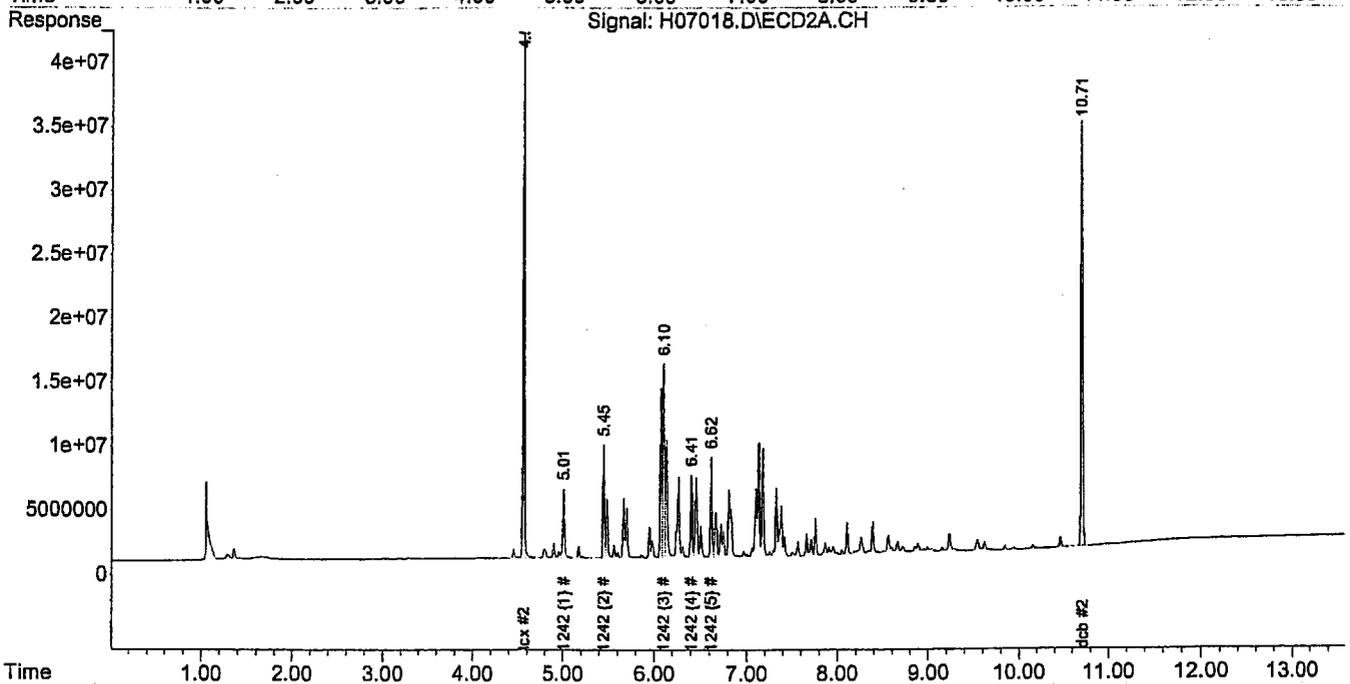
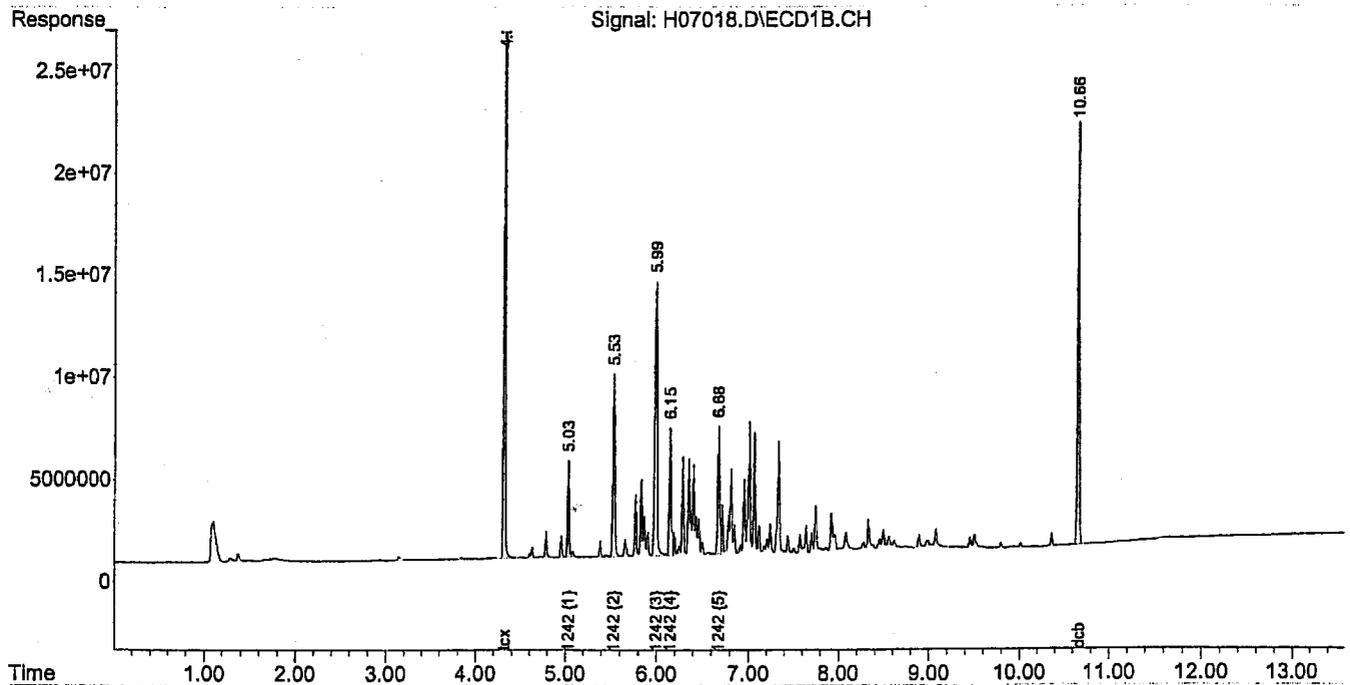
*Standard is expired,
 still used for peak ID
 not for quantitation now
 Std ordered, will run
 when it gets in.
 EAG 8.8.05*

Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07018.D
 Acq On : 07 Aug 2005 14:44
 Sample : 5H07003-CALB
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5010281 1242

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: autoint1.e
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\42H0705.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 08 13:09:29 2005
 QLast Update : Mon Aug 08 13:09:18 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07018.D
 Acq On : 07 Aug 2005 14:44 Operator: eg
 Sample : 5H07003-CALB Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5010281 1242 Multiplr: 1.00

Integration File signal 1: autoint1.e
 Integration File signal 2: 1016#3.E
 Quant Method : C:\MSDCHEM\2\METHODS\42H0705.M
 Quant Title : Method 8082 - 1016/1260 Initial Calibration
 Quant Time: Aug 08 13:09:29 2005
 QLast Update : Mon Aug 08 13:09:18 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
1) s tcx	4.31	4.56	427.5E6	500.3E6	50.000	50.000
7) s dcb	10.66	10.71	275.4E6	446.9E6	50.000	50.000
Target Compounds						
2) L1 1242 {1}	5.03	5.01	58117956	71459445	500.000	500.000
3) L1 1242 {2}	5.53	5.45	134.8E6	103.5E6	500.000	500.000
4) L1 1242 {3}	5.99	6.11	264.5E6	188.7E6	500.000	500.000
5) L1 1242 {4}	6.15	6.41	88079648	81270127	500.000	500.000
6) L1 1242 {5}	6.68	6.62	92542580	93852801	500.000	500.000
Sum 1242			638.0E6	538.9E6	2500.000	2500.000
Average 1242					500.000	500.000

 (f)=RT Delta > .1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

Handwritten signature and date: 8.8.05

Data Path : C:\MSDCHEM\2\DATA\080705\

Data File : H07019.D

Acq On : 07 Aug 2005 15:03

Sample : 5H07003-CALC

Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH

Misc : 1x 5010282 1248

Operator: eg

Inst : ECD-6

Multiplr: 1.00

Integration File signal 1: autoint1.e

Integration File signal 2: autoint2.E

Quant Method : C:\MSDCHEM\2\METHODS\48H0705.M

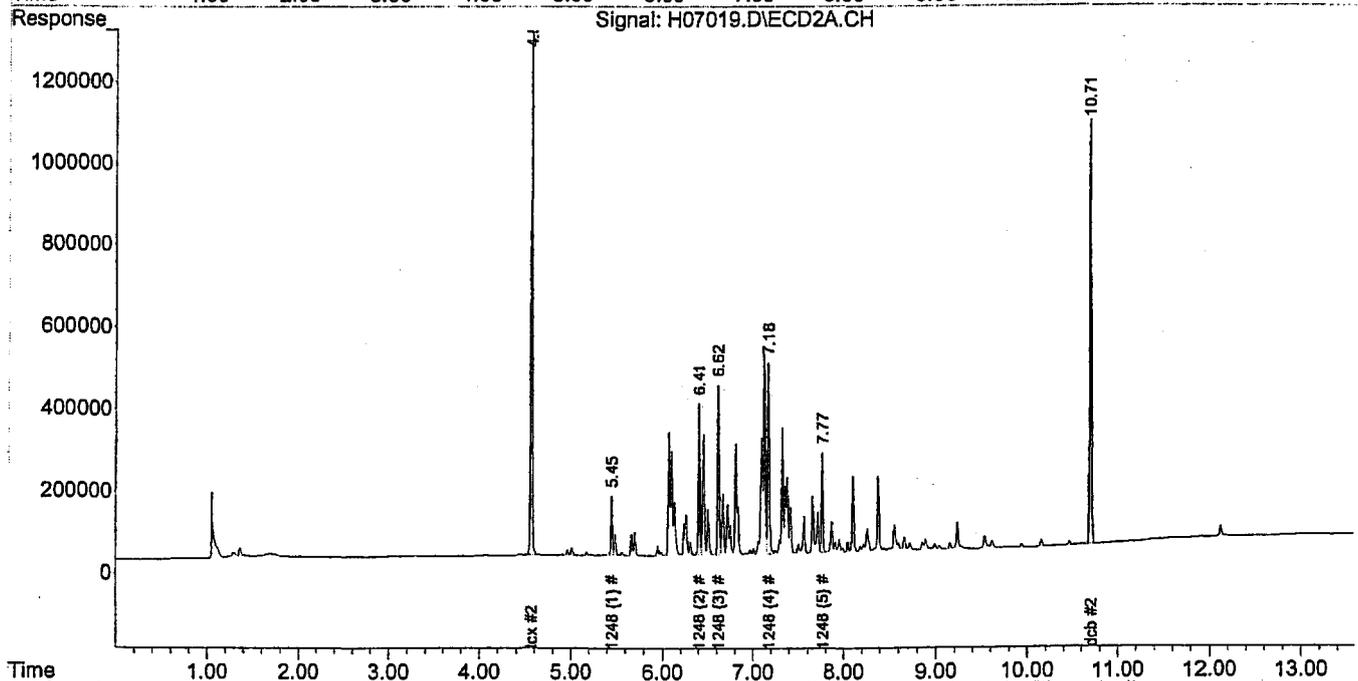
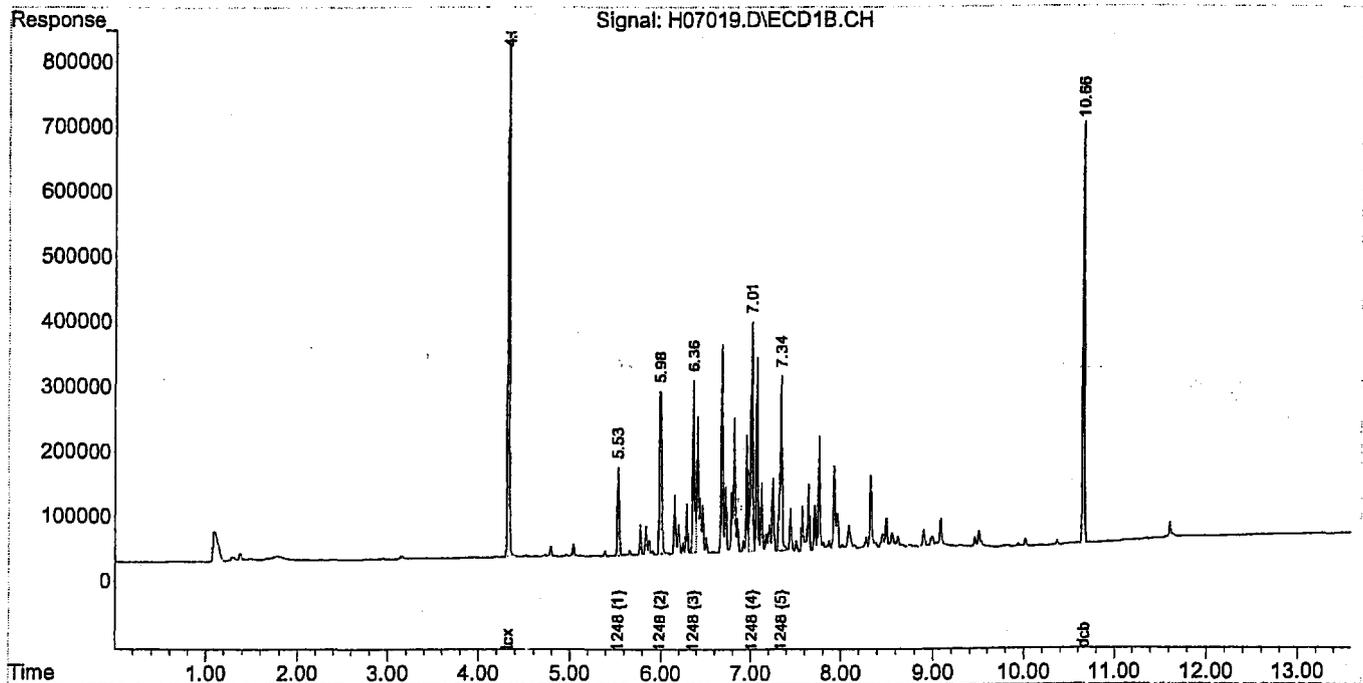
Quant Title : Method 8082 - 1248 1pt Calibration

Quant Time: Aug 08 13:10:35 2005

QLast Update : Mon Aug 08 13:10:22 2005

Response via : Initial Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07019.D
 Acq On : 07 Aug 2005 15:03 Operator: eg
 Sample : 5H07003-CALC Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5010282 1248 Multiplr: 1.00

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.E
 Quant Method : C:\MSDCHEM\2\METHODS\48H0705.M
 Quant Title : Method 8082 - 1248 1pt Calibration
 Quant Time: Aug 08 13:10:35 2005
 QLast Update : Mon Aug 08 13:10:22 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
1) s tcx	4.31	4.56	13170851	15417348	50.000	50.000
7) s dcb	10.66	10.71	8536339	13709840	50.000	50.000
Target Compounds						
2) L1 1248 {1}	5.53	5.45	1914429	1710111	500.000	500.000
3) L1 1248 {2}	5.99	6.41	5015285	4528295	500.000	500.000
4) L1 1248 {3}	6.36	6.62	3790810	4982055	500.000	500.000
5) L1 1248 {4}	7.01	7.18	5227659	5900180	500.000	500.000
6) L1 1248 {5}	7.34	7.77	4629219	3057539	500.000	500.000
Sum 1248			20577403	20178179	2500.000	2500.000
Average 1248					500.000	500.000

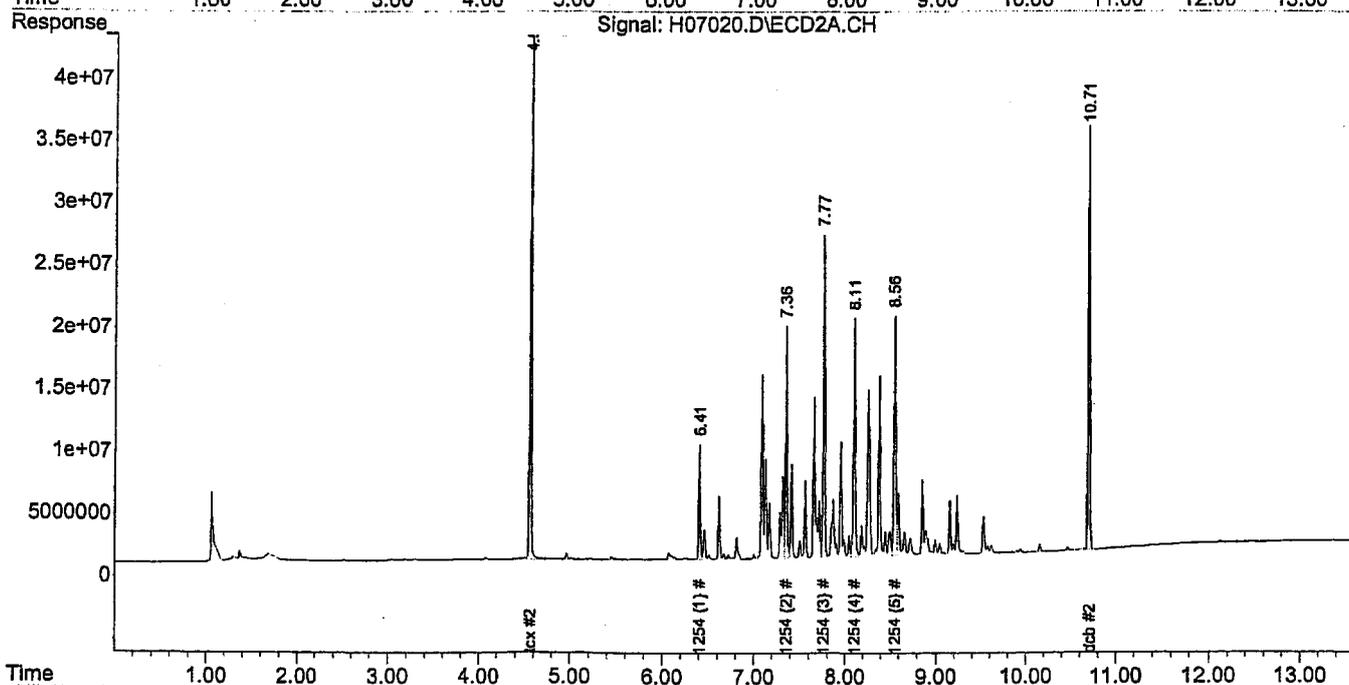
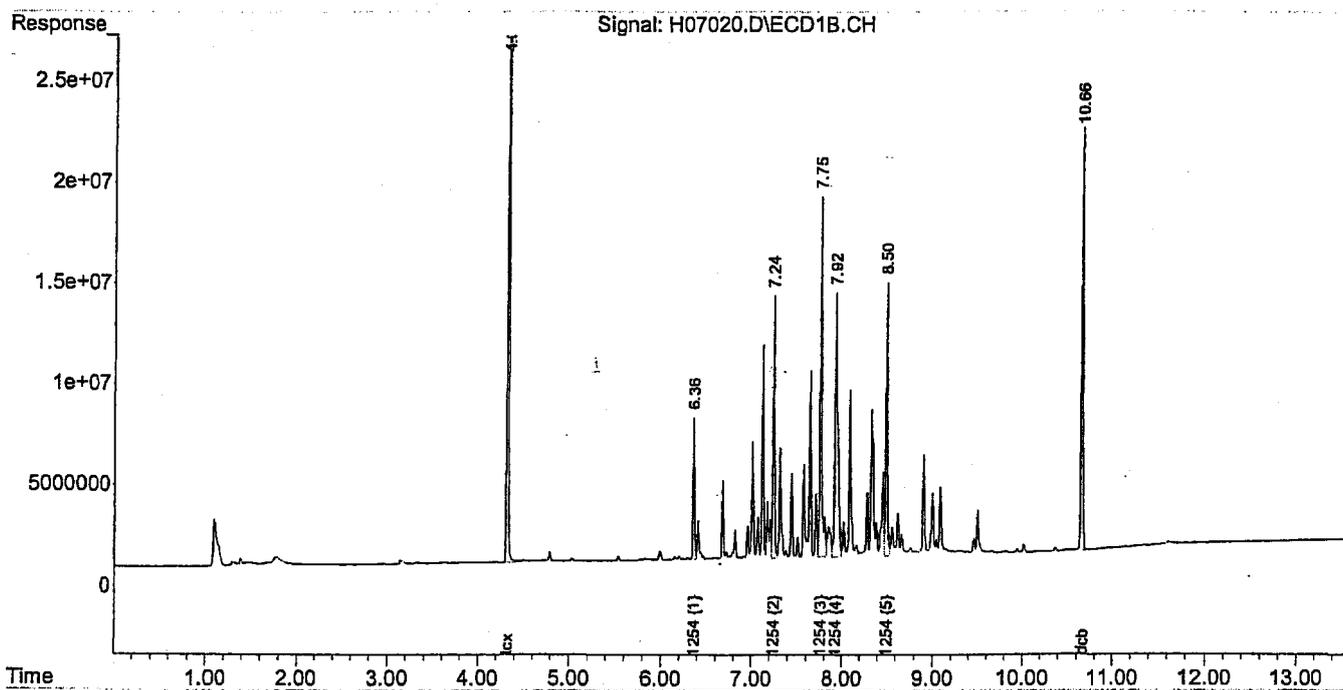
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

all 8.8.05

Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07020.D
 Acq On : 07 Aug 2005 15:21 Operator: eg
 Sample : 5H07003-CALD Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5010283 1254 Multiplr: 1.00

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.E
 Quant Method : C:\MSDCHEM\2\METHODS\54H0705.M
 Quant Title : Method 8082 - 1254 1pt Calibration
 Quant Time: Aug 08 13:11:34 2005
 QLast Update : Mon Aug 08 13:11:22 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07020.D
 Acq On : 07 Aug 2005 15:21 Operator: eg
 Sample : 5H07003-CALD Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5010283 1254 Multiplr: 1.00

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.E
 Quant Method : C:\MSDCHEM\2\METHODS\54H0705.M
 Quant Title : Method 8082 - 1254 1pt Calibration
 Quant Time: Aug 08 13:11:34 2005
 QLast Update : Mon Aug 08 13:11:22 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
1) s tcx	4.32	4.57	443.2E6	520.0E6	50.000	50.000
7) s dcb	10.66	10.71	277.8E6	446.2E6	50.000	50.000
Target Compounds						
2) L1 1254 {1}	6.36	6.41	85670064	113.8E6	500.000	500.000
3) L1 1254 {2}	7.24	7.36	166.6E6	240.2E6	500.000	500.000
4) L1 1254 {3}	7.75	7.77	268.7E6	320.5E6	500.000	500.000
5) L1 1254 {4}	7.93	8.11	279.4E6	271.2E6	500.000	500.000
6) L1 1254 {5}	8.50	8.56	178.3E6	287.5E6	500.000	500.000
Sum 1254			978.6E6	1233.3E6	2500.000	2500.000
Average 1254					500.000	500.000

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

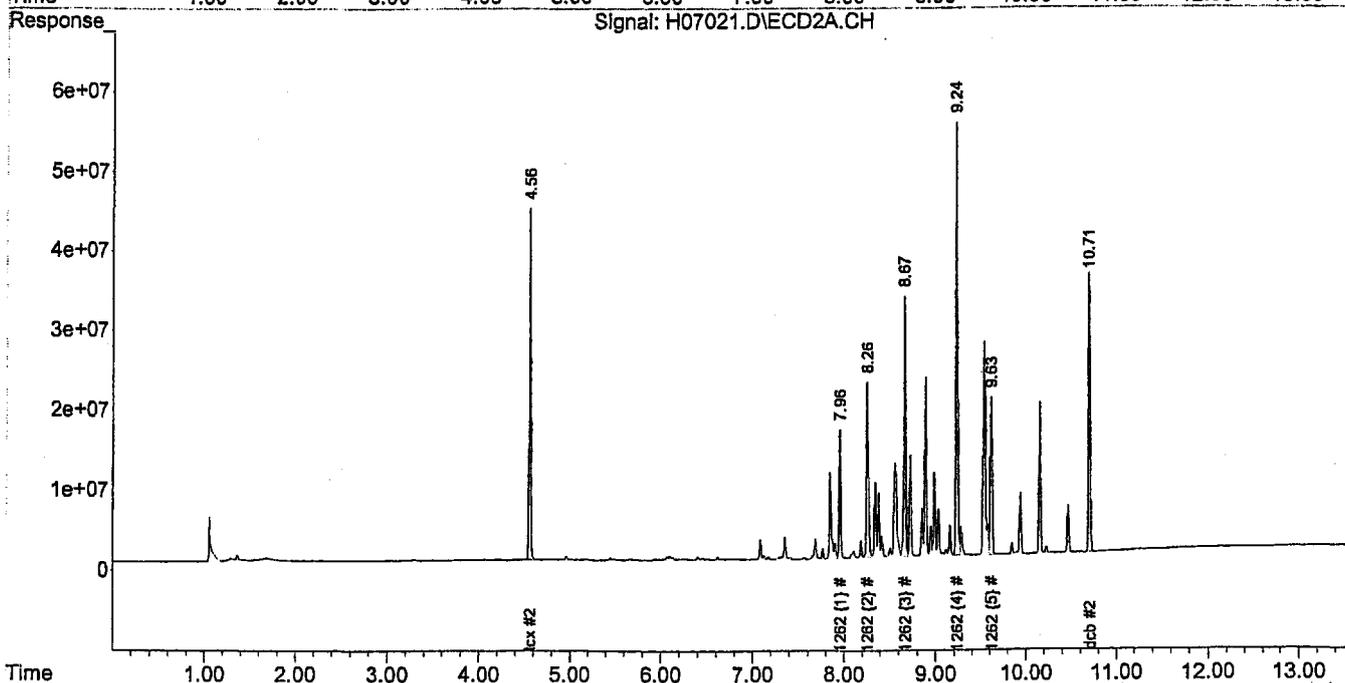
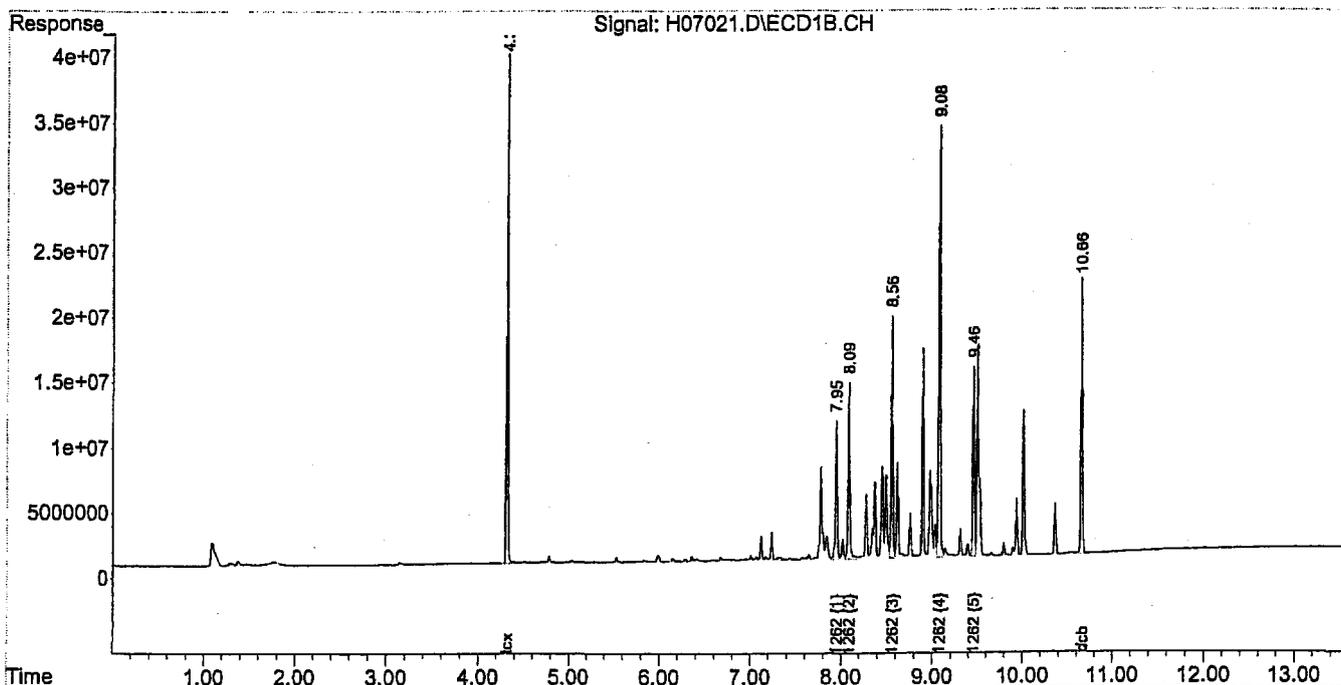
cal 8.8.05

Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07021.D
 Acq On : 07 Aug 2005 15:39
 Sample : 5H07003-CALE
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5010284 1262

Operator: eg
 Inst : ECD-6
 Multiplr: 1.00

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.E
 Quant Method : C:\MSDCHEM\2\METHODS\62H0705.M
 Quant Title : Method 8082 - 1262 1pt Calibration
 Quant Time: Aug 08 13:12:30 2005
 QLast Update : Mon Aug 08 13:12:21 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07021.D
 Acq On : 07 Aug 2005 15:39 Operator: eg
 Sample : 5H07003-CALE Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5010284 1262 Multiplr: 1.00

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.E
 Quant Method : C:\MSDCHEM\2\METHODS\62H0705.M
 Quant Title : Method 8082 - 1262 1pt Calibration
 Quant Time: Aug 08 13:12:30 2005
 QLast Update : Mon Aug 08 13:12:21 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
1) s tcx	4.32	4.57	442.9E6	517.7E6	50.000	50.000
7) s dcb	10.66	10.71	286.2E6	461.4E6	50.000	50.000
Target Compounds						
2) L1 1262 {1}	7.95	7.96	147.2E6	204.0E6	500.000	500.000
3) L1 1262 {2}	8.09	8.26	186.5E6	320.4E6	500.000	500.000
4) L1 1262 {3}	8.56	8.67	239.1E6	427.3E6	500.000	500.000
5) L1 1262 {4}	9.08	9.24	430.9E6	733.2E6	500.000	500.000
6) L1 1262 {5}	9.46	9.63	193.7E6	304.6E6	500.000	500.000
Sum 1262			1197.4E6	1989.4E6	2500.000	2500.000
Average 1262					500.000	500.000

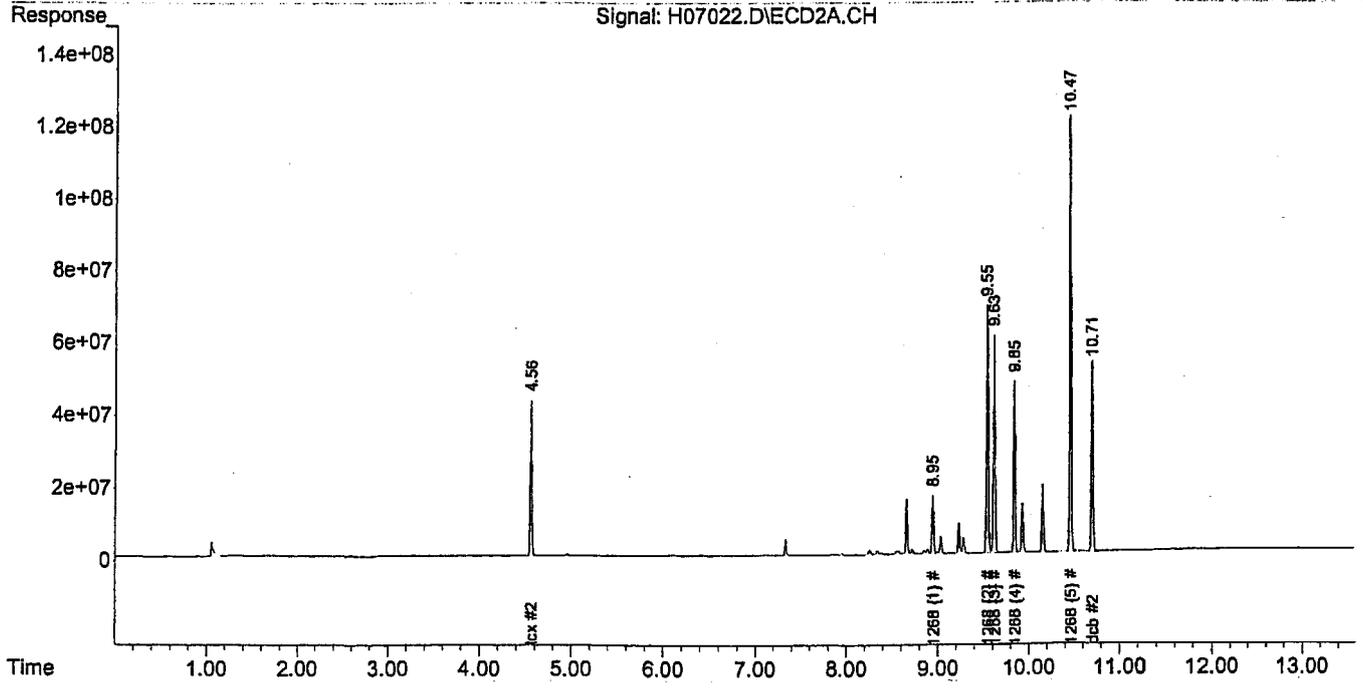
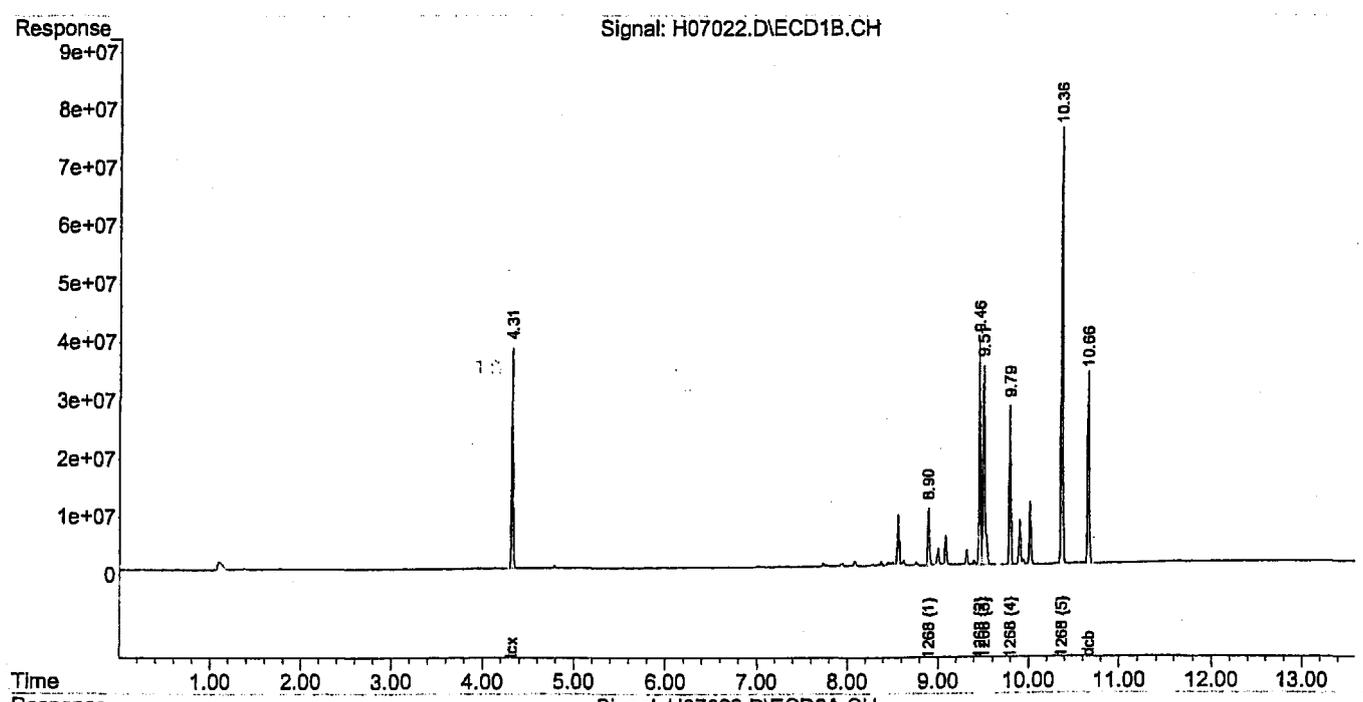
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

cm 8.8.05

Data Path : C:\MSDCHEM\2\DATA\080705\
Data File : H07022.D
Acq On : 07 Aug 2005 15:57 Operator: eg
Sample : 5H07003-CALF Inst : ECD-6
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Misc : 1x 5010285 1268 Multiplr: 1.00

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.E
Quant Method : C:\MSDCHEM\2\METHODS\68H0705.M
Quant Title : Method 8082 - 1268 lpt Calibration
Quant Time: Aug 08 13:13:22 2005
QLast Update : Mon Aug 08 13:13:13 2005
Response via : Initial Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\2\DATA\080705\
 Data File : H07022.D
 Acq On : 07 Aug 2005 15:57 Operator: eg
 Sample : 5H07003-CALF Inst : ECD-6
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Misc : 1x 5010285 1268 Multiplr: 1.00

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.E
 Quant Method : C:\MSDCHEM\2\METHODS\68H0705.M
 Quant Title : Method 8082 - 1268 1pt Calibration
 Quant Time: Aug 08 13:13:22 2005
 QLast Update : Mon Aug 08 13:13:13 2005
 Response via : Initial Calibration

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
1) s tcx	4.31	4.57	430.6E6	513.1E6	50.000	50.000
7) s dcb	10.66	10.71	434.1E6	714.8E6	50.000	50.000
Target Compounds						
2) L1 1268 {1}	8.90	8.96	137.6E6	212.9E6	500.000	500.000
3) L1 1268 {2}	9.46	9.55	482.2E6	879.7E6	500.000	500.000
4) L1 1268 {3}	9.51	9.63	497.8E6	835.8E6	500.000	500.000
5) L1 1268 {4}	9.79	9.85	352.9E6	615.6E6	500.000	500.000
6) L1 1268 {5}	10.36	10.47	959.5E6	1556.5E6	500.000	500.000
Sum 1268			2429.9E6	4100.6E6	2500.000	2500.000
Average 1268					500.000	500.000

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

ccm 8.8.05

Instrument: FCD 6 Date: 8/29/05

Analyst: [Signature] Date: 8/29/05

Reviewer: _____ Date: 08/29/05 **5H29033**

Data Package? Yes / No

PREPARATION BENCH SHEET

North Creek Analytical - Bothell

Printed: 8/29/2005 8:11:20PM

Matrix: Soil Prepared using: Extractions - EPA 3550B Surrogate used: 5060222

Lab Number	Analysis	Prepared	Initial (g)	Final (ml)	Spike ID	Source ID	ul Spike	ul Surrogate	Final Vol	Spike	Extraction Comments
5H29033-BLK1	QC	08/29/05 10:26	30	5				100			
5H29033-BS1	QC	08/29/05 10:26	30	5	5020219		1000	100			
5H29033-BSD1	QC	08/29/05 10:26	30	5	5020219		1000	100			
5H29033-MS1	QC	08/29/05 10:26	30.2	5	5020219	B5H0591-01	1000	100			
5H29033-MSD1	QC	08/29/05 10:26	30.4	5	5020219	B5H0591-01	1000	100			
B5H0591-01	8082 COE-AK	08/29/05 10:26	29.9	5				100			Added for BatchQC in: 5H29033
B5H0591-01: BatchQC											
B5H0591-01	[Redacted] 8082 PCB	08/29/05 10:26	29.9	5				100			
B5H0591-02	[Redacted] 8082 PCB	08/29/05 10:26	29.8	5				100			
B5H0591-03	[Redacted] 8082 PCB	08/29/05 10:26	30.3	5				100			
B5H0591-04	[Redacted] 8082 PCB	08/29/05 10:26	29.6	5				100			
B5H0591-05	[Redacted] 8082 PCB	08/29/05 10:26	29.6	5				100			
B5H0591-06	[Redacted] 8082 PCB	08/29/05 10:26	30	5				100			
B5H0591-07	[Redacted] 8082 PCB	08/29/05 10:26	30.5	5				100			
B5H0591-08	[Redacted] 8082 PCB	08/29/05 10:26	29.7	5				100			
B5H0591-09	[Redacted] 8082 PCB	08/29/05 10:26	30.2	5				100			
B5H0640-01	8082 COE-AK	08/29/05 10:26	30.2	5				100			MDL rpt; upload by sequence; USACE
B5H0640-01: MDL rpt; upload by sequence; USACE-AK CLs											
B5H0640-02	8082 COE-AK	08/29/05 10:26	30.4	5				100			MDL rpt; upload by sequence; USACE
B5H0640-02: MDL rpt; upload by sequence; USACE-AK CLs											

start: 08/29/05 finish: 08/29/05 1:1 MeCl2:Acetone: 082205 & 082305 NaSO4: 082205 Hexane: 050139 H2SO4: 3103091 sonicators tuned

Spiking Witness: [Signature] By _____ Date _____ Preparation Reviewed By _____ Date _____ Extracts Received By _____ Date _____

PREPARATION BENCH SHEET

5H29033

North Creek Analytical - Bothell

Printed: 8/29/2005 10:27:23AM

Matrix: Soil

Prepared using: Extractions - EPA 3550B

Surrogate used: 5060222

Lab Number	Analysis	Prepared	Initial (g)	Final (ml)	Spike ID	Source ID	ul Spike	ul Surrogate	Final Initial Vol	Spike	Extraction Comments
5H29033-BLK1	QC	08/29/05 10:26	30	5				100	100		
5H29033-BS1	QC	08/29/05 10:26	30	5	5020219 ✓		1000	100			
5H29033-BSD1	QC	08/29/05 10:26	30	5	5020219		1000	100			
5H29033-MS1	QC	08/29/05 10:26	30.2	5	5020219	591-01	1000	100			
5H29033-MSD1	QC	08/29/05 10:26	30.4	5	5020219	591-01	1000	100			
B5H0591-01	████████ 8082 PCB	08/29/05 10:26	29.9 30	5				100			
B5H0591-02	████████ 8082 PCB	08/29/05 10:26	29.8 30	5				100			
B5H0591-03	████████ 8082 PCB	08/29/05 10:26	30.3	5				100			
B5H0591-04	████████ 8082 PCB	08/29/05 10:26	29.6 30	5				100			
B5H0591-05	████████ 8082 PCB	08/29/05 10:26	29.6 30	5				100			
B5H0591-06	████████ 8082 PCB	08/29/05 10:26	30.0	5				100			
B5H0591-07	████████ 8082 PCB	08/29/05 10:26	30.5	5				100			
B5H0591-08	████████ 8082 PCB	08/29/05 10:26	29.7 30	5				100			
B5H0591-09	████████ 8082 PCB	08/29/05 10:26	30.0	5				100			
B5H0591-13	████████ 8082 PCB	08/29/05 10:26	30	5				100			
B5H0640-01	8082 COE-AK	08/29/05 10:26	30.2	5				100			MDL rpt; upload by sequence; USACE
B5H0640-01: MDL rpt; upload by sequence; USACE-AK CLs											
B5H0640-02	8082 COE-AK	08/29/05 10:26	30.4	5				100			MDL rpt; upload by sequence; USACE
B5H0640-02: MDL rpt; upload by sequence; USACE-AK CLs											

082205 PM

start: 08/29/05 finish: 08/29/05 1:1 MeCl2:Acetone: 082205 & 082305 NaSO4: 082005 Hexane: 050139 H2SO4: 3103091 sonicators tuned

[Signature]
Spiking Witness

08/29/05
Date

Preparation Reviewed By

Date

Extracts Received By

Date

PREPARATION BENCH SHEET

5H30067

North Creek Analytical - Bothell

Printed: 9/9/2005 1:45:03PM

Matrix: Soil Prepared using: Wet Chem - General Preparation (No Surrogate)

Lab Number	Analysis	Prepared	Initial (g)	Final (ml)	Spike ID	Source ID	ul Spike	ul Surrogate	Final Initial	Final Vol	Final Spike	Extraction Comments
5H30067-BLK1	QC	08/30/05 16:30	5	5								
B5H0060-12	Dry Weight	08/30/05 16:30	5	5								
B5H0060-45	Dry Weight	08/30/05 16:30	5	5								
B5H0060-49	Dry Weight	08/30/05 16:30	5	5								
B5H0507-30	Dry Weight	08/30/05 16:30	5	5								
B5H0507-31	Dry Weight	08/30/05 16:30	5	5								
B5H0507-32	Dry Weight	08/30/05 16:30	5	5								
B5H0521-01	Dry Weight	08/30/05 16:30	5	5								
B5H0521-05	Dry Weight	08/30/05 16:30	5	5								
B5H0521-09	Dry Weight	08/30/05 16:30	5	5								
B5H0521-10	Dry Weight	08/30/05 16:30	5	5								
B5H0521-16	Dry Weight	08/30/05 16:30	5	5								
B5H0521-28	Dry Weight	08/30/05 16:30	5	5								
B5H0640-01	Dry Weight	08/30/05 16:30	5	5								
B5H0640-02	Dry Weight	08/30/05 16:30	5	5								
B5H0647-01	Dry Weight	08/30/05 16:30	5	5								
B5H0668-01	Dry Weight	08/30/05 16:30	5	5								
B5H0668-02	Dry Weight	08/30/05 16:30	5	5								
B5H0668-03	Dry Weight	08/30/05 16:30	5	5								
B5H0668-04	Dry Weight	08/30/05 16:30	5	5								
B5H0668-05	Dry Weight	08/30/05 16:30	5	5								

Spiking Witnessed By _____ Date _____

Preparation Reviewed By _____ Date _____

Extracts Received By _____ Date _____

B5H0640

North Creek Analytical - Bothell

Client: USACE - Alaska Project: Northeast Cape White Alice BDDR Removal	Project Manager: Kate Haney Project Number: 04-036
--	---

Report To:
 USACE - Alaska
 Julie Sharp-Dahl
 PO Box 6898, Building 2212 Third Street
 Elmendorf AFB, AK/USA 99506-6898
 Phone: (907) 753-5689
 Fax: 907-753-2636

Invoice To:
 USACE - Alaska
 Julie Sharp-Dahl
 PO Box 6898, Building 2212 Third Street
 Elmendorf AFB, AK/USA 99506-6898
 Phone : (907) 753-5689
 Fax: 907-753-2636

Date Due: 09/02/05 17:00 (5 day TAT)	
Received By: Colette Weaver	Date Received: 08/26/05 10:40
Logged In By: Colette Weaver	Date Logged In: 08/26/05 16:07

Samples Received at	12.5°C
Custody Seals Pres	Yes
Received On Ice	Yes
Containers Intact	Yes
COC/Labels Agree	No
Preservation Confin	No

Analysis	Due	TAT	Expires	Comments
B5H0640-01 05NEC31SL12 [Soil] Sampled 08/15/05 11:20 Alaskan				
8082 COE-AK	09/01/05 17:00	5	08/29/05 12:20	MDL rpt; upload by sequence; USACE-AK CLs
Data Pkg-Organics	09/12/05 17:00	10	02/11/06 12:20	
Dry Weight	09/01/05 17:00	5	09/12/05 12:20	
B5H0640-02 05NECAFSL24 [Soil] Sampled 08/17/05 13:30 Alaskan				
8082 COE-AK	09/01/05 17:00	5	08/31/05 14:30	MDL rpt; upload by sequence; USACE-AK CLs
Data Pkg-Organics	09/12/05 17:00	10	02/13/06 14:30	
Dry Weight	09/01/05 17:00	5	09/14/05 14:30	

WORK ORDER
North Creek Analytical - Bothell
B5H0640

Client: USACE - Alaska ✓ Project: Northeast Cape White Alice BDDR Removal	Printed: 08/26/05 16:18:01 ✓ Project Number: 04-036 ✓
--	--

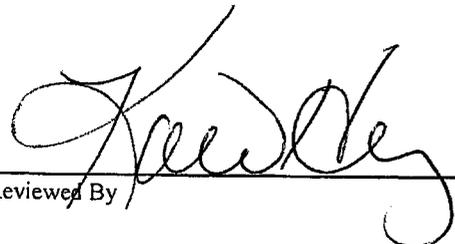
Report To: USACE - Alaska Julie Sharp-Dahl PO Box 6898, Building 2212 Third Street Elmendorf AFB, AK/USA 99506-6898 Phone: (907) 753-5689 Fax: 907-753-2636	Invoice To: USACE - Alaska Julie Sharp-Dahl PO Box 6898, Building 2212 Third Street Elmendorf AFB, AK/USA 99506-6898 Phone : (907) 753-5689 Fax: 907-753-2636
--	--

Project Manager: Kate Haney Received By: Colette Weaver Logged In By: Colette Weaver	Date Due: 09/02/05 17:00 (5 day TAT) ✓ Date Received: 08/26/05 10:40 ✓ Date Logged In: 08/26/05 16:07
---	--

Samples Received at: 12.5°C ✓ All containers intact: Yes Sample labels/COC agree: No Preservation Confirmed Upon Receipt: No Custody Seals Present: Yes	<div style="font-size: 2em; font-family: cursive;"> SRN 8/26/05 IBCW </div>
--	--

Analysis	Due	TAT	Expires	Comments
B5H0640-01 05NEC318LSL12 ✓	Soil ✓		Sampled:08/15/05 11:20 ✓	
8082 COE-AK ✓	09/01/05 17:00	5	08/29/05 12:20	MDL rpt; upload by sequence; USACE-AK CLs
Data Pkg-Organics	09/12/05 17:00	10	02/11/06 12:20	
Dry Weight	09/01/05 17:00	5	09/12/05 12:20	
B5H0640-02 05NEC318LSL24 ✓	Soil ✓		Sampled:08/17/05 13:30 ✓	
8082 COE-AK ✓	09/01/05 17:00	5	08/31/05 14:30	MDL rpt; upload by sequence; USACE-AK CLs
Data Pkg-Organics	09/12/05 17:00	10	02/13/06 14:30	
Dry Weight	09/01/05 17:00	5	09/14/05 14:30	

EXTRACTIONS


 Reviewed By _____ Date 8/30/05

NORTH CREEK ANALYTICAL SAMPLE RECEIPT FORM

(Army Corp. compliant)

Client: USACE COC # NEC-18

1. Please sign for receipt and opening of: Cooler _____ Other: _____
By (print) Colette Weaver (sign) Colette Weaver
2. Date cooler received 08/26/05 Date cooler opened: Same or 1/1
3. Delivered by NCA courier Fed-Ex UPS Express Mess. Client Other
Air bill # if applicable 0167 2171 (Put copy of shipping papers, etc. in file)
4. There were 2 custody seals present, signed by Larry Peder date 08/24/05
5. Were custody seals unbroken and intact at the date and time of arrival? yes no
6. Was ice used? yes no Type of ice: blue ice gel ice real ice dry ice
Temperature (degrees C) 11.9 Raytek Thermometer 12.5 Digi-Thermo (probe for temp. blank)
7. Were samples screened for radioactivity using the Geiger Counter? yes no
Background average counts per minute: 10 Samples counts per minute: 13
8. Are custody papers sealed in a plastic bag and taped inside to the lid? yes no
9. Were custody papers filled out properly (ink, signed in appropriate places, etc.)? yes no
If "no" please specify: _____
10. Was project identifiable from custody papers? yes no
Name of the project _____ (if applicable)
11. Initial and date for unpacking of cooler: CW (initials) date 08/26/05 paper towel
12. Packing in cooler: bubble wrap/bag styrofoam cardboard other
13. Were all containers sealed in separate plastic bags? yes no
14. Did all containers indicated on the COC arrive? yes no
If "no" please indicate which containers were absent _____
15. Were all containers unbroken and labels in good condition? yes no
If "no" please indicate which containers _____
16. Were all bottle labels complete (ID, date, time, signature, etc.)? yes no
Do the ID's, times, etc. agree with the COC? yes no
If "no" please indicate which containers both containers
17. Were samples received in proper containers for the indicated analysis? yes no
Are containers properly preserved for the indicated analysis? yes no
Is there adequate volume for the indicated analysis? yes no
18. If voa vials were submitted, are they free of bubbles? N/A yes no
If "no" please indicate which containers _____
19. Log-in Phase: Date samples were logged in: 08/26/05 Element Project # B5H0640
20. Logged in by (print) Colette Weaver (sign) Colette Weaver
21. Was the project manager notified of status? (Use back of form as a record) yes no

Project communication record:

Who was called? _____ By whom? _____ (date) ___/___/___

Topic of discussion:

Record of discussion:

Resolution:

Project communication record:

Who was called? _____ By whom? _____ (date) ___/___/___

Topic of discussion:

Record of discussion:

Resolution:

Project communication record:

Who was called? _____ By whom? _____ (date) ___/___/___

Topic of discussion:

Record of discussion:

Resolution:

Additional Comments:

TAT: 5

Short Hold: _____

Non-Conformances?
Circle Y or N
(If Y, see other side)

NCA SAMPLE RECEIPT CHECKLIST

Received By: _____ Checked-in By: _____ Cooler ID: _____ (____ of ____)

Date: 08-26-05 Date: 08-26-05 Work Order No. B5H0640
 Time: 1040 Time: 1549 Client: USACE - Alaska
 Initials: CW Initials: CW Project: Northeast Cape White Area BDDR

Container Type: _____ COC Seals: _____ Packing Material: _____

Cooler Ship. Container Bubble Bags
 Box _____ Foam Packs
 Other _____ Styrofoam
 None _____ Other _____
 None _____ None _____

Refrigerant: _____ Received Via: 0167 2171

Gel Ice Pack melted _____ Fed Ex _____ Client _____
 Loose Ice _____ UPS _____ Courier Christina
 None/Other _____ _____ DHL _____ Other Goldstreak

Cooler Temperature (IR Digital): 12.5°C (Frozen filters, Tedlars and aqueous Metals exempt) CA#: 1
 Temperature Blank? Y or N @ 1150W

Sample Containers:		ID	CA#	Soil VOAs: Headspace?	Y or N	ID	CA#
Intact?	<input checked="" type="radio"/> Y or N	_____	_____	Water VOAs: Headspace?	Y or N	_____	_____
Correct Type?	<input checked="" type="radio"/> Y or N	_____	_____	Preserved?	Y or N	_____	_____
Adequately Labeled? (ID, date and time)	<input checked="" type="radio"/> Y or <input checked="" type="radio"/> N	_____	<u>2</u>				
#Containers match COC?	<input checked="" type="radio"/> Y or N	_____	_____				
IDs/time/date match COC?	<input checked="" type="radio"/> Y or <input checked="" type="radio"/> N	_____	<u>2</u>				
Properly Preserved?	<input checked="" type="radio"/> Y or N	_____	<u>SDIL</u>				
Adequate Volume? (for tests requested)	<input checked="" type="radio"/> Y or <input checked="" type="radio"/> N	_____	<u>3</u>				

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N

Is client information in ELEMENT accurate? Address? Y or N
 Phone #? Y or N
 PM? Y or N

Is project information in ELEMENT accurate? Proj. Name? Y or N
 Proj. #? Y or N
 Contact? Y or N
 Bid/Prices? Y or N
 Invoice info? Y or N
 Tax info? Y or N
 Analyses? Y or N

Has client been contacted regarding non-conformances? Y or N If Y, _____ / _____
 Date Time

PM Initials: llh Date: 8/26/05 Time: 1750

Non-Conformances?
Circle Y or N
(If Y, see other side)

NCA Sample Receiving Corrective Action Form

Date: 08-26-05
Time: 1040
Initials: CW

Cooler ID: _____ (____ of ____)
Work Order No. B
Client: _____
Project: _____

Describe Corrective Action: (Reference CA# from Sample Receipt Checklist next to CA below and/or describe CA in comment section)

CA # _____	CA # _____	CA # _____
Salvaged Sample	Replaced Bottle	Replaced Lid
Verified ID w/client	Notified PM	Notified Client
Preserved Sample w/ _____	from Lot#/Reagent ID _____	
Preserved Sample w/ _____	from Lot#/Reagent ID _____	

Cooler Temp: 12.5 °C (Frozen filters, Tedlars and aqueous Metals exempt) CA#: 1 Select either comment below

Comment: Samples were received outside the recommended temperature range (4°C±2°C). Samples were received on-ice, within 4 hours of collection, but may not have had sufficient time to equilibrate. A temperature range from ambient to 2°C is considered acceptable. The samples will be analyzed as scheduled unless otherwise directed by the client.

Comment: Samples were received outside the recommended temperature range (4°C±2°C). The COC was stamped with "Samples were not received @ 2-6°C upon receipt." The samples will be analyzed as scheduled unless otherwise directed by the client.

Comments or Other Actions Taken:

→ Samples were sent to the Bethel, AK Airport on 8/25/05. Redirected by goldstreak @ Bethel to Seattle on 8/25/05. Arrived in Seattle 8/26/05

#2 - COC says 05NEC31SLSL12 & 05NEC31SLSL24 containers says 05NEC31SL12 and 05NECAF SL24, logged in according to COC
#3 - Containers for both samples are only about 1/4 full, logged in with the comments limited sample volume.

Reviewed and approved by: _____

[Signature]
PM Signature

8/26/05
Date

CHAIN OF CUSTODY RECORD

PSH 0640

NCA LABORATORY

11720 Northcreek Parkway N, Suite 400 Bothell, WA 98011 (206) 920-5232

COC# NEC-18

PAGE 1 OF 1

Contact: Julie Sharp-Dahl Phone No: 907-753-5689

Project: 25037 NE Cape

Reports To:
Julie Sharp-Dahl
P.O. Box 6898
Building 2212 43rd Street
Elmendorf AFB, AK 99506

LAB NO	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type C= COMP D= discrete	PCB 8082	72-hour TAT	Composite sample name	Remarks
	05NEC31SL12	8/15/05	1120	SL	1	D	X	--	--	Note corrected sample id <i>-01</i>
	05NECAFSL24	8/17/05	1330	SL	1	D	X	--	--	Note corrected sample id <i>-02</i>
	End of Project (Last COC)	--	--	--	--	--	--	--	--	
							--	--	--	
							--	--	--	
	Revised Chain of Custody						--	--	--	
							--	--	--	
							--	--	--	
							--	--	--	
							--	--	--	

Collected/Relinquished By: (1)	Date	Time	Received By:	Shipping Carrier:	Temperature C:
Collected/Relinquished By: (2)	Date	Time	Received By:	Shipping Ticket No:	Chain of Custody Seal (Circle)
Collected/Relinquished By: (3)	Date	Time	Received By:	Data Deliverables: USACE data deliverables requested; SEDD and COELT EDDs requested	INTACT - BROKEN ABSENT
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:	Requested Turnaround Time and Special Instructions:	
				NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	COE Project #: 04-036

B5H0640

CHAIN OF CUSTODY RECORD

NCA LABORATORY

11720 Northcreek Parkway N, Suite 400 Bothell, WA 98011 (206) 920-5232

COC# NEC-18

PAGE 1 OF 1

Contact: Julie Sharp-Dahl Phone No: 907-753-5689

Project: 25037 NE Cape

Reports To:
Julie Sharp-Dahl
P.O. Box 6898
Building 2212 43rd Street
Elmendorf AFB, AK 99506

No. JARS

Sample Type
C= COMP
D= discrete

PCB 8082

72-hour TAT

Composite sample name

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
	05NEC31SLSL12	8/15/05	1120	SL	1	D	X	--	--	-01
	05NEC31SLSL24	8/17/05	1330	SL	1	D	X	--	--	-02
	End of Project (Last COC)	--	--	--	--	--	--	--	--	

Collected/Relinquished By: (1) <i>Larry W. Dale</i>	Date 8/24/05	Time 1545	Received By: Colette Weaver Colette Weaver	08/26/05 1040	Shipping Carrier: Shipping Ticket No:	Samples were not @2-6c upon receipt!	Temperature C: 125.2
Collected/Relinquished By: (2)	Date	Time	Received By:		Data Deliverables: USACE data deliverables requested; SEDD and COELT EDDs requested		Chain of Custody Seal: (Circle) <input checked="" type="radio"/> INTACT <input type="radio"/> BROKEN <input type="radio"/> ABSENT
Collected/Relinquished By: (3)	Date	Time	Received By:		Requested Turnaround Time and Special Instructions:		
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:		NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp		

COE Project #: 04-036

SGS Environmental

CUSTODY SEAL

Signature: *Ferry W. Peller*

Date/Time: *8/24/05 1545*

SGS Environmental

CUSTODY SEAL

Signature: *Ferry W. Peller*

Date/Time: *8/24/05 1545*

Gold Streak
Alaska Airlines

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline | Origin | AIR WAYBILL Number
027- | AN 4 | 0167 2171

From Shipper:
UNITED STATES GOVERNMENT

Address:
ANCHORAGE INT'L AIRPORT

City: ANCHORAGE State: AK Zip Code: 99502

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature: [Signature] Date: 8/24/05

Domestic International

Insured Value: Declared Value For Customs:

Airport of Departure: First Carrier: Airport of Destination:

Nature and Quantity of Goods:
KEEP COOL - 1 BOX

Handling Information:

To Consignee: (Complete Consignee information required on package)
N. McCracken Alaska Airlines Kate Hickey

Address: 11720 Northway 7th Floor Anchorage, AK 99502
City: Anchorage State: AK Zip Code: 99502

Consignee's Printed Name-Signature: [Signature] Time: a.m. / p.m. Date:

Airline | Origin | AIR WAYBILL Number
027- | | 0167 2171

Gold Streak
Alaska Airlines

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Total Pieces: 1
Total Weight: 10

Form of Payment:
 Cash Check GBL - Attach GBL
 AS / QX Account Number: 5618 2742 25101 25037
 Credit Card Number:

Validata Approval: 241017
(Required for all except cash and GBL)
CHECK ONE ONLY

AIRPORT TO AIRPORT SERVICE

PICKUP ONLY DELIVERY ONLY DOOR TO DOOR

Executed By: Date/Time
LN 24 AUG 05 1630 p.m.

Carrier	Flight	Destination	E.T.A.
AS	45	BET	1142

Remarks:

MULTIPLE PIECES FOR AS FLIGHTS ONLY
Please If Live Animal

PCS	WG RANGE	RATE	CHARGE
	GSX LETTER		
1	1-15		
	16-50		50.00
	51-70		
	71-100		

Subtotal Charges:

AS COURIER CHARGES:

Other Charges:

1st Carrier

2nd Carrier

3rd Carrier

Fax (Offline only)

Pickup (NON AS COURIER)

Delivery (NON AS COURIER)

Special Service

Insurance

TOTAL: 50.00

Door-To-Door Service: (800) 634-7113

2. Consignee Memo

Laboratory Report Project Overview

EDF 1.2a

Laboratory:	North Creek Analytical, Bothell, WA
Lab Report Number:	B5H0640
Project Name:	Northeast Cape White Alic
Work Order Number:	04-036
Control Sheet Number:	CSN081505

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
B5H0640	05NEC31SL12	B5H0640-01	SO	CS	E160.3M	NONE	08/15/05	08/30/05	08/31/05	5H30067	1
B5H0640	05NEC31SL12	B5H0640-01	SO	CS	SW8082	SW3550B	08/15/05	08/29/05	08/30/05	5H29033	1
B5H0640	05NECAFSL24	B5H0640-02	SO	CS	E160.3M	NONE	08/17/05	08/30/05	08/31/05	5H30067	1
B5H0640	05NECAFSL24	B5H0640-02	SO	CS	SW8082	SW3550B	08/17/05	08/29/05	08/30/05	5H29033	1
		B5H0591-01	SO	NC	SW8082	SW3550B	//	08/29/05	08/30/05	5H29033	1
		5H29033-BSD1	SQ	BD1	SW8082	SW3550B	//	08/29/05	08/30/05	5H29033	1
		5H29033-BS1	SQ	BS1	SW8082	SW3550B	//	08/29/05	08/30/05	5H29033	1
		5H29033-BLK1	SQ	LB1	SW8082	SW3550B	//	08/29/05	08/30/05	5H29033	1
		5H30067-BLK1	SQ	LB1	E160.3M	NONE	//	08/30/05	08/31/05	5H30067	1
		5H29033-MS1	SO	MS1	SW8082	SW3550B	//	08/29/05	08/30/05	5H29033	1
		5H29033-MSD1	SO	SD1	SW8082	SW3550B	//	08/29/05	08/30/05	5H29033	1

Project Name: Northeast Cape White Alic		Analysis: Polychlorinated Biphenyls (PCBs) by Gas				
Project No: 04-036		Method: SW8082				
		Prep Meth: SW3550B				
Field ID: 05NEC31SL12		Lab Samp ID: B5H0640-01				
Descr/Location: DP		Rec'd Date: 08/26/05				
Sample Date: 08/15/05		Prep Date: 08/29/05				
Sample Time: 1120		Analysis Date: 08/30/05				
Matrix: Soil		QC Batch: 5H29033				
Basis: Dry		Notes:				
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
PCB-1016 (Aroclor 1016)	3.48	25.0 PQL	U	ND	UG/KG	1
PCB-1221 (Aroclor 1221)	13.3	50.0 PQL	U	ND	UG/KG	1
PCB-1232 (Aroclor 1232)	5.76	25.0 PQL	U	ND	UG/KG	1
PCB-1242 (Aroclor 1242)	2.08	25.0 PQL	U	ND	UG/KG	1
PCB-1248 (Aroclor 1248)	1.78	25.0 PQL	U	ND	UG/KG	1
PCB-1254 (Aroclor 1254)	1.49	25.0 PQL	U	ND	UG/KG	1
PCB-1260 (Aroclor 1260)	0.870	25.0 PQL	U	ND	UG/KG	1
PCB-1262 (Aroclor 1262)	1.46	25.0 PQL	U	ND	UG/KG	1
PCB-1268 (Aroclor 1268)	6.20	25.0 PQL	U	ND	UG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Decachlorobiphenyl		40-140 SLSA		97.7%		1
2,4,5,6-Tetrachloro-meta-xylene		40-140 SLSA		90.1%		1
U: EPA Flag - Compound was analyzed for, but was not detected						

Approved by: _____



Date: _____

09/09/05

Project Name: Northeast Cape White Alic		Analysis: Polychlorinated Biphenyls (PCBs) by Gas				
Project No: 04-036		Method: SW8082				
		Prep Meth: SW3550B				
Field ID: 05NECAFSL24	Lab Samp ID: B5H0640-02					
Descr/Location: DP	Rec'd Date: 08/26/05					
Sample Date: 08/17/05	Prep Date: 08/29/05					
Sample Time: 1330	Analysis Date: 08/30/05					
Matrix: Soil	QC Batch: 5H29033					
Basis: Dry	Notes:					
Analyte	Det Limit	Rep Limit	Note	Result	Units	Pvc Dil
PCB-1016 (Aroclor 1016)	3.48	25.0	PQL U	ND	UG/KG	1
PCB-1221 (Aroclor 1221)	13.3	50.0	PQL U	ND	UG/KG	1
PCB-1232 (Aroclor 1232)	5.76	25.0	PQL U	ND	UG/KG	1
PCB-1242 (Aroclor 1242)	2.08	25.0	PQL U	ND	UG/KG	1
PCB-1248 (Aroclor 1248)	1.78	25.0	PQL U	ND	UG/KG	1
PCB-1254 (Aroclor 1254)	1.49	25.0	PQL U	ND	UG/KG	1
PCB-1260 (Aroclor 1260)	0.870	25.0	PQL U	166	UG/KG	1
PCB-1262 (Aroclor 1262)	1.46	25.0	PQL U	ND	UG/KG	1
PCB-1268 (Aroclor 1268)	6.20	25.0	PQL U	ND	UG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:						
Decachlorobiphenyl		40-140	SLSA	99.9%		1
2,4,5,6-Tetrachloro-meta-xylene		40-140	SLSA	88.9%		1
U: EPA Flag - Compound was analyzed for, but was not detected						

Approved by: _____

Date: _____

North Creek Analytical, Bothell, WA

Lab Report No.: B5H0640 Date: 09/01/05

Page: 3

Project Name: Northeast Cape White Alic				Project No: 04-036						
Field ID: 05NEC31SL12		Sample Date: 08/15/05		Basis: Wet						
Descr/Location: DP		Sample Time: 1120		Matrix: Soil						
Lab Samp ID: B5H0640-01										
Analyte	Detection Limit	Reporting Limit	Note	Result	Units	Dil	Prep Method	Analysis Method	Analysis Date	QC Batch
Solids, Percent	NA	NA		84.9	PERCE	ww 1	NONE	E160.3M	08/31/05	5H30067

Approved by: _____ Date: _____

North Creek Analytical, Bothell, WA

Lab Report No.: B5H0640 Date: 09/01/05

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Project Name: Northeast Cape White Alic				Project No: 04-036						
Field ID: 05NECAFSL24		Sample Date: 08/17/05		Basis: Wet						
Descr/Location: DP		Sample Time: 1330		Matrix: Soil						
Lab Samp ID: B5H0640-02										
Analyte	Detection Limit	Reporting Limit	Note	Result	Units	Dil	Prep Method	Analysis Method	Analysis Date	QC Batch
Solids, Percent	NA	NA		90.5	PERCE ww	1	NONE	E160.3M	08/31/05	5H30067

Approved by: _____ Date: _____

QA/QC Report Method Blank Summary

North Creek Analytical, Bothell, WA

Lab Report No.: B5H0640 Date: 09/01/05

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QC Batch: 5H29033 Matrix: Soil/Solid QC Lab Samp ID: 5H29033-BLK1 Analysis Date: 08/30/05 Basis: Dry	Analysis: Polychlorinated Biphenyls (PCBs) by Gas Method: SW8082 Prep Meth: SW3550B Prep Date: 08/29/05 Notes:						
Analyte	Det Limit	Rep Limit	PQL	Note	Result	Units	Pvc Dil
PCB-1016 (Aroclor 1016)	3.48	25.0	PQL	U	ND	UG/KG	1
PCB-1221 (Aroclor 1221)	13.3	50.0	PQL	U	ND	UG/KG	1
PCB-1232 (Aroclor 1232)	5.76	25.0	PQL	U	ND	UG/KG	1
PCB-1242 (Aroclor 1242)	2.08	25.0	PQL	U	ND	UG/KG	1
PCB-1248 (Aroclor 1248)	1.78	25.0	PQL	U	ND	UG/KG	1
PCB-1254 (Aroclor 1254)	1.49	25.0	PQL	U	ND	UG/KG	1
PCB-1260 (Aroclor 1260)	0.870	25.0	PQL	U	ND	UG/KG	1
PCB-1262 (Aroclor 1262)	1.46	25.0	PQL	U	ND	UG/KG	1
PCB-1268 (Aroclor 1268)	6.20	25.0	PQL	U	ND	UG/KG	1
SURROGATE AND INTERNAL STANDARD RECOVERIES:							
Decachlorobiphenyl		40-140	SLSA		102%		1
2,4,5,6-Tetrachloro-meta-xylene		40-140	SLSA		95.2%		1
U: EPA Flag - Compound was analyzed for, but was not detected							

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

North Creek Analytical, Bothell, WA

Lab Report No.: B5H0640 Date: 09/01/05

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<p>QC Batch: 5H29033 Matrix: Soil Lab Samp ID: 5H29033-MS1 Basis: Dry</p>	<p>Project Name: Lab Generated or Non COE Sample Project No.: Lab Generated or Non COE Sample Field ID: Lab Generated or Non COE Sample Lab Ref ID: B5H0591-01</p>
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Analyte	Analysis Method	Spike Level		Sample Result	Spike Result		Units	% Recoveries			Acceptance Criteria		
		MS	DMS		MS	DMS		MS	DMS	RPD	% Rec	RPD	
PCB-1016 (Aroclor 1016)	SW8082	96.6	96.	ND	93.8	90.7	UG/KG dw	97.1	94.5	2.7	140-40	MSA	35MSP
PCB-1260 (Aroclor 1260)	SW8082	96.6	96.	ND	90.8	88.8	UG/KG dw	94.0	92.5	1.6	140-40	MSA	35MSP
2,4,5,6-Tetrachloro-meta-xylene	SW8082	100.	100.	88.3	89.4	88.3	PERCENT dw	89.4	88.3	1.2	140-40	SLSA	NA
Decachlorobiphenyl	SW8082	100.	100.	87.2	87.2	85.9	PERCENT dw	87.2	85.9	1.5	140-40	SLSA	NA

QA/QC Report
Blank Spike/Duplicate Blank Spike Summary

North Creek Analytical, Bothell, WA

Lab Report No.: B5H0640 Date: 09/01/05

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QC Batch: 5H29033
 Matrix: Soil/Solid QC
 Lab Samp ID: 5H29033-BS1

Analyte	Analysis Method	Spike Level		Spike Result		Units	% Recoveries			Acceptance Criteria		
		LCS	LCD	LCS	LCD		LCS	LCD	RPD	%Rec	RPD	
PCB-1016 (Aroclor 1016)	SW8082	83.3	83.3	83.9	81.9	UG/KG dw	101	98.3	2.7	140-40	LSA	30LSP
PCB-1260 (Aroclor 1260)	SW8082	83.3	83.3	83.4	82.0	UG/KG dw	100	98.4	1.6	130-60	LSA	30LSP
2,4,5,6-Tetrachloro-meta-xylene	SW8082	100.	100.	91.8	91.9	PERCENT dw	91.8	91.9	0.11	140-40	SLSA	NA
Decachlorobiphenyl	SW8082	100.	100.	98.4	100.	PERCENT dw	98.4	100	1.6	140-40	SLSA	NA

QA/QC Report Method Blank Summary

North Creek Analytical, Bothell, WA

Lab Report No.: B5H0640 Date: 09/01/05

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QC Batch: 5H30067 Matrix: Soil/Solid QC Lab Samp ID: 5H30067-BLK1									
Analyte	Detection Limit	Reporting Limit	Note	Result	Units	Dil	Prep Method	Analysis Method	Analysis Date
Solids, Percent	NA	NA		100.	PERCENT	1	NONE	E160.3M	08/31/05

Code List

Code	Name
!	Out of control limits
1C	First Column Result - The Value Obtained from the First Column
2C	Second Column Result - The Value Obtained from the Second Column
<	Less Than
=	Equal To
>	Greater Than
AAC	American Analytics, Chatsworth, CA
AACS	Aspen Analytical, Colorado Springs, CO
ABCP	ABC Environmental Laboratories, Pico Rivera, CA
ACET	ACE Laboratories, Inc., Simi Valley, CA
ACTD	Accutest Mid-Atlantic, Dayton, NJ
ACTH	Accutest Gulfcoast, Houston, TX
ACTM	Accutest New England, Marlborough, MA
ACTO	Accutest Southeast, Orlando, FL
ACZ	ACZ Laboratories, Steamboat, CO
AEH	AEH
AEHA	Army Environmental Hygiene Agency (AEHA), APG, MD
AEIW	AN/EN Inc., Watsonville, CA
AELF	American Environmental Laboratories, Pensacola, FL
AENP	American Environmental Network, Portland, OR
AETB	American Environmental Testing Laboratory, Inc., Burbank, CA
ALAB	Associated Laboratories, Orange, CA
ALIC	AccuLabs, Inc., City of Industry, CA
ALID	AccuLabs, Inc., Davis, CA
ALPS	Alpha Analytical, Inc., Sparks, NV
ALPU	Alpha Analytical Laboratories, Ukiah, CA
ALTC	Alta Analytical Lab Incorporated, El Dorado Hills, CA
ALWM	A&L Western Laboratories, Inc., Modesto, CA
AMSC	AmeriSci Los Angeles, Carson, CA
APHC	Applied Physics & Chemistry Laboratory, Chino, CA
APPL	Agriculture & Priority Pollutants Laboratories, Fresno, CA
ARDL	Applied Research and Development Lab, Inc., (ARDL) Mt. Vernon, IL
ARGC	Argon Laboratories, Ceres, CA
ARI	Analytical Resources, Inc., Seattle, WA
ASCI	Analytical Sciences, Petaluma, CA
ASLL	American Scientific Laboratories, LLC, Los Angeles, CA
ATCA	Analytica Alaska, Inc., Anchorage, AK
ATCC	Analytica Environmental Labs, Inc., Thornton, CO
ATCJ	Analytica Alaska, Inc., Juneau, AK
ATEM	Asbestos TEM Laboratories, Berkeley, CA
ATIA	Analytical Technologies, Inc., Anchorage, AK
ATIR	Analytical Technologies, Inc., Renton, WA
ATIS	Analytical Technologies, Inc., San Diego, CA
ATLC	Air Technology Laboratories, City of Industry, CA
ATOX	Air Toxics LTD, Folsom, CA
AVTS	Advanced Technology Laboratories, Signal Hill, CA
AXYS	Axys Analytical Services, Ltd., Sidney, B.C., Canada
BAAP	Badger Army Ammunition Plant Env. Lab, Baraboo, WI
BASH	Baseline Analytical Services, Huntington Beach, CA
BAW	Bace Analytical, Windsor, CA
BCE	Brown & Caldwell Analytical Lab, Emeryville, CA
BCLB	BC Laboratories, Bakersfield, CA
BD	Blank Spike Duplicate

Code	Name
BDO	Battelle Duxbury Operations, Duxbury, MA
BLPH	Block Environmental Services, Pleasant Hill, CA
BLR	Basic Laboratory, Redding, CA
BMLA	Boreochem Mobile Lab & Analytical Services
BMSS	Battelle Marine Sciences Laboratory, Sequim, WA
BRS	Brelje & Race, Santa Rosa, CA
BS	Blank Spike
BSKL	BSK Laboratories, Inc., Fresno, CA
BVLB	BioVir Laboratories, Inc., Benicia, CA
CALA	Castle Analytical Laboratory, Atwater, CA
CALN	Caltest Analytical Laboratory, Napa, CA
CALR	Centrum Analytical Laboratories, Inc., Riverside, CA
CALS	Centrum Analytical Laboratories, Inc., Signal Hill, CA
CAPC	CAPCO Analytical Services, Inc., Ventura, CA
CASB	Columbia Analytical Services, Inc., Bothell, WA
CASD	Columbia Analytical Services, Inc., Redding, CA
CASH	Columbia Analytical Services, Inc., Houston, TX
CASK	Columbia Analytical Services, Inc., Kelso, WA
CASL	Columbia Analytical Services, Inc., Canoga Park, CA
CASP	Columbia Analytical Services, Inc., Phoenix, AZ
CAWL	California Water Labs, Inc., Modesto, CA
CB	Calibration Blank
CC	Continuing Calibration Verification
CCN	Ceimic Corporation, Narragansett, RI
CDL	Contract Required Detection Limit
CDM	CDM Federal Programs Corporation
CELG	Calscience Environmental Laboratories, Inc., Garden Grove, CA
CELL	Creek Environmental Laboratories, Inc., San Luis Obispo, CA
CELR	Chevron Environmental Laboratory, Richmond, CA
CELS	Chemical & Environmental Laboratories, Inc., Santa Fe Springs, CA
CFWM	City of Fresno Wastewater Management, Fresno, CA
CHEM	Chemic Laboratory, San Diego, CA
CHMC	CH2M Hill Analytical Services, Corvallis, OR
CHMM	CH2M Hill Analytical Services, Montgomery, AL
CHRP	ChromaLab, Inc., Pleasanton, CA
CKY	CKY Inc., Torrance, CA
CLPA	Contract Laboratory Program Accuracy Limits for Spiked Samples
CLPCC	CLP Continuing Calibration Acceptance Criteria
CLPIC	CLP Initial Calibration Acceptance Criteria
CLPLR	Contract Laboratory Program Precision for Lab Replicates
CLPP	Contract Laboratory Program Precision Limits for Spiked Samples
CLSR	California Laboratory Services, Rancho Cordova, CA
CLTP	Clayton Environmental Consultants, Inc., Pleasanton, CA
CRLB	Century Refining (CENREF) Labs, Inc., Brighton, CO
CRLS	CRL Environmental Laboratories, Sacramento, CA
CS	Client Sample
CTB	Curtis & Tompkins, Berkeley, CA
CTE	CT&E Environmental Services, Inc., Anchorage, AK
CTEC	CT&E Environmental Services, Inc., Charleston, WV
CTEP	Cal Tech Environmental Laboratories, Inc., Paramount, CA
CTES	Chemtek Environmental Laboratories, Santa Fe Springs, CA
CTLB	CT Laboratories, Baraboo, WI
CTLM	Cooper Testing Laboratory, Mountain View, CA
CWTB	Commonwealth Technologies, Baraboo, WI
DCHM	DataChem Laboratories, Inc., Salt Lake City, UT

Code	Name
DDL	Method Defined Detection Limit
DELB	Delta Environmental Laboratories, Benicia, CA
DHLR	DHL Analytical, Round Rock, TX
DLLC	Davy Laboratories, LaCrosse, WI
DLP	Davi Laboratories, Pinole, CA
DMAC	Del Mar Analytical, Colton, CA
DMAI	Del Mar Analytical, Irvine, CA
DMAP	Del Mar Analytical, Phoenix, AZ
DMP	D & M Laboratories, Petaluma, CA
DOWL	Dowl Engineering Alaska Test Labs, Anchorage, AK
DTAS	D-TEK Analytical Laboratories, Inc., San Diego, CA
DU	Data Unavailable
DU	Data Unavailable
EAL	Elite Analytical, Livermore, CA
EALS	Entech Analytical Labs, Inc., Santa Clara, CA
EALY	Entech Analytical Labs, Inc., Sunnyvale, CA
EASL	Environmental Analytical Services, Inc., Luis Obispo, CA
EBA	EBA
EBMU	East Bay Municipal Utility District Laboratory, Oakland, CA
ECEN	Ecology & Environment, Inc.
ECGB	EnChem, Green Bay, WI
ECI	EcoChem, Inc., Seattle, WA
ECIP	Enviro-Chem, Inc., Pomona, CA
ECK	EnChem, Kimberly, WI
ECLL	Environmental Chemistry Lab at LLNL, Livermore, CA
EEIS	Envirodyne Engineers, Inc., St. Louis, MO
EELR	Excelchem Environmental Labs, Roseville, CA
EELS	Environmental Engineering Laboratory, San Diego, CA
EMAS	EnviroMatrix Analytical, Inc., San Diego, CA
EMXT	EMAX Laboratories, Inc., Torrance, CA
EQL	Estimated Quantitation Limit
EQLS	Environmental Quality Laboratory at UTC, San Jose, CA
ERDL	ERD, Lawrence Livermore National Laboratory, Livermore, CA
ESBR	E. S. Babcock & Sons, Inc., Riverside, CA
ESR	Eberline Services, Richmond, CA
ESTI	Environmental Support Technologies, Inc., Irvine, CA
ETCS	ETC, Santa Rosa, CA
FAED	Frontier Analytical, El Dorado Hills, CA
FBIS	Friedman & Bruya, Inc., Seattle, WA
FGIS	Frontier Geosciences, Inc., Seattle, WA
FGL	Fruit Growers Laboratory, Inc., Stockton, CA
FGLE	FGL Environmental, Santa Paula, CA
FORA	Forensic Analytical
GALM	GeoAnalytical Laboratories, Inc., Modesto, CA
GBLR	Great Basin Laboratories, Inc., Reno, NV
GCAL	Gulf Coast Analytical Lab, Baton Rouge, LA
GELC	General Engineering Laboratories, Inc., Charleston, SC
GENC	GTEL Environmental Labs, Inc., Concord, CA
GGHO	G.G. Hatch Isotope Laboratories, Ottawa, Ontario, Canada
GLES	Galson Laboratories, E. Syracuse, NY
GPLG	GPL Laboratories, LLLP, Gaithersburg, MD
H2MM	H2M Labs, Inc., Melville, NY
HALB	Halcyon Laboratories, Bakersfield, CA
HEAA	Hall Environmental Analysis Laboratory, Albuquerque, NM
HLV	Herguth Laboratories, Inc., Vallejo, CA

Code	Name
HPLE	HP Labs, Escondido, CA
HWLQ	Henrici Water Laboratory, Quincy, CA
IC	Initial Calibration Verification
IDL	Instrument Detection Limit
IELA	InterPhase Environmental, Inc., Los Angeles, CA
IN	Internal Standard
JEIF	Jones Environmental, Inc., Fullerton, CA
JLAM	JL Analytical Services, Modesto, CA
KD	Known (External Reference Material) Duplicate
KESM	Kemron Environmental Services, Marietta, OH
KIC	KIC Lab, Prudhoe Bay, AK
KIFF	Kiff Analytical LLC, Davis, CA
KLIA	Kinnetic Laboratories, Inc., Anchorage, AK
KLIC	Kinnetic Laboratories, Inc., Carlsbad, CA
KLIL	Kinnetic Laboratories, Inc., Lahhaina, HI
KLIS	Kinnetic Laboratories, Inc., Santa Cruz, CA
KLR	Kensington Laboratories, Richmond, CA
KMO	Kinder Morgan, Orange, CA
KPIS	KPrime, Inc., Santa Rosa, CA
LAB1	Laboratory 1
LAB2	Laboratory 2
LAL	Lockheed Analytical Laboratory, Las Vegas, NV
LASL	Los Alamos Scientific Laboratory, Los Alamos, NM
LB	Lab Blank
LCC	Laboratory Continuing Calibration Accuracy
LCLW	LifeChem Laboratory Services, Woodland Hills, CA
LCMS	LLNL Chemistry & Materials Sciences Analytical Lab, Livermore, CA
LDC	Laboratory Data Consultants
LIC	Laboratory Initial Calibration Accuracy
LICP	ICP MS Facility, LLNL, Livermore, CA
LL	Lancaster Laboratories, Inc., Lancaster, PA
LLD	Lowest Level of Detection
LLR	Laboratory Established Precision for Lab Replicates
LOQ	Limit of Quantitation
LR	Lab Replicate
LSA	Laboratory Sample Accuracy for Spiked Samples
LSP	Laboratory Sample Precision for Spiked Samples
LTL	Laucks Testing Lab, Inc.
MCAP	McCampbell Analytical, Pacheco, CA
MCLL	Mobile Chem Labs, Inc., Lafayette, CA
MDL	Method Detection Limit
MEA	Method Established Accuracy for Spiked Samples
MEC	MEC Analytical Systems, Inc., Carlsbad, CA
MECC	Method Established Continuing Calibration Acceptance Criteria
MEIC	Method Established Initial Calibration Acceptance Criteria
MELR	Method Established Precision for Laboratory Replicates
MEP	Method Established Precision for Spiked Samples
MLIC	Michelson Laboratories, Inc., Commerce, CA
MLR	Matrix Laboratory Replicate Precision
MOLE	Mobile One Laboratories, Inc., Escondido, CA
MRL	Method Reporting Limit (lowest standard adjusted for prep.)
MS	GC/MS Result - Value Confirmed Using GC/MS
MS	Lab Matrix Spike
MSA	Matrix Spike Accuracy for Spiked Samples
MSLV	MID-STATE Laboratory LLC, Visalia, CA

Code	Name
MSP	Matrix Spike Precision for Spiked Samples
MSSL	Mountain States Analytical, Salt Lake City, UT
MWHM	MWH Labs, Monrovia, CA
MWLP	Montgomery Watson Laboratories, Pasadena, CA
NA	Not Applicable
NA	Not Available - Result Not Available
NC	Non-Client Sample
NCAA	North Creek Analytical, Anchorage, AK
NCAB	North Creek Analytical, Bothell, WA
NCAC	North Creek Analytical, Bend, OR
NCAP	North Creek Analytical, Beaverton, OR
NCAS	North Creek Analytical, Spokane, WA
NCLA	North Coast Laboratories, Arcata, CA
ND	Not Detected
NELL	NEL Laboratories, Inc., Las Vegas, NV
NLSC	Northern Lake Service, Crandon, WI
NR	Not Reported - Data Not Reported
NRES	Navy Regional Environmental Lab, San Diego, CA
NSEF	North State Environmental, South San Francisco, CA
NSLF	North State Labs, South San Francisco, CA
NTL	Northern Testing Laboratories, Anchorage, AK
NTLF	Northern Testing Laboratories, Fairbanks, AK
NU	Not Usable - Data Not Usable
NWCC	Northwest Colorado Consultants, Inc., Steamboat Springs, CO
OCAT	Orange Coast Analytical, Inc., Tustin, CA
OECS	Oilfield Environmental and Compliance, Santa Maria, CA
OEIR	OnSite Environmental, Inc., Redmond, WA
PA	Present/Absent
PAC	Pacific Analytical, Carlsbad, CA
PAIR	Precision Analytical, Inc., Richmond, CA
PAIS	Performance Analytical, Inc., Simi Valley, CA
PALA	Pacific Analytical Laboratory, Alameda, CA
PARA	Paragon Analytics, Inc., CO
PASA	Pace Analytical Services, Inc., Asheville, NC
PASC	Pace Analytical Services, Inc., Huntersville, NC
PASH	Pace Analytical Services, Inc., Houston, TX
PASI	Pace Analytical Services, Inc., Indianapolis, IN
PASN	Pace Analytical Services, Inc., St. Rose, LA
PCL	Pat-Chem Laboratories, Moorpark, CA
PDMW	Paradigm Analytical Laboratories, Wilmington, NC
PETS	Precision Enviro-Tech, Stockton, CA
PHLE	Philip Environmental
PIC	Pace Analytical Services, Inc., Camarillo, CA
PIHB	Pace Analytical Services, Inc., Huntington Beach, CA
PIL	Pace Analytical Services, Inc., Lenexa, KS
PIM	Pace Analytical Services, Inc., Minneapolis, MN
PIN	Pace Analytical Services, Inc., Novato, CA
PINY	Pace Analytical Services, Inc., New York, NY
PIP	Pace Analytical Services, Inc., Pittsburgh, PA
PITB	Pace Analytical Services, Inc., Tampa Bay, FL
PIWF	Pace Analytical Services, Inc., Wappingers Falls, NY
PLSA	Positive Lab Service, Los Angeles, CA
PLW	Perry Laboratory, Watsonville, CA
PNLE	Pacific Northwest Laboratories, Eugene, OR
PQL	Practical Quantitation Limit

Code	Name
PR	Primary Result - The Primary Result for a Parameter
PRL	Parameter Range Limit
QALA	Quality Analytical Laboratores, Inc., Montgomery, AL
QALC	Quality Analytical Laboratories, Inc., Redding, CA
RCHR	RCH Research & Env. Laboratories, Inc., Rancho Dominquez, CA
RFWC	Roy F. Weston, West Chester, PA
RFWS	Roy F. Weston, Stockton, CA
RM	Known (External Reference Material)
RS	Reagent Solvent
SAFW	Star Analytical, Fort Worth, TX
SALR	Shasta Analytical Laboratory, Inc., Redding, CA
SAS	Sound Analytical Services, Inc., Tacoma, WA
SBSA	Both Reagent and Matrix Sample Accuracy for Surrogates
SBSP	Both Reagent and Matrix Sample Precision for Surrogates
SC3S	S-Cubed, A Division of Maxwell Laboratories, Inc., San Diego, CA
SCLA	Contract Laboratory Program Limits for Surrogate Accuracy
SCLP	Contract Laboratory Program Limits for Surrogate Precision
SCLW	Soil Control Lab, Watsonville, CA
SCST	Southern California Soil & Testing, Inc., San Diego, CA
SD	Lab Matrix Spike Duplicate
SDGE	Environmental Analysis Lab, SDGE, San Diego, CA
SEMS	Sierra Environmental Monitoring, Sparks, NV
SEQC	Sequoia Analytical Laboratories, Inc., San Carlos, CA
SEQM	Sequoia Analytical Laboratories, Inc., Morgan Hill, CA
SEQP	Sequoia Analytical Laboratories, Inc., Petaluma, CA
SEQS	Sequoia Analytical Laboratories, Inc., Sacramento, CA
SEQW	Sequoia Analytical Laboratories, Inc., Walnut Creek, CA
SGSA	SGS Environmental Services Inc., Anchorage, AK
SGSL	SGS Michigan Division, Ludington, MI
SHLH	Sherwood Labs Corporation, Hilmar, CA
SIRL	Sierra Analytical Labs, Inc., Laguna Hills, CA
SLSA	Laboratory Sample Limits for Accuracy for Surrogates
SLSP	Laboratory Sample Limits for Precision for Surrogates
SMEA	Method Established Limits for Accuracy for Surrogates
SMEP	Method Established Limits for Precision for Surrogates
SMSA	Sample Matrix Limits for Accuracy for Surrogates
S MSP	Sample Matrix Limits for Precision for Surrogates
SPEC	Spectra Laboratory, Inc., Tacoma, WA
SPLH	SPL Houston Laboratory, Houston, TX
SPLL	SPL Lafayette Laboratory, Scott, LA
SPLM	SPL Michigan Laboratory, Traverse City, MI
SR	Semi-Quantitative Result
SRAD	Standard Reference Accuracy Defined by Agency/Manufacturer
SRMA	Standard Reference Material Accuracy Limits Determined by Lab
SRMP	Standard Reference Material Precision Limits Determined by Lab
SRPD	Standard Reference Precision Defined by Agency/Manufacturer
SSLE	SunStar Laboratories, Inc., Encinitas, CA
SSLT	SunStar Laboratories, Inc., Tustin, CA
STCL	STL ChromaLab, Inc., Pleasanton, CA
STEH	Sierra Testing Lab, El Dorado Hills, CA
STIS	Sparger Technology, Inc., Sacramento, CA
STL1	STL Denver, Arvada, CO
STL2	Severn Trent Laboratories, Edison, NJ
STL3	STL Los Angeles, Santa Ana, CA
STL4	Severn Trent Laboratories, Miramar, FL

Code	Name
STL5	Severn Trent Laboratories, Newburgh, NY
STL6	Severn Trent Laboratories, Colchester, VT
STL8	STL Seattle, Seattle, WA
STL9	Severn Trent Laboratories, Inc., Chicago, IL
STLB	Severn Trent Laboratories, Sparks, MD
STLC	Severn Trent Laboratories, North Canton, OH
STLD	Severn Trent Laboratories, Austin, TX
STLE	Severn Trent Laboratories, Tallahassee, FL
STLF	Severn Trent Laboratories, Tampa, FL
STLG	Severn Trent Laboratories, Savannah, GA
STLH	Severn Trent Laboratories, Houston, TX
STLI	Severn Trent Laboratories, Pensacola, FL
STLJ	Severn Trent Laboratories, N. Billerica, MA
STLK	STL Knoxville, Knoxville, TN
STLL	Severn Trent Laboratories, Earth City, MO
STLM	Severn Trent Laboratories, Monroe, CT
STLO	Severn Trent Laboratories, Mobile, AL
STLP	STL Pittsburgh, Pittsburgh, PA
STLQ	Severn Trent Laboratories, Amherst, NY
STLR	Severn Trent Laboratories, Richland, WA
STLS	STL Sacramento, West Sacramento, CA
STLT	Severn Trent Laboratories, Austin, TX (Quanterra)
STLU	Severn Trent Laboratories, University Park, IL
STLV	Severn Trent Laboratories, Valparaiso, IN
STLW	Severn Trent Laboratories, Westfield, MA
STLX	Severn Trent Laboratories, Tampa, FL (Savannah)
STLY	Severn Trent Laboratories, Whippany, NJ
STLZ	Severn Trent Laboratories, Corpus Christi, TX
STSM	Southland Technical Services, Inc., Montebello, CA
SU	Surrogate
SWAA	Shannon & Wilson, Inc., Anchorage, AK
SWLB	Southwest Laboratory, Broken Arrow, OK
SWRI	Southwest Research Institute, San Antonio, TX
TAN	TestAmerica - Nashville Division, Nashville, TN
TDL	Target Method Detection Limit
TDLT	Truesdail Laboratories, Inc., Tustin, CA
TEGR	TEG Northern California, Inc., Rancho Cordova, CA
TGGB	TEG, Solana Beach, CA
TI	Tentatively Identified Compound
TLF	Twining Labs, Fresno, CA
TLIT	Turner Laboratories, Inc., Tucson, AZ
TLM	Torrent Laboratory, Milpitas, CA
TRID	Triangle Laboratories, Inc., Durham, NC
TSIW	ToxScan, Inc., Watsonville, CA
WALC	Western Analytical Laboratories, Inc., Chino, CA
WCAS	West Coast Analytical Services, Inc., Santa Fe Springs, CA
WLGA	W. L. Gore and Associates, Inc., Elkton, MD
WLIC	Weck Laboratories, Inc., City of Industry, CA
WPEL	City of LA Dept. Water & Power Environ. Lab, Los Angeles, CA
WQLC	JWPCP Water Quality Laboratory, Carson, CA
WQLW	San Jose Creek Water Quality Laboratory, Whittier, CA
XX	No QC for method
ZALB	Zalco Laboratories, Inc., Bakerfield, CA
ZXEO	ZymaX envirotechnology, San Luis Obispo, CA



Laboratory Analysis Report

200 W. Potter Drive
Anchorage, AK 99518-1605
Tel: (907) 562-2343
Fax: (907) 561-5301
Web: <http://www.us.sgs.com>

Michelle Turner
Bristol Environmental
2000 W Intl Airport Rd, Ste C1
Anchorage, AK 995021117

Work Order:	1054532	
	25037 NE Cape 04 036	Released by:
Client:	Bristol Environmental	
Report Date:	July 29, 2005	

Enclosed are the analytical results associated with the above workorder.

As required by the state of Alaska and the USEPA, a formal Quality Assurance/Quality Control Program is maintained by SGS. A copy of our Quality Control Manual that outlines this program is available at your request. The laboratory ADEC certification numbers are AK971-05 (DW), UST-005 (CS) and AK00971 (Micro).

Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS Quality Assurance Program Plan and the National Environmental Laboratory Accreditation Conference.

If you have any questions regarding this report or if we can be of any other assistance, please call your SGS Project Manager at (907) 562-2343.

The following descriptors may be found on your report which will serve to further qualify the data.

PQL	Practical Quantitation Limit (reporting limit).
U	Indicates the analyte was analyzed for but not detected.
F	Indicates value that is greater than or equal to the PQL.
J	The quantitation is an estimation.
ND	Indicates the analyte is not detected.
B	Indicates the analyte is found in a blank associated with the sample.
*	The analyte has exceeded allowable regulatory or control limits.
GT	Greater Than
D	The analyte concentration is the result of a dilution.
LT	Less Than
!	Surrogate out of control limits.
Q	QC parameter out of acceptance range.
M	A matrix effect was present.
JL	The analyte was positively identified, but the quantitation is a low estimation.
E	The analyte result is above the calibrated range.

Note: Soil samples are reported on a dry weight basis unless otherwise specified.



SGS Ref.# 1054532001
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL001
Matrix Soil/Solid
Location/Well ID 05NEC31SL001

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/18/2005 10:50
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	565 U	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	565 U	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	565 U	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	565 U	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	565 U	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	565 U	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	5130	565	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	72.7		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	88.4		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532002
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL008
Matrix Soil/Solid
Location/Well ID 05NEC31SL008

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/18/2005 11:40
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	592 U	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	592 U	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	592 U	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	592 U	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	592 U	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	592 U	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	6950	592	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	68.3		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	83.4		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532003
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL013
Matrix Soil/Solid
Location/Well ID 05NEC31SL013

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/21/2005 12:10
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	624 U	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	624 U	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	624 U	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	624 U	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	624 U	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	624 U	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	7090	624	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	77		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	78.8		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532004
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL015
Matrix Soil/Solid
Location/Well ID 05NEC31SL015

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/18/2005 11:45
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	563 U	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	563 U	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	563 U	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	563 U	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	563 U	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	563 U	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	8330	563	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	82.3		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	88.4		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532005
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL016
Matrix Soil/Solid
Location/Well ID 05NEC31SL016

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/18/2005 11:50
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:
8082 - Surrogate is outside of controls due to sample dilution.

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	2770 U	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	2770 U	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	2770 U	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	2770 U	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	2770 U	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	2770 U	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	17700	2770	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	0	!	%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	89.8		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532006
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFSL062
Matrix Soil/Solid
Location/Well ID 05NECAFSL062

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/18/2005 17:40
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:
8082 - Surrogate is outside of controls due to sample dilution.

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	2700 U	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	2700 U	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	2700 U	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	2700 U	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	2700 U	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	2700 U	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	37100	2700	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	0	!	%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	91.9		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532007
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFSL064
Matrix Soil/Solid
Location/Well ID 05NECAFSL064

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/18/2005 17:50
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	261 U	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	261 U	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	261 U	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	261 U	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	261 U	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	261 U	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	1410	261	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	93.4		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	94.5		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532008
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL003
Matrix Soil/Solid
Location/Well ID 05NEC31SL003

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/18/2005 10:58
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.6 U	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.6 U	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.6 U	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.6 U	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.6 U	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.6 U	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	286	51.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	84.9		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	94.3		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532009
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC07SL032
Matrix Soil/Solid
Location/Well ID 05NEC07SL032

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/18/2005 14:25
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	52.9 U	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	52.9 U	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	52.9 U	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	52.9 U	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	52.9 U	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	52.9 U	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	173	52.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	83.5		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	94.2		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532010
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC07SL038
Matrix Soil/Solid
Location/Well ID 05NEC07SL038

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/18/2005 14:45
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	54.4 U	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	54.4 U	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	54.4 U	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	54.4 U	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	54.4 U	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	54.4 U	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	99.1	54.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	87.1		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	90.7		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532011
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC07SL042
Matrix Soil/Solid
Location/Well ID 05NEC07SL042

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/18/2005 15:05
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	53.8 U	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	53.8 U	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	53.8 U	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	53.8 U	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	53.8 U	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	53.8 U	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	53.6 J	53.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	89.2		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	91.6		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532012
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC07SL053
Matrix Soil/Solid
Location/Well ID 05NEC07SL053

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/18/2005 16:00
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	152	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	72.8		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	94.8		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532013
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL081
Matrix Soil/Solid
Location/Well ID 05NEC31SL081

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 7:55
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	73.8		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	97.6		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532014
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL082
Matrix Soil/Solid
Location/Well ID 05NEC31SL082

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 8:00
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	49.4 U	49.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	78.6		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	97.8		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532015
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL083
Matrix Soil/Solid
Location/Well ID 05NEC31SL083

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 8:00
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	78.2		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	97.8		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532016
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL085
Matrix Soil/Solid
Location/Well ID 05NEC31SL085

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 8:05
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.8 U	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	50.8 U	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	50.8 U	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	50.8 U	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	50.8 U	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	50.8 U	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	228	50.8	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	78.2		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.2		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532017
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL086
Matrix Soil/Solid
Location/Well ID 05NEC31SL086

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 8:10
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	82.9		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.0		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532018
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL087
Matrix Soil/Solid
Location/Well ID 05NEC31SL087

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 8:15
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	59.1	51.2	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	76.7		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	97.7		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532019
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL088
Matrix Soil/Solid
Location/Well ID 05NEC31SL088

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 8:20
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	263	50.9	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	79.6		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.3		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532020
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL089
Matrix Soil/Solid
Location/Well ID 05NEC31SL089

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 8:25
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	173	50.6	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	72.7		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.5		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532021
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL090
Matrix Soil/Solid
Location/Well ID 05NEC31SL090

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 8:30
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	54.8	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	90.3		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	97.7		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532022
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL091
Matrix Soil/Solid
Location/Well ID 05NEC31SL091

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 8:35
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	44.5 J	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	96.4		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	96.0		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532023
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL092
Matrix Soil/Solid
Location/Well ID 05NEC31SL092

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 8:40
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	58.4	51.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	90.9		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	97.0		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532024
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL093
Matrix Soil/Solid
Location/Well ID 05NEC31SL093

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 8:45
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	50.0 U	50.0	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	89.1		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.2		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532025
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL094
Matrix Soil/Solid
Location/Well ID 05NEC31SL094

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 11:05
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	49.5 U	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	115	49.5	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	91.5		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.2		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532026
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL095
Matrix Soil/Solid
Location/Well ID 05NEC31SL095

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 11:05
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.4 U	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	50.4 U	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	50.4 U	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	50.4 U	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	50.4 U	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	50.4 U	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	116	50.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	89.7		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	98.2		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532027
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL097
Matrix Soil/Solid
Location/Well ID 05NEC31SL097

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 11:10
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.9 U	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	49.9 U	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	49.9 U	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	49.9 U	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	49.9 U	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	49.9 U	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	96.8	49.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	95.8		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.6		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532028
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL098
Matrix Soil/Solid
Location/Well ID 05NEC31SL098

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 11:15
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.2 U	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	49.2 U	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	49.2 U	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	49.2 U	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	49.2 U	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	49.2 U	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	149	49.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	94.3		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.0		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532029
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL099
Matrix Soil/Solid
Location/Well ID 05NEC31SL099

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 11:20
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	51.2 U	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	114	51.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	94		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	96.9		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532030
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL100
Matrix Soil/Solid
Location/Well ID 05NEC31SL100

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 11:25
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	101	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	97.7		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.6		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532031
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL101
Matrix Soil/Solid
Location/Well ID 05NEC31SL101

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 11:30
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.7 U	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	49.7 U	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	49.7 U	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	49.7 U	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	49.7 U	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	49.7 U	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	606	49.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	95.2		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	96.0		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532032
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL102
Matrix Soil/Solid
Location/Well ID 05NEC31SL102

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 11:35
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	432	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	94.1		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.6		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532033
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL103
Matrix Soil/Solid
Location/Well ID 05NEC31SL103

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 11:40
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.2 U	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.2 U	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.2 U	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.2 U	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.2 U	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.2 U	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	165	50.2	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	98.5		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.9		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532034
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL104
Matrix Soil/Solid
Location/Well ID 05NEC31SL104

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 11:45
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	51.1 U	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	56.8	51.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	91.3		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.8		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532035
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL105
Matrix Soil/Solid
Location/Well ID 05NEC31SL105

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 11:50
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.1 U	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.1 U	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.1 U	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.1 U	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.1 U	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.1 U	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	53.9	50.1	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	90.6		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.9		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532036
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL106
Matrix Soil/Solid
Location/Well ID 05NEC31SL106

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 11:55
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.3 U	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.3 U	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.3 U	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.3 U	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.3 U	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.3 U	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	353	50.3	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	90.1		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.7		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532037
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL107
Matrix Soil/Solid
Location/Well ID 05NEC31SL107

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 11:55
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	51.0 U	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	520	51.0	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	96.3		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.5		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532038
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL109
Matrix Soil/Solid
Location/Well ID 05NEC31SL109

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 12:00
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.9 U	50.9	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	1440	255	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	94.8		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.4		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532039
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL110
Matrix Soil/Solid
Location/Well ID 05NEC31SL110

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 12:05
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.7 U	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.7 U	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.7 U	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.7 U	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.7 U	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.7 U	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	324	50.7	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	91.9		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.2		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532040
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL111
Matrix Soil/Solid
Location/Well ID 05NEC31SL111

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 12:10
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1221	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1232	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1242	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1248	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1254	50.6 U	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
Aroclor-1260	169	50.6	ug/Kg	SW8082	A		07/26/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	94.5		%	SW8082	A	60-125	07/26/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	97.3		%	SM20 2540G	A			07/25/05	HM



SGS Ref.# 1054532041
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL112
Matrix Soil/Solid
Location/Well ID 05NEC31SL112

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 12:36
Collected Date/Time 07/19/2005 12:15
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	51.7 U	51.7	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	83.2		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	96.6		%	SM20 2540G	A			07/25/05	HM

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-01

Quote No.: 6970

PAGE 1 OF 1

Contact: Michelle Turner

Phone No: 907-563-0013

Project: 25037 NE Cape

Reports To:
Michelle Turner
BEESC
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1118

No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name
	C= COMP D= discrete			

1054532



LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
① A	05NEC31SL001	7/18/05	1050	SL	1	D	X	X	--	
②	05NEC31SL008	7/18/05	1140	SL	1	D	X	X	--	
③	05NEC31SL013	7/21/05	1210	SL	1	D	X	X	--	
④	05NEC31SL015	7/18/05	1145	SL	1	D	X	X	--	
⑤	05NEC31SL016	7/18/05	1150	SL	1	D	X	X	--	
⑥	05NECAFSL062	7/18/05	1740	SL	1	D	X	X	--	
⑦	05NECAFSL064	7/18/05	1750	SL	1	D	X	X	--	
⑧	05NEC31SL003	7/18/05	1058	SL	1	D	X	X	--	
RUSH										

Collected/Relinquished By: (1) <i>Larry W. Pelt</i>	Date 7/25/05	Time 1140	Received By:	Shipping Carrier:	Temperature C: 7.3 C = 45.0
Collected/Relinquished By: (2)	Date	Time	Received By:	Shipping Ticket No:	
Collected/Relinquished By: (3)	Date	Time	Received By:	Data Deliverables: USACE data deliverables requested; SEDD and COELT EDDs requested	Chain of Custody Seal: (Circle) INTACT <input type="checkbox"/> BROKEN <input type="checkbox"/> ABSENT <input type="checkbox"/>
Collected/Relinquished By: (4) <i>[Signature]</i>	Date 7/25/05	Time 1140	Received For Laboratory By:	Requested Turnaround Time and Special Instructions: NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-02
Quote No.: 6970

 PAGE 1 OF 1

Contact: Michelle Turner

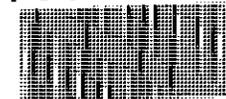
Phone No: 907-563-0013

Project: 25037 NE Cape

 Reports To:
 Michelle Turner
 BEESC
 2000 W. International Airport Rd., #C-1
 Anchorage, AK 99502-1118

No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name
	C= COMP D= discrete			

1054532



LAB NO	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks	
① A	05NEC07SL032	7/18/05	1425	SL	1	D	X	X	--		
②	05NEC07SL038	7/18/05	1445	SL	1	D	X	X	--		
③	05NEC07SL042	7/18/05	1505	SL	1	D	X	X	--		
④	05NEC07SL053	7/18/05	1600	SL	1	D	X	X	--		
⑤	05NEC31SL081	7/19/05	0755	SL	1	D	X	X	--	RUSH	
⑥	05NEC07SL082	7/19/05	0800	SL	1	D	X	X	--		
⑦	05NEC07SL083	7/19/05	0800	SL	1	D	X	X	--		
⑧	05NEC07SL085	7/19/05	0805	SL	1	D	X	X	--		
⑨	05NEC07SL086	7/19/05	0810	SL	1	D	X	X	--		
⑩	05NEC07SL087	7/19/05	0815	SL	1	D	X	X	--		
⑪	05NEC07SL088	7/19/05	0820	SL	1	D	X	X	--		
									--		

Collected/Relinquished By: (1) <i>[Signature]</i>	Date 7/25/05	Time 1140	Received By: <i>[Signature]</i>	Shipping Carrier:	Temperature C:
Collected/Relinquished By: (2)	Date	Time	Received By:	Shipping Ticket No:	
Collected/Relinquished By: (3)	Date	Time	Received By:	Data Deliverables: USACE data deliverables requested; SEDD and COELT EDDs requested	Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT
Collected/Relinquished By: (4) <i>[Signature]</i>	Date 7/25/05	Time 1140	Received For Laboratory By: <i>[Signature]</i>	Requested Turnaround Time and Special Instructions: Composite samples as requested above. Run composite samples under identifiers as requested above. Provide QA/QC samples as requested in "remarks"	
				NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-03

Quote No.: 6970

PAGE 1 OF 1

Contact: Michelle Turner

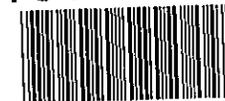
Phone No: 907-563-0013

Project: 25037 NE Cape

Reports To:
Michelle Turner
BEESC
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1118

No. JARS	Sample Type C= COMP D= discrete	PCB 8082	72-hour TAT	Composite sample name
----------	---	----------	-------------	-----------------------

1054532



LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
20 A	05NEC07SL089	7/19/05	0825	SL	1	D	X	X	--	
21	05NEC07SL090	7/19/05	0830	SL	1	D	X	X	--	
22	05NEC07SL091	7/19/05	0835	SL	1	D	X	X	--	
23	05NEC07SL092	7/19/05	0840	SL	1	D	X	X	--	
24	05NEC07SL093	7/19/05	0845	SL	1	D	X	X	--	RUSH
25	05NEC07SL094	7/19/05	1105	SL	1	D	X	X	--	
26	05NEC07SL095	7/19/05	1105	SL	1	D	X	X	--	
27	05NEC07SL097	7/19/05	1110	SL	1	D	X	X	--	
28	05NEC07SL098	7/19/05	1115	SL	1	D	X	X	--	
29	05NEC07SL099	7/19/05	1120	SL	1	D	X	X	--	
30	05NEC07SL100	7/19/05	1125	SL	1	D	X	X	--	
31	05NEC07SL101	7/19/05	1130	SL	1	D	X	X	--	

Collected/Relinquished By: (1)	Date	Time	Received By:	Shipping Carrier:	Temperature C:
<i>[Signature]</i>	7/25/05	1140	<i>[Signature]</i>	Shipping Ticket No:	
Collected/Relinquished By: (2)	Date	Time	Received By:	Data Deliverables:	Chain of Custody Seal: (Circle)
				USACE data deliverables requested; SEDD and COELT EDDs requested	INTACT <input type="checkbox"/> BROKEN <input type="checkbox"/> ABSENT <input type="checkbox"/>
Collected/Relinquished By: (3)	Date	Time	Received By:	Requested Turnaround Time and Special Instructions:	
				Composite samples as requested above. Run composite samples under identifiers as requested above. Provide QA/QC samples as requested in "remarks"	
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:	NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	
	7/25/05	1140	<i>[Signature]</i>		

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-04

Quote No.: 6970

PAGE 1 OF 1

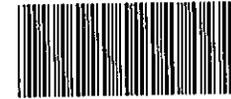
Contact: Michelle Turner Phone No: 907-563-0013

Project: 25037 NE Cape

Reports To:
Michelle Turner
BEESC
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1118

No. JARS	Sample Type C= COMP D= discrete	PCB 8082	72-hour TAT	Composite sample name
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1054532



LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
(32) A	05NEC07SL102	7/19/05	1135	SL	1	D	X	X	--	
(33)	05NEC07SL103	7/19/05	1140	SL	1	D	X	X	--	
(34)	05NEC07SL104	7/19/05	1145	SL	1	D	X	X	--	
(35)	05NEC07SL105	7/19/05	1150	SL	1	D	X	X	--	RUSA
(36)	05NEC07SL106	7/19/05	1155	SL	1	D	X	X	--	
(37)	05NEC07SL107	7/19/05	1155	SL	1	D	X	X	--	
(38)	05NEC07SL109	7/19/05	1200	SL	1	D	X	X	--	
(39)	05NEC07SL110	7/19/05	1205	SL	1	D	X	X	--	
(40)	05NEC07SL111	7/19/05	1210	SL	1	D	X	X	--	
(41)	05NEC07SL112	7/19/05	1215	SL	1	D	X	X	--	
									--	

Collected/Relinquished By: (1)	Date	Time	Received By:	Shipping Carrier:	Temperature C:
<i>[Signature]</i>	7/25/05	1140	<i>[Signature]</i>	Shipping Ticket No:	
Collected/Relinquished By: (2)	Date	Time	Received By:	Data Deliverables:	Chain of Custody Seal: (Circle)
				USACE data deliverables requested; SEDD and COELT EDDs requested	INTACT <input type="checkbox"/> BROKEN <input type="checkbox"/> ABSENT <input type="checkbox"/>
Collected/Relinquished By: (3)	Date	Time	Received By:	Requested Turnaround Time and Special Instructions:	
				Composite samples as requested above. Run composite samples under identifiers as requested above. Provide QA/QC samples as requested in "remarks"	
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:	NOA Michelle Turner -- BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	
	7/25/05	1140	<i>[Signature]</i>		



SAMPLE RECEIPT FORM

SGS WO#:

Yes No NA

- Are samples **RUSH** priority or *w/in* 72 hrs. of hold time?
- If yes have you done e-mail notification?
- Are samples *w/in* 24 hrs. of hold time or due date?
- If yes, have you spoken with Supervisor?
- Archiving bottles- if req., are they properly marked?
- Are there any **problems**? PM Notified?
- Were samples preserved correctly and pH verified?

Due Date: 7-28-05
 Received Date: 7-25-05
 Received Time: 1140
 Is date/time conversion necessary? N
 # of hours to AK Local Time: _____

Thermometer ID: 5D

Cooler ID	Temp Blank	Cooler Temp
<u>1</u>	<u>5.3</u> °C	<u>8.0</u> °C
_____	_____ °C	_____ °C
_____	_____ °C	_____ °C
_____	_____ °C	_____ °C
_____	_____ °C	_____ °C

*Temperature readings include thermometer correction factors

Delivery method (circle all that apply) Client /
 Alert Courier / UPS / FedEx / USPS /
 AA Goldstreak / NAC / ERA / PenAir / Carllie
 Lynden / SGS / Other: _____

Airbill # _____

- Additional Sample Remarks: (*√if applicable*)
- Extra Sample Volume? _____
 - Limited Sample Volume? _____
 - Field preserved for volatiles? _____
 - Field-filtered for dissolved? _____
 - Lab-filtered for dissolved? _____
 - Ref Lab required? _____
 - Foreign Soil? _____

This section must be filled out for DoD projects (USACE, Navy, AFCEE)

- Yes No
- Is received temperature $4 \pm 2^\circ\text{C}$?
 Exceptions: C=8.0 Samples/Analyses Affected: _____
 - Rad Screen performed? Result: _____
 - Was there an airbill? (Note # above in the right hand column)
 - Was cooler sealed with custody seals?
 # / where: _____
 - Were seal(s) intact upon arrival?
 - Was there a COC with cooler?
 - Was COC sealed in plastic bag & taped inside lid of cooler?
 - Was the COC filled out properly?
 - Did the COC indicate COE / AFCEE / Navy project?
 - Did the COC and samples correspond?
 - Were all sample packed to prevent breakage?
 Packing material: BEW
 - Were all samples unbroken and clearly labeled?
 - Were all samples sealed in separate plastic bags?
 - Were all VOCs free of headspace and/or MeOH preserved?
 - Were correct container / sample sizes submitted?
 - Is sample condition good?
 - Was copy of CoC, SRF, and custody seals given to PM to fax?

This section must be filled if problems are found.

- Yes No
- Was client notified of problems? _____
 - Individual contacted: _____
 - Via: Phone / Fax / Email (circle one)
 - Date/Time: _____
 - Reason for contact: _____
 - Change Order Required? _____
 - SGS Contact: _____

Notes:

Completed by (sign): [Signature] (print): Jamey Johnson
 Login proof (check one): waived required performed by: _____

Crupi, Steve (Anchorage)

From: Turner, Michelle [mturner@beesc.com]
Sent: Monday, July 25, 2005 2:03 PM
To: Crupi, Steve (Anchorage)
Cc: Pederson, Larry
Subject: Rush PCB samples for NE Cape

Steve,

Larry and I were looking at our COCs for NE Cape and discovered that several samples have wrong sample IDs.

On COC#s NEC-02, NEC-03, and NEC-047 (SGS # 1054532)

Sample IDs should be changed from 05NCEC07SL0## to 05NEC31SL0## for all samples starting with 05NEC07SL082 and going through 05NEC07SL112.

If you would like us to send you corrected COCs (just to make sure everything is clear), we can do that.

Please respond to Larry (lpederson@beesc.com) and myself to confirm you got this message.

Thanks and have a great day,
Michelle

Michelle T. Turner
Environmental Specialist
Bristol Environmental & Engineering Services Corp.
2000 International Airport Rd., #C-1
Anchorage, AK 99502
mturner@beesc.com

Crupi, Steve (Anchorage)

From: Turner, Michelle [mturner@beesc.com]
Sent: Wednesday, July 27, 2005 7:33 AM
To: Crupi, Steve (Anchorage)
Cc: Curl, Patricia; Johnson, Steve
Subject: RE: NE Cape
Attachments: Corrected COCs 2-4.pdf

Steve,

I will be in the office until about 10:30 today (I'm in a class).

- 1) What are NPDL numbers? The location ids are the sample id numbers. Sorry, I'm confused as to what information you're looking for.
- 2) The samples Larry sent in (second batch with temps above 6.0C) are waste (and also PCBs). Don't worry about the temperature. Run them. We absolutely need results *before* the end of the day Friday as we are shipping waste over the weekend.
- 3) The corrected COCs are attached. In the pdf Larry sent he didn't mark corrected COCs next to the COC#, but I'll go ahead and make that adjustment before sending them.

After 11am I will be reachable via cell phone (575-3145) if you have other questions.

Thanks,
Michelle

Michelle T. Turner
Environmental Specialist
Bristol Environmental & Engineering Services Corp.
2000 International Airport Rd., #C-1
Anchorage, AK 99502
mturner@beesc.com

From: Crupi, Steve (Anchorage) [mailto:Steve.Crupi@sgs.com]
Sent: Tuesday, July 26, 2005 9:02 AM
To: Turner, Michelle
Subject: NE Cape

Good Morning Michelle!

A few questions for you this morning...

Do you have an NPDL number and location IDs for the samples received this week?

The temperatures for the samples Larry brought in near noon were above 6.0 degrees. Is it safe for me to assume we should proceed?

Larry left me a voice mail message late yesterday indicating he would be out of the office and that he just sent a pdf of the corrected COCs. However, I have not yet received that email. Did you happen to copy you on the email, so maybe you could forward to me?

That's it for now.

7/27/2005

Steve

Steven R. Crupi

Project Manager

SGS Environmental Services

Anchorage, AK 99518

(907) 550-3213 (direct)

(907) 562-2343 (general)

(907) 561-5301 (fax)

steve_crupi@sgs.com

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Visit <http://www.sgs.com>

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-02 Corrected

Quote No.: 6970

Contact: Michelle Turner

Phone No: 907-563-0013

PAGE 1 OF 1

Project: 25037 NE Cape

Reports To:
Michelle Turner
BEESC
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1118

No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name
	C= COMP D= discrete			

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
	05NEC07SL032	7/18/05	1425	SL	1	D	X	X	--	
	05NEC07SL038	7/18/05	1445	SL	1	D	X	X	--	
	05NEC07SL042	7/18/05	1505	SL	1	D	X	X	--	
	05NEC07SL053	7/18/05	1600	SL	1	D	X	X	--	
	05NEC31SL081	7/19/05	0755	SL	1	D	X	X	--	
	05NEC31SL082	7/19/05	0800	SL	1	D	X	X	--	
	05NEC31SL083	7/19/05	0800	SL	1	D	X	X	--	
	05NEC31SL085	7/19/05	0805	SL	1	D	X	X	--	
	05NEC31SL086	7/19/05	0810	SL	1	D	X	X	--	
	05NEC31SL087	7/19/05	0815	SL	1	D	X	X	--	
	05NEC31SL088	7/19/05	0820	SL	1	D	X	X	--	
									--	

Collected/Relinquished By: (1)	Date	Time	Received By:	Shipping Carrier:	Temperature C:
				Shipping Ticket No:	
Collected/Relinquished By: (2)	Date	Time	Received By:	Data Deliverables:	Chain of Custody Seal: (Circle)
				USACE data deliverables requested; SEDD and COELT EDDs requested	INTACT BROKEN ABSENT
Collected/Relinquished By: (3)	Date	Time	Received By:	Requested Turnaround Time and Special Instructions:	
				Composite samples as requested above. Run composite samples under identifiers as requested above. Provide QA/QC samples as requested in "remarks"	
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:	NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-03 Corrected
Quote No.: 6970

 PAGE 1 OF 1

Contact: Michelle Turner

Phone No: 907-563-0013

Project: 25037 NE Cape

 Reports To:
 Michelle Turner
 BEESC
 2000 W. International Airport Rd., #C-1
 Anchorage, AK 99502-1118

No. LABS	Sample Type C= COMP D= discrete	PCB 8082	72-hour TAT	Composite sample name
1	D	X	X	--
1	D	X	X	--
1	D	X	X	--
1	D	X	X	--
1	D	X	X	--
1	D	X	X	--
1	D	X	X	--
1	D	X	X	--
1	D	X	X	--
1	D	X	X	--
1	D	X	X	--

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	Remarks					
	05NEC31SL089	7/19/05	0825	SL	1	D	X	X	--	
	05NEC31SL090	7/19/05	0830	SL	1	D	X	X	--	
	05NEC31SL091	7/19/05	0835	SL	1	D	X	X	--	
	05NEC31SL092	7/19/05	0840	SL	1	D	X	X	--	
	05NEC31SL093	7/19/05	0845	SL	1	D	X	X	--	
	05NEC31SL094	7/19/05	1105	SL	1	D	X	X	--	
	05NEC31SL095	7/19/05	1105	SL	1	D	X	X	--	
	05NEC31SL097	7/19/05	1110	SL	1	D	X	X	--	
	05NEC31SL098	7/19/05	1115	SL	1	D	X	X	--	
	05NEC31SL099	7/19/05	1120	SL	1	D	X	X	--	
	05NEC31SL100	7/19/05	1125	SL	1	D	X	X	--	
	05NEC31SL101	7/19/05	1130	SL	1	D	X	X	--	

Collected/Relinquished By: (1)	Date	Time	Received By:	Shipping Carrier:	Temperature C:
				Shipping Ticket No:	
Collected/Relinquished By: (2)	Date	Time	Received By:	Data Deliverables:	Chain of Custody Seal: (Circle)
				USACE data deliverables requested; SEDD and COELT EDDs requested	INTACT BROKEN ABSENT
Collected/Relinquished By: (3)	Date	Time	Received By:	Requested Turnaround Time and Special Instructions:	
				Composite samples as requested above. Run composite samples under identifiers as requested above. Provide QA/QC samples as requested in "remarks"	
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:	NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-04 Corrected
Quote No.: 6970

Contact: Michelle Turner

Phone No: 907-563-0013

PAGE __1__ OF __1__

Project: 25037 NE Cape

Reports To:

Michelle Turner

BEESC

2000 W. International Airport Rd., #C-1

Anchorage, AK 99502-1118

No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name
	C= COMP D= discrete			

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
	05NEC31SL102	7/19/05	1135	SL	1	D	X	X	--	
	05NEC31SL103	7/19/05	1140	SL	1	D	X	X	--	
	05NEC31SL104	7/19/05	1145	SL	1	D	X	X	--	
	05NEC31SL105	7/19/05	1150	SL	1	D	X	X	--	
	05NEC31SL106	7/19/05	1155	SL	1	D	X	X	--	
	05NEC31SL107	7/19/05	1155	SL	1	D	X	X	--	
	05NEC31SL109	7/19/05	1200	SL	1	D	X	X	--	
	05NEC31SL110	7/19/05	1205	SL	1	D	X	X	--	
	05NEC31SL111	7/19/05	1210	SL	1	D	X	X	--	
	05NEC31SL112	7/19/05	1215	SL	1	D	X	X	--	

Collected/Relinquished By: (1)	Date	Time	Received By:	Shipping Carrier:	Temperature C:
				Shipping Ticket No:	
Collected/Relinquished By: (2)	Date	Time	Received By:	Data Deliverables:	Chain of Custody Seal: (Circle)
				USACE data deliverables requested; SEDD and COELT EDDs requested	INTACT BROKEN ABSENT
Collected/Relinquished By: (3)	Date	Time	Received By:	Requested Turnaround Time and Special Instructions:	
				Composite samples as requested above. Run composite samples under identifiers as requested above. Provide QA/QC samples as requested in "remarks"	
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:	NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	



SGS Ref.# 1054532012
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFSL053
Matrix Soil/Solid
Location/Well ID 05NEC07SL053

All Dates/Times are Alaska Standard Time

Printed Date/Time 12/08/2005 17:42
Collected Date/Time 07/18/2005 16:00
Received Date/Time 07/25/2005 11:40
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1221	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1232	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1242	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1248	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1254	51.4 U	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
Aroclor-1260	152	51.4	ug/Kg	SW8082	A		07/26/05	07/27/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	72.8		%	SW8082	A	60-125	07/26/05	07/27/05	WAA
<u>Solids</u>									
Total Solids	94.8		%	SM20 2540G	A			07/25/05	HM



Laboratory Analysis Report

200 W. Potter Drive
Anchorage, AK 99518-1605
Tel: (907) 562-2343
Fax: (907) 561-5301
Web: <http://www.us.sgs.com>

Michelle Turner
Bristol Environmental
2000 W Intl Airport Rd, Ste C1
Anchorage, AK 995021117

Work Order:	1054603	
	25037 NE Cape 04 036	Released by:
Client:	Bristol Environmental	
Report Date:	July 29, 2005	

Enclosed are the analytical results associated with the above workorder.

As required by the state of Alaska and the USEPA, a formal Quality Assurance/Quality Control Program is maintained by SGS. A copy of our Quality Control Manual that outlines this program is available at your request. The laboratory ADEC certification numbers are AK971-05 (DW), UST-005 (CS) and AK00971 (Micro).

Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS Quality Assurance Program Plan and the National Environmental Laboratory Accreditation Conference.

If you have any questions regarding this report or if we can be of any other assistance, please call your SGS Project Manager at (907) 562-2343.

The following descriptors may be found on your report which will serve to further qualify the data.

PQL	Practical Quantitation Limit (reporting limit).
U	Indicates the analyte was analyzed for but not detected.
F	Indicates value that is greater than or equal to the PQL.
J	The quantitation is an estimation.
ND	Indicates the analyte is not detected.
B	Indicates the analyte is found in a blank associated with the sample.
*	The analyte has exceeded allowable regulatory or control limits.
GT	Greater Than
D	The analyte concentration is the result of a dilution.
LT	Less Than
!	Surrogate out of control limits.
Q	QC parameter out of acceptance range.
M	A matrix effect was present.
JL	The analyte was positively identified, but the quantitation is a low estimation.
E	The analyte result is above the calibrated range.

Note: Soil samples are reported on a dry weight basis unless otherwise specified.



SGS Ref.# 1054603001
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID Waste7
Matrix Soil/Solid
Location/Well ID Waste7

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 14:36
Collected Date/Time 07/18/2005 14:20
Received Date/Time 07/25/2005 17:20
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	63.7 U	63.7	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1221	63.7 U	63.7	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1232	63.7 U	63.7	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1242	63.7 U	63.7	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1248	63.7 U	63.7	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1254	63.7 U	63.7	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1260	5250	637	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	76.8		%	SW8082	A	60-125	07/27/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	78.4		%	SM20 2540G	A			07/26/05	JC



SGS Ref.# 1054603002
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID Waste110
Matrix Soil/Solid
Location/Well ID Waste110

All Dates/Times are Alaska Standard Time

Printed Date/Time 07/29/2005 14:36
Collected Date/Time 07/18/2005 17:50
Received Date/Time 07/25/2005 17:20
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	53.6 U	53.6	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1221	53.6 U	53.6	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1232	53.6 U	53.6	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1242	53.6 U	53.6	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1248	53.6 U	53.6	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1254	53.6 U	53.6	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1260	2020	536	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	80.3		%	SW8082	A	60-125	07/27/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	92.9		%	SM20 2540G	A			07/26/05	JC



SGS Ref.# 1054603003
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID Waste98
Matrix Soil/Solid
Location/Well ID Waste98

All Dates/Times are Alaska Standard Time
Printed Date/Time 07/29/2005 14:36
Collected Date/Time 07/18/2005 13:30
Received Date/Time 07/25/2005 17:20
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	56.1 U	56.1	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1221	56.1 U	56.1	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1232	56.1 U	56.1	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1242	56.1 U	56.1	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1248	56.1 U	56.1	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1254	56.1 U	56.1	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
Aroclor-1260	11900	561	ug/Kg	SW8082	A		07/27/05	07/28/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	84.3		%	SW8082	A	60-125	07/27/05	07/28/05	WAA
<u>Solids</u>									
Total Solids	88.7		%	SM20 2540G	A			07/26/05	JC

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-06

Quote No.: 6970

PAGE 1 OF 1

Contact: Michelle Turner

Phone No: 907-563-0013

Project: 25037 NE Cape

Reports To:

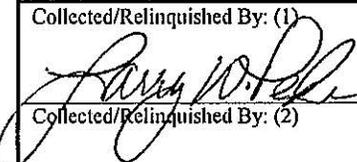
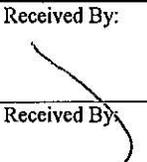
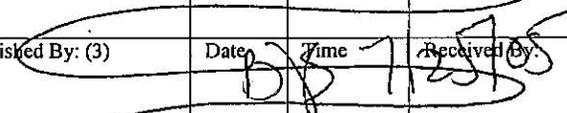
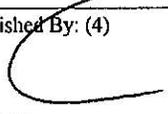
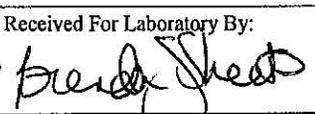
Michelle Turner

BEESC

2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1118

No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	1054603 
	C= COMP D= discrete				

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
① A	Waste7	7/18/05	14200	SL	1	C	X	X	--	
②	Waste110	7/18/05	1750	SL	1	C	X	X	--	
③	Waste98	7/18/05	1330	SL	1	C	X	X	--	
									--	
									--	
									--	
									--	
									--	

Collected/Relinquished By: (1) 	Date 7/18/05	Time 1650	Received By: 	Shipping Carrier:	Temperature C: 16.6°C
Collected/Relinquished By: (2)	Date	Time	Received By:	Shipping Ticket No:	Chain of Custody Seal: (Circle) INTACT, BROKEN, ABSENT
Collected/Relinquished By: (3) 	Date	Time 7:25:05	Received By:	Data Deliverables: USACE data deliverables requested; SEDD and COELT EDDs requested	
Collected/Relinquished By: (4) 	Date 7/20/05	Time 1420	Received For Laboratory By: 	Requested Turnaround Time and Special Instructions: NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	



Yes No NA

Are samples RUSH, priority, or w/n 72 hrs. of hold time?

If yes have you done e-mail notification?

Are samples within 24 hrs. of hold time or due date?

If yes, have you spoken with Supervisor?

Archiving bottles- if req., are they properly marked?

Are there any problems? PM Notified? _____

Were samples preserved correctly and pH verified?

If this is for PWS, provide PWSID. _____

Will courier charges apply?

Method of payment? _____

Data package required? (Level: 1 / 2 / 3 / 4)

Notes: COELT

Is this a DoD project? (USACE) Navy, AFCEE)

Due Date: 7/28/05

Received Date: 7/25/05

Received Time: 1720

Is date/time conversion necessary? no

of hours to AK Local Time: _____

Thermometer ID: 7D

Cooler ID	Temp Blank	Cooler Temp
<u>1</u>	<u>6.6</u> °C	<u>9.6</u> °C
_____	_____ °C	_____ °C
_____	_____ °C	_____ °C
_____	_____ °C	_____ °C
_____	_____ °C	_____ °C

*Temperature readings include thermometer correction factors

Delivery method (circle all that apply): Client

Alert Courier / UPS / FedEx / USPS

AA Goldstreak / NAC / ERA / PenAir / Carille

Lynden / SGS / Other: _____

Airbill # _____

Additional Sample Remarks: (✓if applicable)

Extra Sample Volume? _____

Limited Sample Volume? _____

Field preserved for volatiles? _____

Field-filtered for dissolved? _____

Lab-filtered for dissolved? _____

Ref Lab required? _____

Foreign Soil? _____

This section must be filled out for DoD projects (USACE, Navy, AFCEE)

Yes No

Is received temperature 4 ± 2°C?

Exceptions: _____ Samples/Analyses Affected: 1-3A

N/A Rad Screen performed? Result: _____

N/A Was there an airbill? (Note # above in the right hand column)

N/A Was cooler sealed with custody seals?

/ where: _____

N/A Were seal(s) intact upon arrival?

N/A Was there a COC with cooler?

N/A Was COC sealed in plastic bag & taped inside lid of cooler?

N/A Was the COC filled out properly?

N/A Did the COC indicate COE / AFCEE / Navy project?

N/A Did the COC and samples correspond?

N/A Were all sample packed to prevent breakage?

Packing material: _____

N/A Were all samples unbroken and clearly labeled?

N/A Were all samples sealed in separate plastic bags?

N/A Were all VOCs free of headspace and/or MeOH preserved?

N/A Were correct container / sample sizes submitted?

N/A Is sample condition good?

N/A Was copy of CoC, SRF, and custody seals given to PM to fax?

This section must be filled if problems are found.

Yes No

Was client notified of problems? _____

Individual contacted: _____

Via: Phone / Fax / Email (circle one) _____

Date/Time: _____

Reason for contact: _____

Change Order Required? _____

SGS Contact: _____

Notes: * Samples received out of temp limits

Completed by (sign): Brenda Sheets (print): Brenda Sheets

Login proof (check one): waived _____ required _____ performed by: _____



Laboratory Analysis Report

200 W. Potter Drive
Anchorage, AK 99518-1605
Tel: (907) 562-2343
Fax: (907) 561-5301
Web: <http://www.us.sgs.com>

Michelle Turner
Bristol Environmental
2000 W Intl Airport Rd, Ste CI
Anchorage, AK 995021117

Work Order: I054652
NE Cape Boiler
Client: Bristol Environmental
Report Date: July 29, 2005

Released by:

Enclosed are the analytical results associated with the above workorder.

As required by the state of Alaska and the USEPA, a formal Quality Assurance/Quality Control Program is maintained by SGS. A copy of our Quality Control Manual that outlines this program is available at your request. The laboratory ADEC certification numbers are AK971-05 (DW), UST-005 (CS) and AK00971 (Micro).

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Q	QC parameter out of acceptance range.
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JL	The analyte was positively identified, but the quantitation is a low estimation.
E	The analyte result is above the calibrated range.

Note: Soil samples are reported on a dry weight basis unless otherwise specified.

Bulk Sample Analysis for Asbestos

WEC Project #: 05G-359
Client Project#: 1054652

Report #: 27950
Report By: C.Corpuz
Report Date: 7/29/2005

Client: SGS Environmental
200 W. Potter Dr.
Anchorage, AK 99518

Collection Date: 7/23/2005
Collection By: CLIENT
TAT: 3 Business Days
Analysis By: B.Carroll
Analysis Date: 7/29/2005
Received By: Carroll
Received Date: 7/27/2005

Samples: 5 # Layers: 5

Project Name/Location: Bristol Environmental Boiler

Client ID#	WEC ID#	Location	Material	Layer
05NECAF101	AB05-4079	1054652001	Thermal Sys. Ins.	1 of 1
ASBESTOS			% Asbestos: 13%	
Chrysotile 5%			Homo- genous No	Color Grey
Amosite 8%				
Other Fibrous Materials			% Non-Fibrous Materials: 87%	
None Detected				

Client ID#	WEC ID#	Location	Material	Layer
05NECAF102	AB05-4080	1054652002	Thermal Sys. Ins.	1 of 1
ASBESTOS			% Asbestos: 13%	
Chrysotile 5%			Homo- genous No	Color Off-White
Amosite 8%				
Other Fibrous Materials			% Non-Fibrous Materials: 87%	
None Detected				

Client ID#	WEC ID#	Location	Material	Layer
05NECAF103	AB05-4081	1054652003	Gasket	1 of 1
ASBESTOS			% Asbestos: 70%	
Chrysotile 70%			Homo- genous No	Color Off-White
Other Fibrous Materials			% Non-Fibrous Materials: 30%	
None Detected				

Client ID#	WEC ID#	Location	Material	Layer
05NECAF104	AB05-4082	1054652004	Gasket	1 of 1
ASBESTOS			% Asbestos: 40%	
Chrysotile 40%			Homo- genous No	Color Brown
Other Fibrous Materials			% Non-Fibrous Materials: 60%	
None Detected				

Bulk Sample Analysis for Asbestos

WEC Project #: 05G-359

Client Project#: 1054652

Report #: 27950

Report By: C.Corpuz

Report Date: 7/29/2005

Client ID# 05NECAF105	WEC ID# AB05-4083	Location 1054652005	Material Gasket	Layer 1 of 1
ASBESTOS		% Asbestos: 45%	Homo- genous No	Color Brown
Chrysotile 45%				
Other Fibrous Materials		% Non-Fibrous Materials: 55%		
None Detected				

Analyst *R. C. Corpuz* Date *7-29-05*
 QC *B. O. Bray* Date *7-29-05*

Analysis performed by EPA Method 600/R-93/116. All quantities reported are based on visual estimation by PLM, unless point-counting method is requested and noted for the sample. Test report relates only to items tested and must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. Test reports must not be reproduced without the approval of WEC Inc., and are subject to WEC Inc. General Terms and Conditions (see reverse).



Laboratory Analysis Report

200 W. Potter Drive
Anchorage, AK 99518-1605
Tel: (907) 562-2343
Fax: (907) 561-5301
Web: <http://www.us.sgs.com>

G ichelle Turner
Bristol Environmental
2000 W Mtl Airport RJ, Ute C1
Anchorage, AK 995021117

Work Order:	1055152	
	25037 NE Cape 04 036	Released by:
Client:	Bristol Environmental	
Report Date:	August 19, 2005	

EncloseJ are the analytical results associateJ with the above wordorJer.

As rekuireJ by the state oqAlasda anJ the f UEPA, a qprmal S uality Assurance/S uality Control Program is maintaineJ by UQU. A copy oqour S uality Control G anual that outlines this program is available at your rekuest. The laboratory ADEC certification numbers are AK971-05 (DW), f UT-005 (CU) anJ AK00971 (G icro).

Except as speciqically noteJ, all statements anJ Jata in this report are in conqprmance to the provisions set qorth by the UQU S uality Assurance Program Plan anJ the National Environmental Laboratory AccreJitation Conqrence.

Mjyou have any kuestions regarJing this report or iqwe can be oqany other assistance, please call your UQUProlect G anager at (907) 562-2343.

The qollowing Jcriptors may be qunJ on your report which will serve to qurther kualiqy the Jata.

PS L	Practical S uantitation Limit (reporting limit).
f	MJ icates the analyte was analyzeJ qpr but not J etecteJ.
F	MJ icates value that is greater than or ekual to the G DL.
j	The kuantitation is an estimation.
ND	MJ icates the analyte is not J etecteJ.
B	MJ icates the analyte is qunJ in a bland associateJ with the sample.
*	The analyte has exceeJ eJ allowable regulatory or control limits.
QT	Qreater Than
D	The analyte concentration is the result oqa J ilution.
LT	Less Than
!	Uurrogate out oqcontrol limits.
S	S C parameter out oqacceptance range.
G	A matrix eqqct was present.
jL	The analyte was positively iJ entiqeJ, but the kuantitation is a low estimation.
E	The analyte result is above the calibrateJ range.

Note: Uoil samples are reporteJ on a Jry weight basis unless otherwise speciqeJ.



SGS Ref.# 1055152001
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC011
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC011

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/04/2005 10:00
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	80.4		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152006
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC021
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC021

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/04/2005 10:20
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	48.1 U	48.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	82.4		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152011
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC031
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC031

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/04/2005 10:45
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	47.3 U	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	47.3 U	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	47.3 U	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	47.3 U	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	47.3 U	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	47.3 U	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	24.8 J	47.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	79.5		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152016
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC041
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC041

All Dates/Times are Alaska Standard Time

Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/04/2005 11:05
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.9 U	50.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	82.8		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152021
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC051
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC051

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/04/2005 11:25
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	48.3 U	48.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	79.8		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152026
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC061
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC061

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/04/2005 11:50
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	48.9 U	48.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	82.7		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152031
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC071
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC071

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/04/2005 15:25
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	47.0 U	47.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	78.9		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152036
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC081
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC081

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/05/2005 9:35
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	81.4		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152041
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC091
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC091

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/05/2005 10:05
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.0 U	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.0 U	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.0 U	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.0 U	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.0 U	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.0 U	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	44.5 J	50.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	79.1		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152042
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC092
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC092

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/05/2005 10:05
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.3 U	50.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	81		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152048
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC101
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC101

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/05/2005 10:35
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	101 U	101	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	82.5		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152055
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC111
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC111

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/05/2005 11:10
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.6 U	50.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	84.7		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152060
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC121
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC121

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/05/2005 11:45
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	49.0 U	49.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	82.1		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152061
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC122
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC122

All Dates/Times are Alaska Standard Time

Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/05/2005 11:45
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	49.9 U	49.9	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	82.8		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152067
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC131
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC131

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/05/2005 12:15
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	49.3 U	49.3	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	88.3		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152074
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC141
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC141

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 8:30
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	49.2 U	49.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	80.8		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152075
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC142
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC142

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 8:30
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	83.8		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152081
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC151
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC151

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 8:55
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.1 U	50.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	88.5		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152086
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC161
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC161

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 9:20
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	90.1		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152091
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC171
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC171

All Dates/Times are Alaska Standard Time

Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 9:40
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	51.0 U	51.0	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	85.7		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152096
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC181
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC181

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 10:10
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.8 U	50.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	91.2		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152101
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC191
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC191

All Dates/Times are Alaska Standard Time

Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 10:35
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.2 U	50.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	84.1		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152106
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC201
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC201

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 10:55
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	48.8 U	48.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	79.3		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152111
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC211
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC211

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 11:15
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	102 U	102	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	78.3		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152116
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC221
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC221

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 8:55
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	81.1		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152121
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC231
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC231

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 9:05
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	49.8 U	49.8	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	77.5		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152124
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFCC241
Matrix Other Solids (Wet Weight)
Location/Well ID 05NECAFCC241

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 9:25
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	49.1 U	49.1	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Surrogates									
Decachlorobiphenyl <surr>	81.9		%	SW8082	A	60-125	08/16/05	08/17/05	WAA



SGS Ref.# 1055152127
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFSL24A
Matrix Soil/Solid
Location/Well ID 05NECAFSL24A

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 9:35
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	51.6 U	51.6	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	78.5		%	SW8082	A	60-125	08/16/05	08/17/05	WAA
<u>Solids</u>									
Total Solids	97.3		%	SM20 2540G	A			08/16/05	HM



SGS Ref.# 1055152128
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFSL56Re
Matrix Soil/Solid
Location/Well ID 05NECAFSL56Re

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 15:50
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	56.2 U	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	56.2 U	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	56.2 U	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	56.2 U	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	56.2 U	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	56.2 U	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	114	56.2	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	78.7		%	SW8082	A	60-125	08/16/05	08/17/05	WAA
<u>Solids</u>									
Total Solids	88.6		%	SM20 2540G	A			08/16/05	HM



SGS Ref.# 1055152129
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NECAFSL61Re
Matrix Soil/Solid
Location/Well ID 05NECAFSL61Re

All Dates/Times are Alaska Standard Time
Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 15:55
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	50.7 U	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	77.1	50.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	78.1		%	SW8082	A	60-125	08/16/05	08/17/05	WAA
<u>Solids</u>									
Total Solids	96.4		%	SM20 2540G	A			08/16/05	HM



SGS Ref.# 1055152130
Client Name Bristol Environmental
Project Name/# 25037 NE Cape 04 036
Client Sample ID 05NEC31SL109Re
Matrix Soil/Solid
Location/Well ID 05NEC31SL109Re

All Dates/Times are Alaska Standard Time

Printed Date/Time 08/19/2005 16:06
Collected Date/Time 08/07/2005 18:10
Received Date/Time 08/12/2005 15:00
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.7 U	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1221	51.7 U	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1232	51.7 U	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1242	51.7 U	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1248	51.7 U	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1254	51.7 U	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
Aroclor-1260	145	51.7	ug/Kg	SW8082	A		08/16/05	08/17/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	82.2		%	SW8082	A	60-125	08/16/05	08/17/05	WAA
<u>Solids</u>									
Total Solids	97.5		%	SM20 2540G	A			08/16/05	HM



Laboratory Analysis Report

200 W. Potter Drive
Anchorage, AK 99518-1605
Tel: (907) 562-2343
Fax: (907) 561-5301
Web: <http://www.us.sgs.com>

Michelle Turner
Bristol Environmental
111 W. 16th Ave. Suite 301
Anchorage, AK 99501

Work Order:	1055480	
	25037 NE Cape	Released by:
Client:	Bristol Environmental	
Report Date:	September 07, 2005	

Enclosed are the analytical results associated with the above workorder.

As required by the state of Alaska and the USEPA, a formal Quality Assurance/Quality Control Program is maintained by SGS. A copy of our Quality Control Manual that outlines this program is available at your request. The laboratory ADEC certification numbers are AK971-05 (DW), UST-005 (CS) and AK00971 (Micro).

Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS Quality Assurance Program Plan and the National Environmental Laboratory Accreditation Conference.

If you have any questions regarding this report or if we can be of any other assistance, please call your SGS Project Manager at (907) 562-2343.

The following descriptors may be found on your report which will serve to further qualify the data.

PQL	Practical Quantitation Limit (reporting limit).
U	Indicates the analyte was analyzed for but not detected.
F	Indicates value that is greater than or equal to the MDL.
J	The quantitation is an estimation.
ND	Indicates the analyte is not detected.
B	Indicates the analyte is found in a blank associated with the sample.
*	The analyte has exceeded allowable regulatory or control limits.
GT	Greater Than
D	The analyte concentration is the result of a dilution.
LT	Less Than
!	Surrogate out of control limits.
Q	QC parameter out of acceptance range.
M	A matrix effect was present.
JL	The analyte was positively identified, but the quantitation is a low estimation.
E	The analyte result is above the calibrated range.

Note: Soil samples are reported on a dry weight basis unless otherwise specified.



SGS Ref.# 1055480001
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL19
Matrix Soil/Solid
Location/Well ID 05NEC31SL19

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/15/2005 11:20
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	57.6 U	57.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	57.6 U	57.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	57.6 U	57.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	57.6 U	57.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	57.6 U	57.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	57.6 U	57.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	57.6 U	57.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	76		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	85.4		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480002
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL20
Matrix Soil/Solid
Location/Well ID 05NEC31SL20

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/15/2005 11:25
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	55.7 U	55.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	55.7 U	55.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	55.7 U	55.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	55.7 U	55.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	55.7 U	55.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	55.7 U	55.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	58.9	55.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	72.6		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	86.1		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480003
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL11
Matrix Soil/Solid
Location/Well ID 05NEC31SL11

All Dates/Times are Alaska Standard Time

Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/15/2005 11:20
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	58.0 U	58.0	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	58.0 U	58.0	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	58.0 U	58.0	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	58.0 U	58.0	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	58.0 U	58.0	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	58.0 U	58.0	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	17.5 J	58.0	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	73.6		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	85.1		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480004
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NECAFSL22
Matrix Soil/Solid
Location/Well ID 05NECAFSL22

All Dates/Times are Alaska Standard Time

Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/17/2005 13:30
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	52.6 U	52.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	52.6 U	52.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	52.6 U	52.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	52.6 U	52.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	52.6 U	52.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	52.6 U	52.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	52.6 U	52.6	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	72.3		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	90.1		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480005
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NECAFSL23
Matrix Soil/Solid
Location/Well ID 05NECAFSL23

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/17/2005 13:30
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	55.2 U	55.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	55.2 U	55.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	55.2 U	55.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	55.2 U	55.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	55.2 U	55.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	55.2 U	55.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	33.3 J	55.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	75.2		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	89.6		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480006
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NECAFSL26
Matrix Soil/Solid
Location/Well ID 05NECAFSL26

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/17/2005 9:10
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.7 U	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	50.7 U	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	50.7 U	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	50.7 U	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	50.7 U	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	50.7 U	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	206	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	77.9		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	97.3		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480007
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL15
Matrix Soil/Solid
Location/Well ID 05NEC31SL15

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/17/2005 14:00
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	51.7 U	51.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	51.7 U	51.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	51.7 U	51.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	51.7 U	51.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	51.7 U	51.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	51.7 U	51.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	45.0 J	51.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	76.4		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	89.5		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480008
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL16
Matrix Soil/Solid
Location/Well ID 05NEC31SL16

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/17/2005 11:15
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	54.4 U	54.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	54.4 U	54.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	54.4 U	54.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	54.4 U	54.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	54.4 U	54.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	54.4 U	54.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	97.8	54.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	79.7		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	90.8		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480011
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL17
Matrix Soil/Solid
Location/Well ID 05NEC31SL17

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/17/2005 9:05
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	52.4 U	52.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	52.4 U	52.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	52.4 U	52.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	52.4 U	52.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	52.4 U	52.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	52.4 U	52.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	508	52.4	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	80		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	93.6		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480012
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL31BN
Matrix Soil/Solid
Location/Well ID 05NEC31SL31BN

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/19/2005 14:05
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	50.7 U	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	50.7 U	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	50.7 U	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	50.7 U	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	50.7 U	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	50.7 U	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	35.6 J	50.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	72.6		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	90.9		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480013
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL31BE
Matrix Soil/Solid
Location/Well ID 05NEC31SL31BE

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/19/2005 14:10
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	52.3 U	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	52.3 U	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	52.3 U	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	52.3 U	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	52.3 U	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	52.3 U	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	92.9	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	76.3		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	87.6		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480014
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL31BW
Matrix Soil/Solid
Location/Well ID 05NEC31SL31BW

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/19/2005 14:20
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	54.9 U	54.9	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	54.9 U	54.9	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	54.9 U	54.9	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	54.9 U	54.9	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	54.9 U	54.9	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	54.9 U	54.9	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	32.7 J	54.9	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	73.1		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	87.0		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480015
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL06
Matrix Soil/Solid
Location/Well ID 05NEC31SL06

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/17/2005 16:40
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	55.1 U	55.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	55.1 U	55.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	55.1 U	55.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	55.1 U	55.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	55.1 U	55.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	55.1 U	55.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	2570	551	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	83.7		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	86.9		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480016
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL07
Matrix Soil/Solid
Location/Well ID 05NEC31SL07

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/19/2005 11:20
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	53.7 U	53.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	53.7 U	53.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	53.7 U	53.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	53.7 U	53.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	53.7 U	53.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	53.7 U	53.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	83.6	53.7	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	82.2		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	89.6		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480017
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL08
Matrix Soil/Solid
Location/Well ID 05NEC31SL08

All Dates/Times are Alaska Standard Time

Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/17/2005 16:50
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	52.1 U	52.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	52.1 U	52.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	52.1 U	52.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	52.1 U	52.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	52.1 U	52.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	52.1 U	52.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	80.1	52.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	78.4		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	87.4		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480018
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL31A 2W
Matrix Soil/Solid
Location/Well ID 05NEC31SL31A 2W

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/19/2005 16:45
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	54.1 U	54.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	54.1 U	54.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	54.1 U	54.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	54.1 U	54.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	54.1 U	54.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	54.1 U	54.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	412	54.1	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	76.1		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	87.5		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480019
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL09
Matrix Soil/Solid
Location/Well ID 05NEC31SL09

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/19/2005 8:00
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	60.8 U	60.8	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	60.8 U	60.8	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	60.8 U	60.8	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	60.8 U	60.8	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	60.8 U	60.8	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	60.8 U	60.8	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	407	60.8	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	68.6		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	81.8		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480020
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID 05NEC31SL14
Matrix Soil/Solid
Location/Well ID 05NEC31SL14

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/19/2005 8:15
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	53.0 U	53.0	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	53.0 U	53.0	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	53.0 U	53.0	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	53.0 U	53.0	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	53.0 U	53.0	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	53.0 U	53.0	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	1530	265	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	70.9		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	84.6		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480021
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID Waste 98 A
Matrix Soil/Solid
Location/Well ID Waste 98 A

All Dates/Times are Alaska Standard Time

Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/17/2005 14:30
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	52.3 U	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	52.3 U	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	52.3 U	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	52.3 U	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	52.3 U	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	52.3 U	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	519	52.3	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	73.5		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	88.9		%	SM20 2540G	A			08/26/05	HM



SGS Ref.# 1055480022
Client Name Bristol Environmental
Project Name/# 25037 NE Cape
Client Sample ID Waste 31 C
Matrix Soil/Solid
Location/Well ID Waste 31 C

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/07/2005 15:05
Collected Date/Time 08/15/2005 14:30
Received Date/Time 08/24/2005 14:56
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Polychlorinated Biphenyls</u>									
Aroclor-1016	54.2 U	54.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1221	54.2 U	54.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1232	54.2 U	54.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1242	54.2 U	54.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1248	54.2 U	54.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1254	54.2 U	54.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
Aroclor-1260	54.2 U	54.2	ug/Kg	SW8082	A		08/26/05	09/05/05	WAA
<u>Surrogates</u>									
Decachlorobiphenyl <surr>	75.3		%	SW8082	A	60-125	08/26/05	09/05/05	WAA
<u>Solids</u>									
Total Solids	89.5		%	SM20 2540G	A			08/26/05	HM

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-16

Quote No.: 6970

Contact: Michelle Turner

Phone No: 907-563-0013

PAGE 1 OF 1

Project: 25037 NE Cape

Reports To:
Michelle Turner
BEESC
2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1118

No. JARS	Sample Type C= COMP D= discrete	PCB 8082	72-hour TAT	Composite sample name

1055480



LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
①	05NEC31SL19	8/15/05	1120	SL	1	D	X	--	--	
②	05NEC31SL20	8/15/05	1125	SL	1	D	X	--	--	
③	05NEC31SL11	8/15/05	1120	SL	1	D	X	--	--	
④	05NECAFSL22	8/17/05	1330	SL	1	D	X	--	--	
⑤	05NECAFSL23	8/17/05	1330	SL	1	D	X	--	--	
⑥	05NECAFSL26	8/17/05	0910	SL	1	D	X	--	--	
⑦	05NEC31SL15	8/17/05	1400	SL	1	D	X	--	--	
⑧	05NEC31SL16	8/17/05	1115	SL	1	D	X	--	--	MS/MSD
⑨	05NEC31SL17	8/17/05	0905	SL	1	D	X	--	--	
⑩	05NEC31SL31BN	8/19/05	1405	SL	1	D	X	--	--	
⑪	05NEC31SL31BE	8/19/05	1410	SL	1	D	X	--	--	
⑫	05NEC31SL31BW	8/19/05	1420	SL	1	D	X	--	--	

Collected/Relinquished By: (1) <i>Jerry W. P...</i>	Date 8/24/05	Time 1330	Received By:	Shipping Carrier:	Temperature C:
Collected/Relinquished By: (2)	Date	Time	Received By:	Shipping Ticket No:	Chain of Custody Seal: (Circle) INTACT <input type="checkbox"/> BROKEN <input type="checkbox"/> ABSENT
Collected/Relinquished By: (3)	Date	Time	Received By:	Data Deliverables: USACE data deliverables requested; SEDD and COELT EDDs requested	Requested Turnaround Time and Special Instructions:
Collected/Relinquished By: (4) <i>Jerry W. P...</i>	Date 8/24/05	Time 1456	Received For Laboratory By:	NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	COE Contract #:04-036

CHAIN OF CUSTODY RECORD

SGS LABORATORY

200 W. Potter Drive, Anchorage, AK 99518 • 907-562-2343 • Fax 907-561-5301

COC# NEC-17

Quote No.: 6970

Contact: Michelle Turner

Phone No: 907-563-0013

PAGE 1 OF 1

Project: 25037 NE Cape

Reports To:

Michelle Turner

BEESC

2000 W. International Airport Rd., #C-1
Anchorage, AK 99502-1118

No. JARS

Sample Type

C= COMP
D= discrete

PCB 8082

72-hour TAT

Composite sample name

1055480



LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. JARS	Sample Type	PCB 8082	72-hour TAT	Composite sample name	Remarks
⑤ A	05NEC31SL06	8/17/05	1640	SL	1	D	X	--	--	
⑥	05NEC31SL07	8/19/05	1120	SL	1	D	X	--	--	
⑦	05NEC31SL08	8/17/05	1650	SL	1	D	X	--	--	
⑧	05NEC31SL31A-2W	8/19/05	1645	SL	1	D	X	--	--	
⑨	05NEC31SL09	8/19/05	0800	SL	1	D	X	--	--	
⑩ V	05NEC31SL14	8/19/05	0815	SL	1	D	X	--	--	

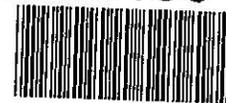
Collected/Relinquished By: (1)	Date	Time	Received By:	Shipping Carrier:	Temperature C:
<i>Jerry W. Pelt</i>	8/24/05	1330			
Collected/Relinquished By: (2)	Date	Time	Received By:	Data Deliverables:	Chain of Custody Seal: (Circle)
				USACE data deliverables requested; SEDD and COELT EDDs requested	INTACT <input type="checkbox"/> BROKEN <input type="checkbox"/> ABSENT <input type="checkbox"/>
Collected/Relinquished By: (3)	Date	Time	Received By:	Requested Turnaround Time and Special Instructions:	
Collected/Relinquished By: (4)	Date	Time	Received For Laboratory By:	NOA Michelle Turner – BEESC 907-563-0013 (mturner@beesc.com) Cooler receipt & temp	
	8/24/05	1456	<i>[Signature]</i>	COE Contract #:04-036	



CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

1055480

Virginia
 ersey



040098

1 CLIENT: Bristol Env. & Eng.

CONTACT: Michelle Turner PHONE NO: (907) 563-0013

PROJECT: NE Cape SITE/PWSID#:

REPORTS TO: 111 16th Ave, Suite 301
Anchorage, AK 99501 FAX NO: (907) 563-6713

INVOICE TO: Same QUOTE # 6970
 P.O. NUMBER 25037

SGS Reference: _____ PAGE 1 OF 1

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	CONTAINERS	SAMPLE TYPE	Preservatives Used	Analysis Required	REMARKS									
									C= COMP	G= GRAB								
<u>(2) A</u>	<u>WASTE 98-A</u>	<u>8/17/05</u>	<u>1430</u>	<u>SL</u>	<u>1</u>	<u>G</u>	<u>X</u>	<u>3</u>	<u>PCB's 8082</u>									
<u>(2) A</u>	<u>WASTE 31MC</u>	<u>8/15/05</u>	<u>1430</u>	<u>SL</u>	<u>1</u>	<u>G</u>	<u>X</u>											

5 Collected/Relinquished By: (1) Larry W. Peltier Date 8/24/05 Time 1445 Received By:

Relinquished By: (2) _____ Date _____ Time _____ Received By: _____

Relinquished By: (3) _____ Date _____ Time _____ Received By: _____

Relinquished By: (4) _____ Date 8/24/05 Time 1455 Received By: _____

4 Shipping Carrier: _____ Samples Received Cold? (Circle) YES NO

Shipping Ticket No: _____ Temperature °C: 13-18 . 8.7

Special Deliverable Requirements: _____ Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions: _____

SAMPLE RECEIPT FORM

SGS WO#:

1055480



Yes No NA

- Are samples RUSH, priority, or w/n 72 hrs. of hold time?
If yes have you done e-mail notification?
Are samples within 24 hrs. of hold time or due date?
If yes, have you spoken with Supervisor?
Archiving bottles- if req., are they properly marked?
Are there any problems? PM Notified?
Were samples preserved correctly and pH verified?

- If this is for PWS, provide PWSID.
Will courier charges apply?
Method of payment?
Data package required? (Level: 1 / 2 / 3 / 4)
Notes:
Is this a DoD project? (USACE, Navy, AFCEE)

Due Date: 9-8-05

Received Date: 8-24-05

Received Time: 1456

Is date/time conversion necessary? N

of hours to AK Local Time:

Thermometer ID: SD

Table with 3 columns: Cooler ID, Temp Blank, Cooler Temp. Row 1: 1, 4-8, 8.7

*Temperature readings include thermometer correction factors

Delivery method (circle all that apply): Client
Alert Courier / UPS / FedEx / USPS /
AA Goldstreak / NAC / ERA / PenAir / Carlile
Lynden / SGS / Other:

Airbill #

- Additional Sample Remarks: (sqrt if applicable)
Extra Sample Volume?
Limited Sample Volume?
Field preserved for volatiles?
Field-filtered for dissolved?
Lab-filtered for dissolved?
Ref Lab required?
Foreign Soil?

This section must be filled out for DoD projects (USACE, Navy, AFCEE). Grid of questions regarding sample handling, COC, and packaging.

This section must be filled if problems are found. Questions about client notification, contact info, and change orders.

Notes:

Completed by (sign): [Signature] (print): James Johnson
Login proof (check one): waived [X] required performed by:



Laboratory Analysis Report

200 W. Potter Drive
Anchorage, AK 99518-1605
Tel: (907) 562-2343
Fax: (907) 561-5301
Web: <http://www.us.sgs.com>

Michelle Turner
Bristol Environmental
111 W. 16th Ave. Suite 301
Anchorage, AK 99501

Work Order:	1055514	
	NE Cape	Released by:
Client:	Bristol Environmental	
Report Date:	September 19, 2005	

Enclosed are the analytical results associated with the above workorder.

As required by the state of Alaska and the USEPA, a formal Quality Assurance/Quality Control Program is maintained by SGS. A copy of our Quality Control Manual that outlines this program is available at your request. The laboratory ADEC certification numbers are AK971-05 (DW), UST-005 (CS) and AK00971 (Micro).

The laboratory NELAC certification number is 001327.

Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS Quality Assurance Program Plan and the National Environmental Laboratory Accreditation Program.

If you have any questions regarding this report or if we can be of any other assistance, please call your SGS Project Manager at (907) 562-2343.

PQL	Practical Quantitation Limit (reporting limit).
U	Indicates the analyte was analyzed for but not detected.
F	Indicates value that is greater than or equal to the MDL.
J	The quantitation is an estimation.
ND	Indicates the analyte is not detected.
B	Indicates the analyte is found in a blank associated with the sample.
*	The analyte has exceeded allowable regulatory or control limits.
GT	Greater Than
D	The analyte concentration is the result of a dilution.
LT	Less Than
!	Surrogate out of control limits.
Q	QC parameter out of acceptance range.
M	A matrix effect was present.
JL	The analyte was positively identified, but the quantitation is a low estimation.
E	The analyte result is above the calibrated range.

Note: Soil samples are reported on a dry weight basis unless otherwise specified.



SGS Ref.# 1055514001
Client Name Bristol Environmental
Project Name/# NE Cape
Client Sample ID 05NECAFMI07
Matrix Other Solids (Wet Weight)

All Dates/Times are Alaska Standard Time
Printed Date/Time 09/19/2005 16:34
Collected Date/Time 08/21/2005 8:20
Received Date/Time 08/25/2005 15:20
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Characterization</u>									
Aqueous Phase, Total	0.0		%	TCLP	A			08/25/05	CRH
Oil Phase, Total	0.0		%	TCLP	A			08/25/05	CRH
Solid Phase, Total	100		%	TCLP	A			08/25/05	CRH
<u>TCLP Metals</u>									
Arsenic	0.500 U	0.500	mg/L	SW6010B TCLP	A	(<=5)	09/06/05	09/16/05	PJH
Barium	1.05	0.100	mg/L	SW6010B TCLP	A	(<=100)	09/06/05	09/16/05	PJH
Cadmium	0.0257 J	0.0500	mg/L	SW6010B TCLP	A	(<=1)	09/06/05	09/16/05	PJH
Chromium	0.200 U	0.200	mg/L	SW6010B TCLP	A	(<=5)	09/06/05	09/16/05	PJH
Lead	50.7	* 0.500	mg/L	SW6010B TCLP	A	(<=5)	09/06/05	09/16/05	PJH
Selenium	1.00 U	1.00	mg/L	SW6010B TCLP	A	(<=1)	09/06/05	09/16/05	PJH
Silver	0.200 U	0.200	mg/L	SW6010B TCLP	A	(<=5)	09/06/05	09/16/05	PJH
Mercury by Cold Vapor	2.00 U	2.00	ug/L	SW7470A TCLP	A	(<=200)	09/06/05	09/08/05	ESB



CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

1055514



Virginia
 arsey

041161

1 CLIENT: BRISTOL ENV + ENG

CONTACT: MICHELLE TURNER PHONE NO.: 907 563-0013

PROJECT: NE CAPE SITE/PWSID#:

REPORTS TO: MICHELLE TURNER FAX NO.:()

INVOICE TO: STEVE JOHNSON QUOTE # 6970

P.O. NUMBER 25037

SGS Reference: _____ PAGE 1 OF 1

No	CONTAINERS	SAMPLE TYPE	Preservatives Used	Analysis Required											REMARKS		
					C= COMP	G= GRAB											
				3	TCLP Metals												

2

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No	CONTAINERS	SAMPLE TYPE	Preservatives Used	Analysis Required											REMARKS
DA	05NECAFMI07	8/21/05	8:20	ASH	1	G			X											

5

Collected/Relinquished By: (1) <u>H. M. Seft</u>	Date <u>8/25</u>	Time <u>1520</u>	Received By:
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date <u>8/25/05</u>	Time <u>1520</u>	Received By: <u>[Signature]</u>

4

Shipping Carrier:	Samples Received Cold? (Circle) YES NO
Shipping Ticket No:	<u>Ambicel</u> Temperature C: <u>JH</u>
Special Deliverable Requirements:	Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT
Requested Turnaround Time and Special Instructions: <u>COE Contract #: 04-036</u>	



SAMPLE RECEIPT FORM

SGS WO#:

Yes No NA

- Are samples RUSH, priority, or w/n 72 hrs. of hold time?
If yes have you done e-mail notification?
Are samples within 24 hrs. of hold time or due date?
If yes, have you spoken with Supervisor?
Archiving bottles- if req., are they properly marked?
Are there any problems? PM Notified?
Were samples preserved correctly and pH verified?

Due Date: 9-9-05

Received Date: 8/25/05

Received Time: 1520

Is date/time conversion necessary? NO

of hours to AK Local Time:

Thermometer ID:

Table with 3 columns: Cooler ID, Temp Blank, Cooler Temp. Includes handwritten entry 'ambient'.

*Temperature readings include thermometer correction factors

Delivery method (circle all that apply): Client

- Alert Courier / UPS / FedEx / USPS /
AA Goldstreak / NAC / ERA / PenAir / Carlife
Lynden / SGS / Other:

Airbill #

Additional Sample Remarks: (√if applicable)

- Extra Sample Volume?
Limited Sample Volume?
Field preserved for volatiles?
Field-filtered for dissolved?
Lab-filtered for dissolved?
Ref Lab required?
Foreign Soil?

This section must be filled out for DoD projects (USACE, Navy, AFCEE)

Yes No

Is received temperature 4 ± 2°C?
Exceptions: Samples/Analyses Affected:

Rad Screen performed? Result:
Was there an airbill? (Note # above in the right hand column)

Was cooler sealed with custody seals?
/ where: NO Cooler

Were seal(s) intact upon arrival?
Was there a COC with cooler?
Was COC sealed in plastic bag & taped inside lid of cooler?

Was the COC filled out properly?
Did the COC indicate COE / AFCEE / Navy project?

Did the COC and samples correspond?
Were all sample packed to prevent breakage?
Packing material:

Were all samples unbroken and clearly labeled?
Were all samples sealed in separate plastic bags?

Were all VOCs free of headspace and/or MeOH preserved?
Were correct container / sample sizes submitted?

Is sample condition good?
Was copy of CoC, SRF, and custody seals given to PM to fax?

This section must be filled if problems are found.

Yes No
Was client notified of problems?

Individual contacted:
Via Phone / Fax / Email (circle one)

Date/Time:
Reason for contact:

Change Order Required?
SGS Contact:

Notes:

Completed by (sign): Jessica Hamilton (print): Jessica Hamilton
Login proof (check one): waived required performed by:

SGS/CT&E Environmental Services

TCLP SAMPLE CHARACTERIZATION

HSN#: 5514-1A Date: 8-25-05 Analyst: SP

Sample Vol. (mL): 2802 Container Volume (mL): 802

Top _____ % (xylene miscible) Description / Notes: _____

Middle _____ % (water miscible) Description / Notes: _____

Bottom 100 % (solids) Description / Notes: BK. Ash like material

Percent Solids Determination:

Original Sample & Container weight (g): _____	Solid % of sample: _____
Empty Original Container weight (g): _____	Liquid % of sample: _____
Clean Container weight (g): _____	Weight solids extracted (g): _____
Original Sample weight (g): _____	Extraction Fluid: _____
Filter weight (g): _____	Vol. Original Liquid Added Back (mL) _____
Clean Container & Liquid weight (g): _____	Liquid Volume (mL): _____
Liquid weight (g): _____	
Filter & Solid Sample weight (g): _____	
Solid weight (g): _____	

Notes: _____

HSN#: _____ Date: _____ Analyst: _____

Sample Volume (mL): _____ Container Volume (mL): _____

Top _____ % (xylene miscible) Description / Notes: _____

Middle _____ % (water miscible) Description / Notes: _____

Bottom _____ % (solids) Description / Notes: _____

Percent Solids Determination:

Original Sample & Container weight (g): _____	Solid % of sample: _____
Empty Original Container weight (g): _____	Liquid % of sample: _____
Clean Container weight (g): _____	Weight solids extracted (g): _____
Original Sample weight (g): _____	Extraction Fluid: _____
Filter weight (g): _____	Vol. Original Liquid Added Back (mL) _____
Clean Container & Liquid weight (g): _____	Liquid Volume (mL): _____
Liquid weight (g): _____	
Filter & Solid Sample weight (g): _____	
Solid weight (g): _____	

Notes: _____

APPENDIX H

Permits and Regulatory Notifications

Finding of No Significant Impact

FINDING OF NO SIGNIFICANT IMPACT

In accordance with the National Environmental Policy Act of 1969, as amended, the U.S. Army Corps of Engineers, Alaska District, has assessed the environmental impacts of the following action:

White Alice Site Removal Action
Northeast Cape
St. Lawrence Island, Alaska
Defense Environmental Restoration Program
Formerly Used Defense Site

The U.S. Army Corps of Engineers will conduct a removal action, to include building demolition and debris removal (BDDR) and containerized hazardous and toxic waste (ConHTW), at and around the Northeast Cape White Alice site on St. Lawrence Island, Alaska. This removal action will correct unsafe and potentially hazardous conditions. This removal action is being performed under authority of the Defense Environmental Restoration Program, Formerly Used Defense Sites (DERP-FUDS).

The removal action as proposed includes (1) removal of containerized hazardous and toxic waste, (2) removal of storage tanks, (3) removal of inherently hazardous buildings and structures, including pole lines and wire, (4) incidental asbestos abatement, and (5) removal of septic systems. Access to the site entails maintaining a temporary barge landing facility by discharging clean gravel in navigable waters of the U.S. and upgrading and repairing existing roads. Various alternatives for conducting the proposed action were identified and evaluated to include the no-action alternative, onsite versus offsite disposal, and disposal versus recycling of scrap metal.

Based on an evaluation of approach alternatives, the proposed action includes offsite transportation and disposal of demolition debris and waste items. Scrap metal will be disposed offsite, to include recycling of unpainted metal items to the extent practicable. Petroleum-contaminated soil that is excavated incidental to the removal action activities will remain at the site to await remedial action under the ongoing Remedial Investigation/Feasibility Study (RI/FS) program; excavated soil will be placed back into the excavations and capped with clean fill to prevent exposure. If feasible, unpainted, non-asbestos containing material (ACM) combustible items will be burned onsite to reduce mass and volume of debris that would otherwise be transported offsite and placed in a landfill. Painted items, however, will not be burned due to the anticipated presence of lead and poly-chlorinated biphenyls (PCBs) in the paint. Non-ACM demolition debris will be allowed by the Government to undergo an onsite crushing/grinding operation to reduce the volume of the material prior to transport.

Impacts include the disturbance of vegetation, to include wetlands, to access work areas associated with building demolition and the removal of debris and contamination. Access to the sites will require crossing a number of intermittent streams with heavy equipment. Fill materials will be discharged into waters of the U.S., to include wetlands, for the repair and maintenance of the barge landing facility, to backfill excavations, and

for stream crossings. Impacts to wetlands and other waters of the U.S. will be minimized to the extent practicable.

Mitigation measures incorporated into the project include (1) developing a storm water pollution prevention plan that will include measures to control the potential impacts of soil disturbance; (2) using low tire pressure vehicles in wetland and tundra areas; (3) backfilling, contouring, and seeding excavated areas that previously supported vegetation; (4) not disturbing or removing the raven's nest in the tower when in use; and (5) filtering and/or treating any construction related wastewater prior to its discharge.

The project will have no affect on threatened or endangered species or their critical habitat. The State Historic Preservation Officer (SHPO) has determined that the cleanup of the site will constitute an adverse effect to the White Alice Communication System. As such, a Memorandum of Agreement between the Corps and the SHPO was prepared and signed in July 1999 that describes mitigation measures, which are being implemented.

This work is consistent with the Bering Straits Coastal Management Standards to the extent practicable. The accompanying combined engineering evaluation and cost analysis (EE/CA) and environmental assessment (EA) supports the conclusion that this project will not constitute a major Federal action significantly affecting the quality of the human environment. Therefore, an environmental impact statement is not necessary for the removal action at the Northeast Cape White Alice Site.



Steven T. Perrénot
Colonel, Corps of Engineers
District Engineer

19 JUN 2002

Date

Notice of Intent



U.S. Environmental Protection Agency

National Pollutant Discharge Elimination System (NPDES)

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NOI Application Detail

Notice of Intent (NOI) for Stormwater Discharges Associated with Construction Activity Under a NPDES Permit

NOI Submitted Date: February 23, 2005	Status: Terminated
	Date Discharge Active: March 02, 2005
I. Permit Number	
General Permit Number: AKR100000	
Tracking Number for this Project: AKR10BF40	
II. Operator Information	
Name: BRISTOL ENVIRONMENTAL & ENGIN.	
Street: 2000 W. INT'L AIRPORT RD. #C-1	
City: ANCHORAGE	State: Zip Code: 99502- AK 1117
Phone: 907-563-0013	
III. Project/Site Information	
Project/Site Name: 25037	
Project Street/Location: NORTHEAST CAPE, ST. LAWRENCE ISLAND	
City: NOME	State: Zip Code: 99762 AK
County or similar government subdivision: Nome	
Latitude: 63.3333333	Longitude: 168.966666
Project Located in Indian country? No	Territory:
Estimated Start Date: June 15, 2005	Estimated Completion Date: September 30, 2005
Estimated Area to be Disturbed (to the nearest quarter acre): 4500	
IV. SWPPP Information	
SWPPP Contact Name: STEVE JOHNSON	
Location of SWPPP for viewing: Address in Section III	
Email: SJOHNSON@BEESC.COM	
V. Discharge Information	
Receiving Water: WETLANDS, KITNAGAK BAY	
Consistent with TMDL: Yes	
IV. Endangered Species Information	
I have satisfied permit eligibility with regard to protection of endangered species through the indicated section of Part I.B.3.e(2) of the permit under criterion A.	

VII. NOI Certification Information	
Certified By: CHARLES L.CROLEY	Signed?: Date: February 23, Yes 2005
Postmark Date: February 23, 2005	
VIII. NOT Information	
Date Terminated: October 11, 2005	Termination Reason: Final stabilization has been achieved on all portions of the site for which you are responsible.
Terminated By: MR. CHARLES L. CROLEY, NONE	
Phone: 907-743-9399	

[Back to Search Menu](#)

Notice of Termination

NPDES
Form



United States Environmental Protection Agency
Washington, DC 20460

Notice of Termination (NOT) of Coverage Under an NPDES General Permit for Storm Water Discharges Associated with Construction Activity

Submission of this Notice of Termination constitutes notice that the party identified in Section II of this form is no longer authorized to discharge storm water associated with construction activity under the NPDES program from the site identified in Section III of this form. All necessary information must be included on this form. Refer to the instructions at the end of this form.

I. Permit Information

NPDES Storm Water General Permit Tracking Number: AKR10BF40

Reason for Termination (Check only one):

Final stabilization has been achieved on all portions of the site for which you are responsible.

Another operator has assumed control, according to Appendix G, Section 11.C of the CGP, over all areas of the site that have not been finally stabilized.

Coverage under an alternative NPDES permit has been obtained.

For residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner.

II. Operator Information

Name: BRISTOL ENVIRONMENTAL & ENGIN.

IRS Employer Identification Number (EIN): 92 - 0148722

Mailing Address:

Street: 2000 W. INT'L AIRPORT RD. #C-1

City: ANCHORAGE State: AK Zip Code: 99502 - 1117

Phone: 907 - 563 - 0013 Fax (optional): 907 - 563 - 6713

E-mail (optional): CLCROLEY@BEESC.COM

III. Project/Site Information

Project/Site Name: 25037

Project Street/Location: NORTHEAST CAPE, ST. LAWRENCE IS

City: NOME State: AK Zip Code: 99762 -

County or similar government subdivision: Nome

IV. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Print Name: MR. CHARLES L. CROLEY, NONE

Print Title: SENIOR ENGINEERING TECH

Signature: MR. CHARLES L. CROLEY, NONE

Date: 2005-02-23 00:00:00.0

**Alaska Coastal Management Program
Final Consistency Determination**

STATE OF ALASKA

OFFICE OF THE GOVERNOR

TONY KNOWLES, GOVERNOR

OFFICE OF MANAGEMENT AND BUDGET
DIVISION OF GOVERNMENTAL COORDINATION

SOUTH CENTRAL REGIONAL OFFICE
550 W. 7TH AVENUE, SUITE 1660
ANCHORAGE, ALASKA 99501
PH: (907) 269-7470/FAX: (907) 269-3981

CENTRAL OFFICE
P.O. BOX 110030
JUNEAU, ALASKA 99811-0030
PH: (907) 465-3562/FAX: (907) 465-3075

PIPELINE COORDINATOR'S OFFICE
411 WEST 4TH AVENUE, SUITE 2C
ANCHORAGE, ALASKA 99501-2949
PH: (907) 271-4317/FAX: (907) 272-3829

May 7, 2002

Mr. William Abadie
U.S. Army Corps of Engineers, AK District
CEPOA-EN-CW-ER
P.O. Box 898
Anchorage, AK 99506-0898

Dear Mr. Abadie:

SUBJECT: Northeast Cape White Alice Site -- Removal Action
STATE I.D. NO. AK 0203-17AA
FINAL CONSISTENCY DETERMINATION

The Division of Governmental Coordination (DGC) is coordinating the State's review of the Corps of Engineers' (COE) proposed project for consistency with the Alaska Coastal Management Program (ACMP) and has developed this final consistency determination based on reviewers' comments.

Scope of Project Reviewed

The proposed project is the removal of containerized hazardous and toxic waste, removal of storage tanks, incidental asbestos abatement, removal of existing buildings and structures, including pole lines and wire, and removal of existing septic systems. An existing barge landing site (ADL 416321) will be used for the project. Demolition debris and waste items will be disposed of or recycled off-site. Petroleum contaminated soil will remain on site to await remedial action under the ongoing Remedial Investigation/Feasibility Study program. Excavated soil will be placed back into the excavations and capped with clean fill to prevent exposure. If feasible, unpainted, non-asbestos containing material (ACM) combustible items will be burned onsite. Painted items will not be burned due to the presence of lead and PCBs in the paint. Non-ACM demolition debris will undergo an onsite crushing/grinding operation to reduce the volume of the material prior to transport. *Access to the sites will require the crossing of a number of intermittent streams with heavy equipment. Fill material will be discharged into waters of the U.S., including wetlands, for the repair and maintenance of the barge landing facility, to backfill excavations, and for stream crossings. Four stream crossings will be located at the Quangeghsaq River, these locations will be at the sites of existing polelines that cross the Quangeghsaq River. At each location the contractor will cross the stream a number of times*

using amphibious all-terrain vehicles such as an Argo or Hydro Traxx, or an airboat. No barrier to fish passage will be created by the crossings. The Suqitughneq River will also need to be crossed to access the airstrip. A timber bridge currently goes across the stream, however it may be necessary to stabilize the bridge abutments by placing approximately 15 cy of rip-rap per year to maintain the abutments. If necessary rip-rap would be replaced in June or early July, using an excavator. The excavator itself would not enter the stream during the course of the work. All rip rap placed would be free of silts and fine sands and no creosote or pentachlorophenol treated wood timbers or planks would be placed in waters. The location is T. 25S, R. 54W and KRM.

This final consistency determination applies to the following federal and State authorizations per 6 AAC 50:

U.S. Army Corps of Engineers
Section 404 or 10

Alaska Department of Environmental Conservation (DEC)
Certificate of Reasonable Assurance (401)

Alaska Department of Fish and Game (DFG)
Fish Habitat Permit

Alaska Department of Natural Resources (DNR)
Tideland Permit No. ADL 416321

No State or federal agency may issue an authorization before DGC issues this final consistency determination. But, a consistency determination does not obligate any agency to issue authorization under its own statutory authorities, nor does it supersede its statutory obligations. Authorities outside the ACMP may result in additional permit/lease conditions not contained in the consistency determination. Most State agencies should issue permits within five days after DGC issues this final consistency determination. However, State law does not require DNR to issue authorizations involving disposal of State interest within five days, so it may take considerably longer for you to receive such permits. You may not use any State land without DNR authorization.

The Alaska Departments of Environmental Conservation, Fish and Game, and Natural Resources and the Bering Straits coastal resource service area have reviewed your proposed project. Based on that review, the State concurs with your determination that this proposed project is consistent with the ACMP to the maximum extent practicable because you have adopted the following alternative measures into your project proposal.

1. Methods shall be implemented to filter or settle out suspended sediments from all construction related wastewater, including that resulting from dewatering activities, prior to its direct or indirect discharge into any natural body of water. *(401 Certification)*
2. Materials such as sorbent pads and booms shall be available on-site, and shall be used to contain and cleanup any petroleum product spilled as a result of this activity. *(401 Certification)*
3. Culvert installations and removals shall not occur within the flowing waters of the stream. Techniques such as stream diversion, dam and pump, or stream fluming shall be incorporated into the installation/removal activity to insure that silt laden water is not carried into sensitive fish habitat. *(401 Certification)*

Rationale: *These stipulations are necessary to protect water quality, per 6 AAC 80.140 "Air, Land, and Water Quality".*

4. Banks shall not be altered or disturbed in any way. If stream banks are inadvertently disturbed, they shall be immediately stabilized to prevent erosion. *(Fish Habitat Permit -- Suqitughneq River)*
5. "End-dumping" riprap is prohibited. Riprap shall be strategically placed to prevent excess rock in the streambed. *(Fish Habitat Permit -- Suqitughneq River)*
6. Equipment crossings shall be made from bank to bank in a direction substantially perpendicular to the direction of stream flow. *(Fish Habitat Permit -- Quangeghsaq River)*
7. Equipment crossings shall be made only at locations with gradually sloping banks. There shall be no crossings at locations with sheer or cut banks. *(Fish Habitat Permit -- Quangeghsaq River)*
8. Banks shall not be altered or disturbed in any way to facilitate crossings. If stream banks are inadvertently disturbed, they shall be immediately stabilized to prevent erosion. *(Fish Habitat Permit -- Quangeghsaq River)*
9. If timber/poles are placed in and adjacent to the stream to create a crossing site, they must be placed in such a way that free passage of fish is assured. In addition, all material shall be completely removed from the streambed and banks at the end of each work season. If needed, the streambed shall be recontoured to assure that "trenches" are not left that will trap fish at low-water levels. *(Fish Habitat Permit -- Quangeghsaq River)*
10. Vehicle crossings shall be limited to only what is necessary to accomplish work. *(Fish Habitat Permit -- Quangeghsaq River)*

11. No damming or diversions are permitted. (*Fish Habitat Permit -- Quangeghsaq River*)

Advisories.

- DEC will also carry the following stipulation, not necessary for consistency, on their 401 Certification -- "Design plans for camps' sewage and water systems shall be approved by the Alaska Department of Environmental Conservation, prior to installation of the same."

Your consistency determination may include reference to specific laws and regulations, but this in no way precludes the COE's, or its subcontractor's, responsibility to comply with all other applicable State and federal laws and regulations.

This consistency determination is ONLY for the project as described. If the COE or its subcontractors propose any changes to the approved project, including its intended use, prior to or during its siting, construction, or operation, the COE must contact this office immediately to determine if further review and approval of the revised project is necessary. Changes may require amendments to the State approvals listed in this consistency determination or require additional authorizations.

This final consistency determination represents a consensus reached between you as the project applicant and the reviewing agencies listed above, regarding the conditions necessary to ensure the proposed project is consistent with the ACMP. *We are informing the federal agency responsible for approving a federal authorization for your project that your original proposal has been modified subject to the alternative measures in this consistency determination.*

This final consistency determination is a final administrative decision for purposes of Alaska Appellate Rules 601-612. Any appeal from this decision to the superior court must be made within 30 days of the date of this determination.

If the proposed activities reveal cultural or paleontological resources, please stop any work that would disturb such resources and immediately contact the State Historic Preservation Office (907-269-8720) and the U.S. Army Corps of Engineers (907- 753-2631) so that consultation per section 106 of the National Historic Preservation Act may proceed.

If you have any questions regarding this process, please contact me at 907-269-7475 or email jennifer_wing@gov.state.ak.us.

Sincerely,


Jennifer Nolan Wing *for*
Project Review Coordinator

cc: Stefanie Ludwig, DNR/SHPO, Anchorage
Tim Rumpfelt, DEC, Anchorage
Susan Malen, DNR, Fairbanks
Al Ott, DFG, Fairbanks
Terry Richards, DOT/PF, Fairbanks
Chuck Degnan, BSCRSA, Unalakleet
Tom Sparks, Bering Straits Native Corporation, Nome
Loretta Bullard, Kawerak, Nome
Gambell City Council, Gambell
Gambell IRA Council, Gambell
Sivuqaq Corporation, Gambell
Sitnasuak Native Corporation, Nome
Savoonga City Council, Savoonga
Savoonga IRA Council, Savoonga
Savoonga Native Corporation, Savoonga
Joan Darnell, NPS, Anchorage

ADEC Certificate of Reasonable Assurance

STATE OF ALASKA

DEPT. OF ENVIRONMENTAL CONSERVATION DIVISION OF AIR AND WATER QUALITY NON-POINT SOURCE WATER POLLUTION CONTROL

TONY KNOWLES, GOVERNOR

555 Cordova Street
Anchorage, AK 99501-2617
PHONE: (907) 269-7564
FAX: (907) 269-7508
<http://www.state.ak.us/dec/>

**Certified Return Receipt
7099 3400 0016 8434 4206**

May 9, 2002

William Abadie
US Army Corps of Engineers
CEPOA-EN-CW-ER
PO Box 898
Anchorage, AK 99506

Subject: St. Lawrence Island, White Alice Site, Reference No. ER-02-10
State I.D. No. AK 0203-17AA

Dear Mr. Abadie:

In accordance with Section 401 of the Federal Clean Water Act of 1977 and provisions of the Alaska Water Quality Standards, the Department of Environmental Conservation is issuing the enclosed Certificate of Reasonable Assurance for the proposed placement of fill within wetlands during remediation work at the Northeast Cape White Alice Site, St. Lawrence Island, Alaska.

This certification is one of the approvals required as part of a coastal management consistency determination issued by the Division of Governmental Coordination under AAC 50.070.

Department of Environmental Conservation regulations provide that any person who disagrees with any portion of this action may request an adjudicatory hearing in accordance with 18 AAC 15.200-920. This request should be mailed to the Commissioner of the Alaska Department of Environmental Conservation, 410 Willoughby Avenue, Suite 105, Juneau, Alaska 99801-1795. Please also send a copy of the request for hearing to the undersigned. Failure to submit a hearing request within thirty days of receipt of this letter constitutes a waiver of that person's right to judicial review of this action.

By copy of this letter we are advising the Division of Governmental Coordination of our actions and enclosing a copy of the certification for their use.

Sincerely,



Tim Rumpfelt
Environmental Specialist

Enclosure

cc: (with encl.)

Jennifer Nolan Wing, DGC Anchorage
F&WS

EPA, AK. Operations
ACMP, DNR/DOL

Clean Air, Clean Water

STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CERTIFICATE OF REASONABLE ASSURANCE

A Certificate of Reasonable Assurance, in accordance with Section 401 of the federal Clean Water Act and the Alaska Water Quality Standards, is issued to the US Army Corps of Engineers, Alaska District, CEPOA-EN-CW-ER, PO Box 898, Anchorage, Alaska 99506, for the proposed placement of fill into wetlands during a remediation action. An existing barge landing will be repaired. Stream crossings will be made at eleven different locations, some of which will require repair and maintenance including the installation of culverts and placement of fill materials. Debris holes and associated excavations located in wetlands will also be backfilled.

The proposed activity is located T25S, R54W, Kateel River Meridian, Northeast Cape, St. Lawrence Island, Alaska.

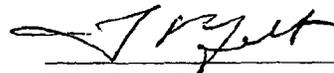
Public notice of the application for this certification was given as required by 18 AAC 15.180.

Water Quality Certification is required under Section 401 because the proposed activity will be authorized by a Corps of Engineers permit identified as ER 02-10, and a discharge may result from the proposed activity.

Having reviewed the application and comments received in response to the public notice, the Alaska Department of Environmental Conservation certifies that there is reasonable assurance that the proposed activity, as well as any discharge which may result, will comply with applicable provisions of Section 401 of the Clean Water Act, the Alaska Water Quality Standards, 18 AAC 70, and the Standards of the Alaska Coastal Management Program, 6 AAC 80, provided that the following stipulations are adhered to. These stipulations were adopted pursuant to 6 AAC 50 (Project Consistency with the Alaska Coastal Management Program) and are necessary to ensure that your project is consistent with the ACMP:

1. Methods shall be implemented to filter or settle out suspended sediments from all construction related wastewater, including that resulting from dewatering activities, prior to its direct or indirect discharge into any natural body of water.
2. Materials such as sorbent pads and booms shall be available on-site, and shall be used to contain and cleanup any petroleum product spilled as a result of this activity.
3. Culvert installations and removals shall not occur within the flowing waters of the stream. Techniques such as stream diversion, dam and pump, or stream fluming shall be incorporated into the installation/removal activity to insure that silt laden water is not carried into sensitive fish habitat.
4. Design plans for camps' sewage and water systems shall be approved by the Alaska Department of Environmental Conservation, prior to installation of the same.

Date 8/9/02



Tim Rumfelt
Environmental Specialist

**ADF&G Fish Habitat Permit
No. FG02-III-072**

113

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

HABITAT AND RESTORATION DIVISION

TONY KNOWLES, GOVERNOR

1300 COLLEGE RD.
FAIRBANKS, AK 97701
PHONE: (907) 459-7289
FAX: (907) 456-3091

RECEIVED

NOV 04 2002

BEESC

October 28, 2002

Mr. Steve Johnson, Project Manager
Bristol Environmental and
Engineering Services Corporation
2000 W. International Airport Road, #C-1
Anchorage, AK 99502-1117

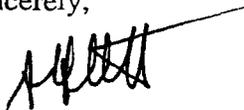
RE: Northeast Cape White Alice Site Removal Project

The Alaska Department of Fish and Game (ADF&G) is in receipt of your October 25, 2002 letter requesting a determination whether ADF&G Fish Habitat Permits are required for nine additional stream crossings and five additional culverts to be installed in intermittent runoff drainages. ADF&G Fish Habitat Permit FG02-III-0072 previously was issued for proposed bridge repair work in the Suqitughneg River (Stream Crossing #5). Fish Habitat Permit FG02-III-0073 was issued for four equipment stream crossings of the Quangeghsaq River (Stream Crossing #11).

Based on our review of the site descriptions and proposed scope of work contained in your request, coupled with known fish distribution information, we have concluded that the nine additional stream crossings and five culverts are not likely located in waterbodies supporting resident or anadromous fish species. Therefore, a Fish Habitat Permit will not be required for any of the additional locations.

Please contact us if further changes in project scope occur. Your point of contact is Mr. Mac McLean who may be reached at 907-459-7281.

Sincerely,



Alvin G. Ott, Regional Supervisor
Habitat and Restoration Division

STATE OF ALASKA

TONY KNOWLES, GOVERNOR

DEPARTMENT OF FISH AND GAME

HABITAT & RESTORATION DIVISION

1300 COLLEGE ROAD
FAIRBANKS, ALASKA 99701-1599
PHONE: (907) 459-7289
FAX: (907) 456-3091

FISH HABITAT PERMIT FG02-III-0072

ISSUED: May 20, 2002
EXPIRES: December 31, 2005

Mr. William Abadie
U.S. Army Corps of Engineers, AK District
CEPOA-EN-CW-ER
P.O. Box 898
Anchorage, AK 99506-0898

Dear Mr. Abadie:

RE: Bridge Repair, Northeast Cape White Alice Site Removal Action (St. Lawrence Island); T25S, R54W, Suqitughneq River; SID AK0203-17AA

Pursuant to AS 16.05.840, the Alaska Department of Fish and Game (ADF&G) has reviewed your proposal to place riprap in the Suqitughneq River (on St. Lawrence Island) to protect the bridge abutments. ADF&G received a description of the proposed project on March 19, 2002 and a more detailed description via email on April 3, 2002.

Your proposed project entails placing approximately 15 cubic yards of riprap at the base of the abutments of the bridge crossing the Suqitughneq River each work season (two work seasons are anticipated). An excavator, operating from the deck of the bridge, will place the riprap.

The Suqitughneq River supports anadromous Dolly Varden (and possibly whitefish) and resident fish (e.g., Alaska blackfish) in the area of your proposed activity. Based upon our review of your plans, your proposed project should not obstruct the efficient passage and movement of fish.

In accordance with AS 16.05.840, project approval is hereby given subject to the following stipulations:

- (1) Banks shall not be altered or disturbed in any way. If stream banks are inadvertently disturbed, they shall be immediately stabilized to prevent erosion.
- (2) "End-dumping" riprap is prohibited. Riprap shall be strategically placed to prevent excess rock in the streambed.

The permittee is responsible for the actions of contractors, agents, or other persons who perform work to accomplish the approved plan. For any activity that significantly deviates from the approved plan, the permittee shall notify the ADF&G and obtain written approval in the form of a permit amendment before beginning the activity. Any action taken by the permittee, or an agent of the permittee, that increases the project's overall scope or that negates, alters, or minimizes the intent or effectiveness of any stipulation contained in this permit will be deemed a significant deviation from the approved plan. The final determination as to the significance of any deviation and the need for a permit amendment is the responsibility of the ADF&G. Therefore, it is recommended that the ADF&G be consulted immediately when a deviation from the approved plan is being considered.

This letter constitutes a permit issued under the authority of AS 16.05.840. This permit must be retained on site during construction. Please be advised that this approval does not relieve you of the responsibility of securing other permits; state, federal or local.

This permit provides reasonable notice from the commissioner that failure to meet its terms and conditions constitutes violation of AS 16.05.860; no separate notice under AS 16.05.860 is required before citation for violation of AS 16.05.840 can occur.

Pursuant to 6 AAC 80.010(b), the conditions of this permit are consistent with the Standards of the Alaska Coastal Management Program and the Bering Straits Coastal District Program.

In addition to the penalties provided by law, this permit may be terminated or revoked for failure to comply with its provisions or failure to comply with applicable statutes and regulations. The department reserves the right to require mitigation measures to correct disruption to fish and game created by the project and which were a direct result of the failure to comply with this permit or any applicable law.

The recipient of this permit (permittee) shall indemnify, save harmless, and defend the department, its agents and its employees from any and all claims, actions or liabilities for injuries or damages sustained by any person or property arising directly or indirectly from permitted activities or the permittee's performance under this permit. However, this provision has no effect, if, and only if, the sole proximate cause of the injury is the department's negligence.

Sincerely,

Robert G. Bosworth, Deputy Commissioner



BY: Alvin G. Ott, Regional Supervisor
Habitat and Restoration Division
Alaska Department of Fish and Game

cc: Harry Bader, ADNR, Fairbanks
Pete McGee, ADEC, Fairbanks
Ann Rappoport, USFWS, Anchorage
Jeanne Hanson, NMFS, Anchorage
Don Kohler, ACOE, Anchorage
Todd Machecek, AST-FWP, Nome
Jennifer Wing, DGC, Anchorage
Chuck Degnan, BSCRSA, Unalakleet

AGO:nji

**ADF&G Fish Habitat Permit
No. FG02-III-073**

STATE OF ALASKA

TONY KNOWLES, GOVERNOR

DEPARTMENT OF FISH AND GAME

HABITAT & RESTORATION DIVISION

1300 COLLEGE ROAD
FAIRBANKS, ALASKA 99701-1599
PHONE: (907) 459-7289
FAX: (907) 456-3091

FISH HABITAT PERMIT FG02-III-0073

ISSUED: May 20, 2002
EXPIRES: December 31, 2005

Mr. William Abadie
U.S. Army Corps of Engineers, AK District
CEPOA-EN-CW-ER
P.O. Box 898
Anchorage, AK 99506-0898

Dear Mr. Abadie:

RE: Equipment Stream Crossing, Northeast Cape White Alice Site Removal Action
(St. Lawrence Island), T25S, R54W, Quangeghsaq River; SID AK 0203-17AA

Pursuant to AS 16.05.840, the Alaska Department of Fish and Game (ADF&G) has reviewed your proposal to make multiple crossings at multiple sites (four) across the Quangeghsaq River with amphibious all-terrain vehicles. Timbers or poles may need to be placed in and adjacent to the stream to create better crossing sites that prevent ATVs from getting stuck and reduce damage to vegetation. Access is needed to cut down and remove hundreds of poles from abandoned utility lines. ADF&G received a description of the proposed project on March 19, 2002 and a more detailed description via email on April 3, 2002.

The Quangeghsaq River supports anadromous Dolly Varden (and possibly whitefish) and resident fish (e.g., Alaska blackfish) in the area of your proposed activity. Based upon our review of your plans, your proposed project may obstruct the efficient passage and movement of fish.

In accordance with AS 16.05.840, project approval is hereby given subject to the following stipulations:

- (1) Equipment crossings shall be made from bank to bank in a direction substantially perpendicular to the direction of stream flow.

Equipment crossings shall be made only at locations with gradually sloping banks. There shall be no crossings at locations with sheer or cut banks.

Banks shall not be altered or disturbed in any way to facilitate crossings. If stream banks are inadvertently disturbed, they shall be immediately stabilized to prevent erosion.

- (2) If timber/poles are placed in and adjacent to the stream to create a crossing site, they must be placed in such a way that free passage of fish is assured. In addition, all material shall be completely removed from the streambed and banks at the end of each work season. If needed, the streambed shall be recontoured to assure that "trenches" are not left that will trap fish at low-water levels.
- (3) Vehicle crossings shall be limited to only what is necessary to accomplish work.
- (4) No damming or diversions are permitted.

The permittee is responsible for the actions of contractors, agents, or other persons who perform work to accomplish the approved plan. For any activity that significantly deviates from the approved plan, the permittee shall notify the ADF&G and obtain written approval in the form of a permit amendment before beginning the activity. Any action taken by the permittee, or an agent of the permittee, that increases the project's overall scope or that negates, alters, or minimizes the intent or effectiveness of any stipulation contained in this permit will be deemed a significant deviation from the approved plan. The final determination as to the significance of any deviation and the need for a permit amendment is the responsibility of the ADF&G. Therefore, it is recommended that the ADF&G be consulted immediately when a deviation from the approved plan is being considered.

This letter constitutes a permit issued under the authority of AS 16.05.840. This permit must be retained on site during construction. Please be advised that this approval does not relieve you of the responsibility of securing other permits, state, federal or local.

This permit provides reasonable notice from the commissioner that failure to meet its terms and conditions constitutes violation of AS 16.05.860; no separate notice under AS 16.05.860 is required before citation for violation of AS 16.05.840 can occur.

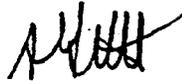
Pursuant to 6 AAC 80.010(b), the conditions of this permit are consistent with the Standards of the Alaska Coastal Management Program and the Bering Straits Coastal District Program.

In addition to the penalties provided by law, this permit may be terminated or revoked for failure to comply with its provisions or failure to comply with applicable statutes and regulations. The department reserves the right to require mitigation measures to correct disruption to fish and game created by the project and which were a direct result of the failure to comply with this permit or any applicable law.

The recipient of this permit (permittee) shall indemnify, save harmless, and defend the department, its agents and its employees from any and all claims, actions or liabilities for injuries or damages sustained by any person or property arising directly or indirectly from permitted activities or the permittee's performance under this permit. However, this provision has no effect, if, and only if, the sole proximate cause of the injury is the department's negligence.

Sincerely,

Robert G. Bosworth, Deputy Commissioner



BY: Alvin G. Ott, Regional Supervisor
Habitat and Restoration Division
Alaska Department of Fish and Game

cc: Harry Bader, ADNR, Fairbanks
Pete McGee, ADEC, Fairbanks
Ann Rappoport, USFWS, Anchorage
Jeanne Hanson, NMFS, Anchorage
Don Kohler, ACOE, Anchorage
Todd Machecek, AST-FWP, Nome
Jennifer Wing, DGC, Anchorage
Chuck Degnan, BSCRSA, Unalakleet

AGO:nji

**ADNR Tideland Permit
No. ADL 416321**

STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF LAND

Northern Region
3700 Airport Way
Fairbanks, AK 99709
(907) 451-2740

Southcentral Region
PO Box 107005
Anchorage, AK 99510-7005
(907) 762-2270

Southeast Region
400 Willoughby, #400
Juneau, AK 99801
(907) 465-3400

TIDELAND PERMIT
11 AAC 62.720

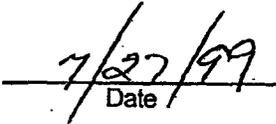
Permit No. ADL 416321
DACA 85-9-99-76

1. Name of Permittee: U.S. Army Corps of Engineers, Alaska District
2. Address: P.O. Box 898, Anchorage, Alaska 99506
3. Legal Description: Township 25 South, Range 54 West, Section 1, Kateel River Meridian
4. This permit is issued for the period beginning June 28, 1999. It expires June 27, 2004.
5. This permit is issued for the purpose of landing barges in conjunction with cleanup of debris and contaminants from the Formerly Used Defense Site at Northeast Cape, St. Lawrence Island. It is also revocable for any breach of the following conditions:
 - a) This permit is subject to an annual use fee of N/A, which must be paid on or before N/A, of every year during the permit term. A late payment penalty the greater of either the fee specified in 11 AAC 05.010 or interest at the rate set by, AS 45.45.010(a) will be assessed on a past-due account until payment is received by the state.
 - b) A bond, cash deposit, certificate of deposit, or other form of security in the amount of N/A is required to cover the cost of site cleanup and restoration and any associated cleanup costs.
 - c) This permit may not be transferred or assigned to another individual or corporation.
 - d) This permit is issued for a specific use and development plan, which is made part of this permit. Use of the permitted area for purposes other than those specified constitutes a breach of this permit and may result in revocation.
 - e) The permittee shall observe all federal, state, and local laws and regulations applicable to the permitted area, including regulations for the protection of fish and wildlife, and shall keep the premises in a neat, orderly, and sanitary condition.
 - f) The permittee shall take all reasonable precautions to prevent water pollution, erosion, or sediment on or in the vicinity of the permitted area.
 - g) Authorized representatives of the State of Alaska shall at all times have the right to enter the permitted area, including the permittee's improvements, on official business.
 - h) ~~The permittee must indemnify the State of Alaska against and hold it harmless from any and all claims, demands, suits, loss, liability and expense for injury to or death of persons and damage to or loss of property arising out of or connected with the exercise of the privileges covered by this permit.~~
 - i) At the expiration of the permit, the permittee may apply in writing for a renewal. The permittee is advised to allow sufficient time for processing the application under then-applicable regulations.

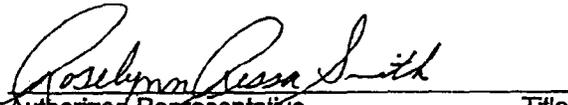
- j) This permit does not convey an interest in state land and as such is revocable immediately, with or without cause. The unused portion of the use fee will be refunded, prorated on a monthly basis, if the permit is revoked without cause. The permittee is authorized to make exclusive use of the permittee's improvements, but is not authorized to preclude or restrict public access on and through the permitted area.
- k) Unless otherwise directed by the state, the permittee shall, within 30 days after termination of the permit, remove all improvements located on the permitted area. Following that removal, the permittee shall leave the permitted area in a safe and clean condition.
- l) The interests served by the public trust doctrine, specifically the right of the public to use navigable waterways and the land beneath them for navigation, commerce, fishing, hunting, protection of areas for ecological study, and other purposes, must be protected.
- m) Other special stipulations are listed on Attachment "A".



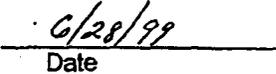
Permittee or Authorized Representative
Chief, Real Estate Division
U.S. Army Engineer District, Alaska



Date



Authorized Representative
Division of Land



Date

Attachment A

1. Authorized Officer.

- a. The Authorized Officer for the Department of Natural Resources is the Northern Regional Manager or her designee. The Authorized Officer may be contacted at 3700 Airport Way, Fairbanks, Alaska 99709 or 907-451-2740.
- b. The Authorized Officer reserves the right to modify these stipulations or use additional stipulations as deemed necessary.

2. Indemnification.

a. Indemnification. (Standard Stipulation #5(h) is replaced to read as follows: The permittor shall not be responsible for damages to property or injuries to persons which may arise from, or be incident to, the use and occupation of the permitted premises or arising out of activities of the permittee, its officers, agents, employees, representatives or contractors; or for any contamination caused by the permittee; or for damages to the property or injuries to the permittor's officers, agents, servants or employees, or others who may be on the permitted premises at their invitation or the invitation of any one of them, except for claims arising out of the negligence or willful misconduct of the permittor, its officers, agents, employees or invitees.

Any liability of the permittee for property damage, personal injury, or death shall be governed by the Federal Tort Claims Act (FTCA), 28 U.S.C. Sec 2671 et seq. Pursuant to the provisions of the FTCA, the permittee assumes responsibility for any negligent acts of its officers and employees, in the scope of employment, incident to this permit. Any requirement for the payment or obligation of funds by the permittee shall be subject to the availability of appropriated funds, and no provision herein shall be interpreted to require obligation or payment of funds in violation of the Anti-Deficiency Act, 31 U.S.C. 1341.

By acceptance hereof and subject to the provisions of the Federal Tort Claims Act, 28 U.S.C. 2671, et Seq., the Permittee assumes full responsibility for the activities, equipment, and personnel incident to this permit.

3. Valid Existing Rights. This [authorization/assignment] is subject to all valid existing rights in and to the land under this [authorization/assignment]. The State of Alaska makes no representations or warranties whatsoever, either expressed or implied, as to the existence, number, or nature of such valid existing rights.
4. Reservation of Rights. The Division reserves the right to grant additional authorizations to third parties for compatible uses on or adjacent to the land under this authorization.
5. Preference Right. No preference right for use or conveyance of the land is granted or implied by this authorization.
6. Alaska Historic Preservation Act. The permittee shall consult the Alaska Heritage Resources Survey (907) 269-8721 so that known historic, archaeological and paleontological sites may be avoided.

The Alaska Historic Preservation Act (AS 41.35.200) prohibits the appropriation, excavation, removal, injury, or destruction of any state-owned historic, prehistoric (paleontological) or archaeological site without a permit from the commissioner. Should any sites be discovered during the course of field operations, activities that may damage the site will cease and the Office of History and Archaeology in the Division of Parks and Outdoor Recreation (907) 269-8721 and shall be notified immediately.

7. Public Trust Doctrine. The Public Trust Doctrine guarantees public access to, and the public right to use, navigable and public waters and the land beneath them for navigation, commerce, fishing,

7. **Public Trust Doctrine.** The Public Trust Doctrine guarantees public access to, and the public right to use, navigable and public waters and the land beneath them for navigation, commerce, fishing, and other purposes. This authorization is issued subject to the principles of the Public Trust Doctrine regarding navigable or public waters. The Division of Land reserves the right to grant other interests consistent with the Public Trust Doctrine.

8. **Alaska Coastal Management Program.** Pursuant to AS 46.40 and 6 AAC 50 and the Conclusive Consistency Determination #AK 990414AA dated June 28, 1999, the permittee shall comply with the following stipulation:

No hazardous materials (this term includes hazardous wastes), toxic substances, petroleum or petroleum products, as defined in State or federal regulations, shall be disposed of on the islands.

Rationale: To ensure that no adverse impacts to air, land, or water quality remain after the cleanup. Bering Straits CRSA Enforceable Policy C-4.3.

9. **Termination.** This permit does not convey an interest in state land.

10. **Assignment.** See Standard stipulation 5(c).

11. **Inspection.**

a. Authorized representatives of the State of Alaska shall have reasonable access to the subject parcel for purposes of inspection.

b. The permittee may be charged fees under 11 AAC 05.010(a)(7)(M) for routine inspections of the subject parcel, inspections concerning non-compliance, and a final close-out inspection.

12. **Compliance with Governmental Requirements; Recovery of Costs.** Permittee shall, at its expense, comply with all applicable laws, regulations, rules and orders, and the requirements and stipulations included in this authorization. Permittee shall ensure compliance by its employees, agents, contractors, subcontractors, licensees, or invitees.

13. **Other Authorizations.** The issuance of this authorization does not alleviate the necessity of the permittee to obtain authorizations required by other agencies for this activity.

14. **Violations.** This authorization is revocable immediately upon violation of any of its terms, conditions, stipulations, nonpayment of fees, or upon failure to comply with any other applicable laws, statutes and regulations (federal and state). Should any unlawful discharge, leakage, spillage, emission, or pollution of any type occur due to permittee's, or its employees', agents', contractors', subcontractors', licensees', or invitees' act or omission, permittee, at its expense shall be obligated to clean the area to the reasonable satisfaction of the State of Alaska.

A permittee who is charged and convicted of any violation of state hunting, trapping or fishing laws and regulations may be subject to revocation of this permit.

15. **Completion Report.**

a. A completion report shall be submitted within 30 days of termination of the authorized activities. The report shall contain the following information:

b. Failure to submit the required report may subject the permitted site to a final field inspection. The permittee shall be assessed a fee for this inspection per 11 AAC 05.010 (a)(7)(M).

16. **Public Access.**

- a. All operations must be conducted in a manner that will ensure minimum conflict with other users of the area. There shall be no interference with free public use of state lands and waters.
- b. Public access may not be restricted without prior approval of the Authorized Officer.

17. **Site Maintenance.** The area subject to this authorization shall be maintained in a neat, clean and safe condition, free of any solid waste, debris or litter.

18. **Notification.** The permittee shall immediately notify DNR and DEC by phone of any unauthorized discharge of oil to water, any discharge of hazardous substances (other than oil), and any discharge of oil greater than 55 gallons on land. All fires and explosions must also be reported.

The DNR 24 hour spill report number is (907) 451-2678; the Fax number is (907) 451-2751. The DEC spill report number is (800) 478-9300. DNR and DEC shall be supplied with all follow-up incident reports.

19. **Gravel Fill.** This permit does not allow the placement of gravel fill on the tidelands. If gravel fill is required for the loading of equipment and supplies, including gravel, the operation must cease until this permit is amended to allow the placement of gravel fill on the tidelands.

**Right-of-Entry for
Environmental Assessment and Response**

DEPARTMENT OF THE ARMY
RIGHT-OF-ENTRY FOR
ENVIRONMENTAL ASSESSMENT AND RESPONSE

Saint Lawrence Island
Project, Installation or Activity

No. DACA85-9-98-42
Tract No., Address or Property I.D.

The undersigned, hereinafter called the "Owner", in consideration of the mutual benefits of the work described below, hereby grants to the **UNITED STATES OF AMERICA**, hereinafter called the "Government", a right-of-entry upon the following terms and conditions:

1. The Owner hereby grants to the Government an irrevocable right to enter in, on, over and across the land described herein, for a period not to exceed five years, beginning with the date of the signing of this instrument, and terminating with the earlier of the completion of the remediation or the filing of a notice of termination in the local land records by the representative of the United States in charge of the Saint Lawrence Island remediation project; for use by the United States, its representatives, agents, contractors, and assigns, as a work area for environmental investigation and response; including the right to store, move, and remove equipment and supplies; erect and remove temporary structures on the land; investigate and collect samples; excavate and remove ordnance and explosive waste, pollutants, hazardous substances, contaminated soils, containerized waste, and replace with uncontaminated soil; excavate and remove all storage tanks (above, at and below ground level), contents and appurtenant piping; demolish and dispose of former military structures and debris; construct, operate, maintain, alter, repair and remove groundwater monitoring wells, groundwater purification and injection systems, appurtenances thereto and other devices for the monitoring and treatment of contamination in soil, air and water; and perform any other such work which may be necessary and incident to the Government's use for the environmental investigation and response on said lands; subject to existing easements for public roads and highways, public utilities, railroads and pipelines; reserving, however, to the landowner(s), their heirs, executors, administrators, successors and assigns, all such right, title, interest and privilege as may be used and enjoyed without interfering with or abridging the rights and right-of-entry hereby acquired.

*End
19 April*

2. The Owner also grants the right to enter and exit over and across any other lands of the Owner as necessary to use the described lands for the purposes listed above.

3. All tools, equipment, and other property taken upon or placed upon the land by the Government shall remain the property of the Government and may be removed by the Government at any time within a reasonable period after the expiration of this permit of right-of-entry.

Saint Lawrence Island, No. DACA85-9-98-42

4. Upon expiration or termination of this right-of-entry, the Government shall assure restoration of the ground contour, replace any pavement or other cover which was removed or damaged for this work, establish a groundcover of grass on areas not otherwise covered and reconnect any operating utility lines which were required to be disconnected or otherwise disrupted.

5. If any action of the Government's employees or agents in the exercise of this right-of-entry results in damage to the real property, the Government will, in its sole discretion, either repair such damage or make an appropriate settlement with the Owner. In no event shall such repair or settlement exceed the fair market value of the fee title to the real property at the time immediately preceding such damage. The Government's liability under this clause is subject to the availability of appropriations for such payment, and nothing contained in this agreement may be considered as implying that Congress will at a later date appropriate funds sufficient to meet any deficiencies. The provisions of this clause are without prejudice to any rights the Owner may have to make a claim under applicable laws for any damages other than those provided for herein.

6. The land affected by this right-of-entry is located in the State of Alaska and is described as follows:

All lands on St. Lawrence Island, Alaska.

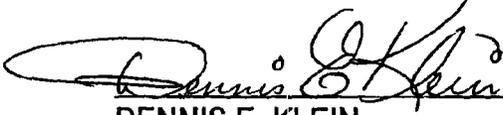
WITNESS MY HAND AND SEAL this 20th day of April, 1998.

SIVUQAQ, INCORPORATED



JOB KOONOOKA
President
Sivuqaq Incorporated

UNITED STATES OF AMERICA



DENNIS E. KLEIN
Chief, Real Estate Division
U.S. Army Engineer District, Alaska

Temporary Construction Camp Permits

STATE OF ALASKA

FRANK MURKOWSKI, GOVERNOR

DEPARTMENT OF NATURAL RESOURCES

OFFICE OF PROJECT MANAGEMENT & PERMITTING ALASKA COASTAL MANAGEMENT PROGRAM

✓ SOUTHCENTRAL REGIONAL OFFICE
550 W. 7TH AVENUE, SUITE 1660
ANCHORAGE, ALASKA 99501
PH: (907) 269-7470/FAX: (907) 269-3981

☐ CENTRAL OFFICE
P.O. BOX 110030
JUNEAU, ALASKA 99811-0030
PH: (907) 465-3562/FAX: (907) 465-3075

☐ PIPELINE COORDINATOR'S OFFICE
411 WEST 4TH AVENUE, SUITE 2C
ANCHORAGE, ALASKA 99501-2343
PH: (907) 257-1351/FAX (907) 272-3825

May 1, 2003

Cindy W. Ellis, P.E.
PO Box 110443
Anchorage, AK 99511

SUBJECT: **REVIEW NOT REQUIRED**
St. Lawrence Island Temporary Camp

Dear Ms. Ellis:

The Office of Project Management & Permitting has reviewed the Coastal Project Questionnaire and other pertinent information regarding the above referenced project.

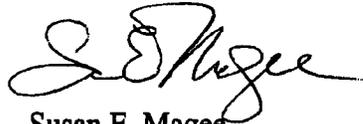
Your proposed project also requires a plan approval from the Alaska Department of Environmental Conservation and authorizations from the Alaska Departments of Natural Resources and Fish & Game. Your project does not require additional review for consistency with the ACMP, providing you also comply with the conditions listed in the enclosed General Concurrence (GC) #8. *If you are unable to comply with these conditions, contact this office immediately.*

You are not relieved from obtaining required permits and approvals from state, federal or local agencies, before commencement of your proposed activity. Nothing in this letter excuses you from compliance with other statutes, ordinances, or regulations that may affect any proposed work.

This decision is ONLY for the project as described. If there are any changes to the proposed project, including its intended use, prior to or during its siting, construction, or operation, contact this office immediately to determine if further review and approval of the revised project is necessary.

Thank you for your cooperation with the ACMP.

Sincerely,



Susan E. Magee
Project Review Coordinator

Enc.: CPQ, p 1-2
GC #8

cc: Chuck Degnan, BSCRSA
Kerry Walsh, DNR/MLW
Julie Raymond-Yakoubian, DNR, SHPO

Robert McLean, DFG
Lee Johnson, DEC, Fbks
COE Regulatory Branch

GENERAL CONCURRENCE GC-8

TEMPORARY USE OF WATER PERMANENT USE OF WATER (100,000 GALLONS/DAY OR LESS)

The following activity is consistent with the Alaska Coastal Management Program per 6 AAC 50.050(c) and (e) when conducted according to the standard conditions listed below. This approval does not relieve the applicant from obtaining required permits and approvals from local, State, and federal individual agencies, including access permits (before water use begins).

For activities subject to this general concurrence, the applicant is not automatically required to complete a coastal project questionnaire (CPQ). DNR may require a CPQ for project proposals where it is uncertain whether other State or federal authorizations may be required. For example, a CPQ may not be required for road reconstruction activities since the temporary water use permit is usually the last required permit in an approved and consistent Alaska Department of Transportation and Public Facilities project. Also, a CPQ may not be required for public supply when the water system is existing and the water right application is an after-the-fact filing.

DESCRIPTION OF THE ACTIVITY

Temporary and permanent water withdrawals, including amendments to existing water withdrawal authorizations, from surface and subsurface water where all water withdrawals cumulatively do not reduce the instream flow below the level necessary to support anadromous and resident fish. (Under AS 46.15, DNR is still required to give notice to DFG and DEC of the proposed withdrawal to determine the necessary instream flow levels.)

Temporary water use may be for an undetermined quantity of water for up to five years. Permanent water use authorizations subject to this general concurrence are limited to 100,000 gallons per day. Applications for permanent water uses greater than 100,000 gallons are subject to individual project review. Amendments to existing authorizations must remain within the scope of this general concurrence.

Routine uses include:

- public, commercial, and domestic water supplies;
- industrial uses including seafood processing, logging activities, road construction, oil and gas exploration outside environmentally sensitive areas, sand and gravel washing, industrial air cooling, and chemical refining;
- public and commercial uses including recreation fields, golf courses, cemeteries, snow making, trailer and recreational vehicle parks, campgrounds, public facilities, ice hockey rinks, commercial malls, car washes, laundries, and washaterias;
- agricultural uses including crop irrigation, livestock watering, nurseries and greenhouses;
- hydroelectric power generation;
- fish hatcheries.

- hydrostatic testing; and
- bottled water.

Authority: AS 46.15
 AS 16.05.870
 AS 16.20
 5 AAC 95
 11 AAC 93

Permits: Temporary Water Use Permit (DNR)
 Permit to Appropriate Water (DNR)
 Fish Habitat Permit (DFG)
 Special Area Permit (DFG)

Region: Statewide, except AMSAs or Important Use Areas identified in the Bering Straits CRSA plan.

PROCEDURE

This general concurrence does not apply to an operation that must undergo an individual project review because of other State or federal permit requirements. Water withdrawal authorizations connected to commercial mining are reviewed as part of the Alaska Placer Mining Application.

STANDARD CONDITIONS

Conditions pertaining to Surface and Subsurface Withdrawals

1. Water discharged (including runoff) shall not be discharged at a rate resulting in sedimentation, erosion, or other disruptions to the bed or banks of the above waters, causing water quality degradation.
2. Water trucks will not be fueled or serviced within 100 feet of a water body. Gas fueled pumps will not be fueled or serviced within 100 feet of a water body unless the pumps are situated within a catch basin designed to contain any spills. Equipment shall not be stored or serviced within 100 feet of any of the subject waterbodies.

Conditions pertaining only to Surface Withdrawals

3. Any water intake structure in fish bearing waters, including a screened enclosure, well-point, sump, or infiltration gallery, must be designed, operated, and maintained to prevent fish entrapment, entrainment, or injury, unless specifically exempted by DFG.
4. Each water intake directly accessible by fish shall be designed to prevent intake,

impingement, or entrapment of fish. Preferred methods of water intake include well points, sumps, or infiltration galleries. As an alternative, the water intake structure must be enclosed and centered within a screened box with a maximum screen-mesh size of 0.04-inches. To reduce fish impingement at the screen/water interface, water velocity may not exceed 0.5 feet per second when the pump is operating (AS 16.05.870). Slower water velocities may be stipulated by DFG if more sensitive anadromous fish life stages (e.g. juvenile whitefish) are present at the water intake source during the period of pumping. DFG can properly determine the size of the screened box from the pump intake size and capacity to be used. Screens aligned parallel to the stream current will require the least maintenance and will be least likely to impinge fish.

5. Waterbodies shall not be altered to facilitate water appropriation or disturbed in any way. If banks, shores, or beds, are inadvertently disturbed, excavated, compacted, or filled, by activities attributable to this project, they shall be immediately stabilized to prevent erosion and the resultant sedimentation of waterbody which could occur both during and after operations. Any disturbed areas shall be recontoured and revegetated.
6. Adequate flow must remain to support indigenous aquatic life and the watercourse must not be blocked to the passage of fishes. The water appropriation shall not adversely affect any anadromous fish stream.
7. Prior to withdrawing water from fish bearing streams, the DFG and DNR may require current and expected flow data for the period of proposed water use. DNR may set a maximum rate of diversion and/or a minimum instream flow.
8. Inwater activity will be limited to placement and removal of the intake structure only. No other in-water activities will occur.
9. There shall be no wheeled, tracked, excavating, or other machinery or equipment (with the exception of the non-motorized screened intake box) operated below the ordinary high water line.
10. Permittee must employ pumping operations in such a way as to prevent any petroleum products or hazardous substances contaminating surface or ground water. In case of accidental spills, absorbent pads will be readily available at the water collection point. All spills must be reported to DEC (800) 478-9300 and to DNR at (907) 451-2678.
11. The suction hose at the water extraction site must be clean and free from contamination at all times to prevent introduction of contamination to the waterbodies, and should be in water of a sufficient depth so that the stream sediments are not disturbed during the extraction process.
12. During the constructional or operational phases of this project, any discharge to state waters made subsequent to this appropriation shall comply with Alaska Water Quality Standards.

STATE OF ALASKA

**FRANK MURKOWSKI,
GOVERNOR**

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF HABITAT MANAGEMENT AND PERMITTING

1300 COLLEGE RD.
FAIRBANKS, AK 97701
PHONE: (907) 459-7289
FAX: (907) 456-3091

FISH HABITAT PERMIT FH03-III-0158

ISSUED: May 6, 2003
EXPIRES: December 31, 2004

Ms. Cindy W. Ellis
Watkins Engineering, Inc.
P.O. Box 110443
Anchorage, AK 99511

Dear Ms. Ellis:

RE: Water Withdrawal; Section 16, T25S, R54W, KRM; Suqitughnaq River.

Pursuant to AS 41.14.840, the Alaska Department of Natural Resources – Office of Habitat Management and Permitting (OHM&P) has reviewed your proposal to withdraw up to 2,800 gallons of water per day from May 1st through October 31st of each authorized year. Water will be pumped using a Grundfos well pump with a 3.5 inch flow sleeve for an intake. Maximum pump rate is 30 gpm.

The Suqitughnaq River supports fish species in the area of your proposed activity. Based upon our review of your plans, your proposed project should not obstruct the efficient passage and movement of fish.

In accordance with AS 41.14.840, project approval is hereby given subject to the proposed scope of work and the following stipulation:

- (1) Each water intake structure shall be centered and enclosed in a screened box designed to prevent fish entrapment, entrainment, or injury. The effective screen opening may not exceed 1/4 inch. To reduce fish impingement on screened surfaces, water velocity at the screen/water interface may not exceed 0.5 feet per second when the pump is operating.

The permittee is responsible for the actions of contractors, agents, or other persons who perform work to accomplish the approved plan. For any activity that significantly deviates from the approved plan, the permittee shall notify the OHM&P and obtain

Ms. Cindy W. Ellis
FH03-III-0158

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May 6, 2003

written approval in the form of a permit amendment before beginning the activity. Any action taken by the permittee, or an agent of the permittee, that increases the project's overall scope or that negates, alters, or minimizes the intent or effectiveness of any stipulation contained in this permit will be deemed a significant deviation from the approved plan. The final determination as to the significance of any deviation and the need for a permit amendment is the responsibility of the OHM&P. Therefore, it is recommended that the OHM&P be consulted immediately when a deviation from the approved plan is being considered.

This letter constitutes a permit issued under the authority of AS 41.14.840. This permit must be retained on site during construction. Please be advised that this approval does not relieve you of the responsibility of securing other permits, state, federal or local.

This permit provides reasonable notice from the deputy commissioner that failure to meet its terms and conditions constitutes violation of AS 41.14.860; no separate notice under AS 41.14.860 is required before citation for violation of AS 41.14.840 can occur.

In addition to the penalties provided by law, this permit may be terminated or revoked for failure to comply with its provisions or failure to comply with applicable statutes and regulations. The department reserves the right to require mitigation measures to correct disruption to fish and game created by the project and which were a direct result of the failure to comply with this permit or any applicable law.

The recipient of this permit (permittee) shall indemnify, save harmless, and defend the department, its agents and its employees from any and all claims, actions or liabilities for injuries or damages sustained by any person or property arising directly or indirectly from permitted activities or the permittee's performance under this permit. However, this provision has no effect, if, and only if, the sole proximate cause of the injury is the department's negligence.

Sincerely,

Dick LeFebvre, Deputy Commissioner



BY: Robert F. McLean, Habitat Biologist IV
Office of Habitat Management and Permitting

cc: Chris Milles, ADNR, Fairbanks
Patrick Sousa, USFWS, Fairbanks
Don Kohler, ACOE, Anchorage

Pete McGee, ADEC, Fairbanks
Jeanne Hanson, NMFS, Anchorage

MAC/

STATE OF ALASKA

FRANK H. MURKOWSKI, GOVERNOR

DEPARTMENT OF NATURAL RESOURCES

DEPARTMENT OF MINING, LAND AND WATER

550 WEST 7TH AVENUE, SUITE 900A
ANCHORAGE, ALASKA 99501-3650

PHONE: (907) 269-8431
FAX: (907) 269-8918

April 24, 2003

Randy MacMillan
Kuukpik Arctic Catering
5761 Silverado Way, Suite P
Anchorage, AK 99518

Re: TWUP A2003-12 - Temporary Water Use Authorization
St. Lawrence Island Camp
Suqitughnaq River

Dear Mr. MacMillan:

The Division of Mining, Land and Water (DMLW) has completed the review of the Temporary Water Use Authorization Application. Enclosed is the above listed authorization TWUP A2003-12. If changes to this project are proposed during its operation, please contact this office immediately to determine if further review is necessary.

Please feel free to contact me at (907) 269-8641 if you have any questions or concerns about this authorization.

Sincerely,



Linda-Lou Holzman
Natural Resource Officer

P.S. Please note: "Stipulation #1. "This authorization does not authorize the permittee to enter upon any lands until proper rights-of-way, easements, or permission documents, from the appropriate landowner have been obtained".

Enclosure:

Temporary Water Use Authorization



**ALASKA DEPARTMENT OF NATURAL RESOURCES
(ADNR)**

Water Resources Section

550 West 7th Avenue, Suite 900A, Anchorage, AK 99501-3577
(907) 269-8503

**TEMPORARY WATER USE AUTHORIZATION
TWUP A2003-12**

Pursuant to AS 46.15, as amended and the rules and regulations promulgated thereunder, permission is hereby granted to Kuukpik Arctic Catering, 5761 Silverado Way, Suite P, Anchorage, AK 99518 and their contractors, to withdraw up to **2,800 gallons of water per day from May 1st through October 31st of each authorized year.** The water will be used for camp supply to support the environmental cleanup activities by Bristol Environmental and Engineering for the Corps of Engineers on St. Lawrence Island, Alaska.

SOURCE OF WATER:

Suqitughnaq River, located within Section 16, Township 25 South, Range 54 West, Kateel River Meridian, Alaska.

STRUCTURES TO BE CONSTRUCTED AND USED:

Screened intake structure, Pump with 3.5-inch intake and a 30 gpm output, pipe.

Changes in the natural state of water are to be made as stated herein and for the purposes indicated.

During the effective period of this authorization, the permittee shall comply with the following conditions:

CONDITIONS:

- 1. This authorization does not authorize the permittee to enter upon any lands until proper rights-of-way, easements, or permission documents, from the appropriate landowner have been obtained.**
- 2. Follow acceptable engineering standards in exercising the rights granted herein.**
- 3. Comply with all applicable laws and any rules and/or regulations issued thereunder.**
- 4. Except for the claims or losses arising from the negligence of the State, defend and indemnify the State against and hold it harmless from any and all claims, demands, legal actions, loss, liability and expense for injury or death of persons and damages to or loss of property arising out of or connected with the exercise of this Temporary Water Use Authorizations.**
- 5. Notify the Water Resources Section upon change of address.**

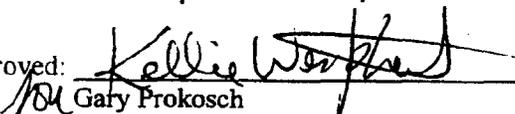
6. Permittee is responsible for obtaining and complying with other permits/approvals (state, federal, or local) that may be required.
7. Failure to respond to a request for additional information during the term of the authorization may result in the termination of this authorization.
8. This authorization is subject to an annual administrative service fee.
9. Permittee shall allow an authorized representative of the Water Resources Section to inspect, at reasonable times, any facilities, equipment, practices, or operators regulated or required under this authorization.
10. Permittee is responsible for the actions of contractors, agents, or other persons who perform work to accomplish the approved project, and shall ensure that workers are familiar with the requirements of this authorization. For any activity that significantly deviates from the approved project during its siting, construction, or operation, the permittee is required to contact the Water Resources Section and obtain approval before beginning the activity.
11. The Water Resources Section may modify this authorization to include different limitations, expand monitoring requirements, evaluate impacts, or require restoration at the site.
12. Any false statements or representations, in any application, record, report, plan, or other document filed or required to be maintained under this authorization, may result in the termination of this authorization.
13. This authorization is subject to Alaska Coastal Management Program (ACMP) General Concurrence GC-8 Temporary Use of Water, attached hereto and made a part hereof.

This Temporary Water Use Authorization is issued pursuant to 11 AAC 93.220. No water right or priority is established by a temporary water use authorization issued pursuant to 11 AAC 93.220. Water so used is subject to appropriation by others (11 AAC 93.210(b)).

The Department may suspend operations authorized under this authorization whenever such suspension shall in its judgment be necessary to protect the public interest or that of a prior appropriator.

This authorization shall expire on September 30, 2008.

Date issued: April 24, 2003

Approved: 
Gary Prokosch
Chief, Water Resources, Section

STATE OF ALASKA

**DEPT. OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL HEALTH
NORTHERN DRINKING WATER/WASTEWATER PROGRAM**

FRANK MURKOWSKI, GOVERNOR

610 University Avenue
Fairbanks, AK 99709
Phone: (907) 451-2108
Fax: (907) 451-2188
<http://www.state.ak.us/dec/>

**File: 900.07.001
900.45.063**

May 1, 2003

Cindy Ellis, P.E.
Watkins Engineering
P.O. Box 110443
Anchorage, AK 99511

**Re: Final Approval to Operate Potable Water and Greywater Treatment
Arctic Catering - WWI Sleigh Camp
PWSID: 334116; Source: Surface Water**

Dear Ms. Ellis:

I have reviewed the as-built plans received April 25, 2003 in accordance with the Drinking Water and Wastewater Regulations 18 AAC 80 and 18 AAC 72. The systems consist of a Class B public drinking water system using cartridge filtration and disinfection and a 2,400 gpd greywater treatment system for wastewater using cartridge filtration, disinfection, and discharging to the surface. These facilities will serve a maximum population of 60 persons. **Final approval to operate is granted.** I have enclosed a signed construction and operation certificate with the final operational approval section signed.

The plan review and approval of the wastewater discharge is issued in lieu of a permit as allowed under 18 AAC 72.215(b). The discharge approval is for the Northeast Cape cleanup project camp on St. Lawrence Island only. The conditions on this discharge are as follows:

1. Discharge shall not be to a sensitive receiving environment.
2. Discharge shall not contain floating solids, foam, garbage, or kitchen oils from food preparation.
3. Discharge shall not cause film, sheen, or discoloration on the surface of any nearby water.
4. Discharge shall not cause erosion, nor a violation of the state water quality standards, 18 AAC 70.
5. Discharge shall be located to minimize pooling.
6. Discharge is limited to a maximum of 2,400 gallon per day.
7. Discharge area shall be protected from human access.
8. Discharge is limited to the 2003 and 2004 project seasons.

In addition to the monthly report for drinking water discussed below you will need to report monthly on your wastewater discharge. The items to address in your report are daily estimates on quantity discharged and any observations of the conditions listed above. This plan review in lieu of a permit is issued for 2003 and 2004 for this location only. Before operating at any other location you will need to notify this office to verify whether there are additional plan review or permit requirements.

This drinking water treatment system has been assigned 334116 as your public water system identification number (PWSID). Please make note of it and use it on any water samples or correspondence regarding this system.

As a Class B public water system using a surface water source there are requirements for operation and routine monitoring. The system is required to be operated by a "Certified" operator. On an annual basis a water sample is required for nitrate. A water sample is required to be taken once each month and submitted to a certified laboratory for analysis for total coliform bacteria. The coliform samples are required to be taken at locations shown on a sample-siting plan. The turbidity must be tested at least one time every day raw water is filtered. The turbidity should be tested directly after filtration and prior to disinfection. The turbidity limit is 1 NTU in 95% of the samples taken each month. The chlorine residual must be tested every day at the entry point to the distribution system. Also, it is required that the chlorine residual be tested at the same time and place as the total coliform samples are taken. 18 AAC 80.400, 18 AAC 80.600

Any person who disagrees with this decision may request an adjudicatory hearing in accordance with 18 AAC 15.195 – 18 AAC 15.340 or an informal review by the Division Director in accordance with 18 AAC 15.185. Informal review requests must be delivered to the Division Director, 555 Cordova Street, Anchorage, Alaska 99501, within 15 days of the decision. Adjudicatory hearing requests must be delivered to the Commissioner of the Department of Environmental Conservation, 410 Willoughby Avenue, Suite 303, Juneau, Alaska 99801, within 30 days of the decision. If a hearing is not requested within 30 days, the right to appeal is waived.

Approval of submitted plans is not approval of omissions or oversights by this office or noncompliance with any applicable regulation. The Department's approval does not guarantee correctness of functional design or waive the owner's responsibility for continued compliance with state regulations. This approval does not preclude the Department from requiring an individual permit.

If you have any questions please call me at 451-2179.

Sincerely,



Lee Johnson
Engineering Associate

LJ/ XD (G:/eh/engineer/plans/WWI Sleigh Camp – Arctic Catering Final op.lee.doc)

Enclosures: DW Final Approval Certificate
WW Final Approval Certificate

Cc w/enc.: Randy MacMillan, Arctic Catering/Anchorage
Heather Newman, ADEC/Anchorage
David Johnson, P.E., ADEC/Soldotna



State of Alaska
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 CONSTRUCTION AND OPERATION CERTIFICATE
 FOR



PUBLIC WATER SYSTEMS

A. APPROVAL TO CONSTRUCT –Project Name:- WWI Sleigh Camp – Arctic Catering, PWSID: 334116

Plans for the construction of a public water system for use on the **North Slope of Alaska**, submitted in

accordance with 18 AAC 80.200 by Jeffrey Garness, P. E. was reviewed and approved as submitted.

Conditions of Construction Approval: See Attached Approval Letter For Conditions

Jeffrey Garness
 (Reviewing Engineer)

Engineering Associate
 (Title)

December 27, 2000
 (Date)

If applicant fails to construct, alter, install, or modify the system within two years of the date of approval to construct, approval is void, and plans must be resubmitted for department review and approval. (18 AAC 72.225 (d))

A. APPROVED CHANGE ORDERS

Change (contract order number or descriptive reference)	Approved by:	Date of Approval
_____	_____	_____
_____	_____	_____

B. APPROVAL TO OPERATE

The "APPROVAL TO OPERATE" section must be completed and signed by the Department before any water is made available for public use.

The system is hereby granted interim approval to operate until June 30, 2001 *Extended to July 15, 2001*. It is illegal to operate a public water system beyond this date without Final Approval to Operate from the Department.

Jeffrey Garness
 (Reviewing Engineer)

Engineering Associate
 (Title)

5/22/01
 (Date)

Final Approval to Operate:

The construction of the WWI Sleigh Camp system was completed on _____ (date). Record drawings and other documents submitted to the department, or an inspection by the department, has confirmed that the domestic wastewater disposal system was constructed according to the approved plans. The system is hereby granted **FINAL APPROVAL TO OPERATE.**

Jeffrey Garness
 (Reviewing Engineer)

Engineering Associate
 (Title)

May 1, 2003
 (Date)



State of Alaska
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONSTRUCTION AND OPERATION CERTIFICATE
FOR
DOMESTIC WASTEWATER DISPOSAL SYSTEMS



A. APPROVAL TO CONSTRUCT

Plans for the construction or modification of a 2400 gpd greywater treatment system utilizing cartridge filtration and disinfection

domestic wastewater disposal system located on the North Slope, Alaska, submitted in accordance with 18 AAC 72.200 through 18 AAC 72.235 by Jeffrey Garness P.E.

was reviewed and approved as submitted conditionally approved (see conditions below).

Conditions of Construction Approval: See attached approval letter for conditions

[Signature] _____
(Reviewing Engineer) Engineering Associate _____ 12/27/00
(Title) (Date)

If applicant fails to construct, alter, install, or modify the system within two years of the date of approval to construct, approval is void, and plans must be resubmitted for department review and approval. (18 AAC 72.225 (d))

B. APPROVED CHANGE ORDERS

Change (contract order number or descriptive reference) _____ Approved by: _____ Date of Approval _____

~~C. APPROVAL TO OPERATE~~

The "APPROVAL TO OPERATE" section must be completed and signed by the Department before this system is made available for use.

The system is hereby granted interim approval to operate until June 30, 2001 ^{Extended to July 15, 2001}. It is illegal to operate the domestic wastewater disposal system beyond this date without Final Approval to Operate from the Department.

[Signature] _____
(Reviewing Engineer) Engineering Associate _____ 5/22/01
(Title) (Date)

Final Approval to Operate:

The construction of the WWI Sleigh Camp domestic

wastewater disposal system was completed on _____ (date). Record drawings and other documents submitted to the department, or an inspection by the department, has confirmed that the domestic wastewater disposal system was constructed in substantial conformance with the approved plans. The system is hereby granted **FINAL APPROVAL TO OPERATE**.

[Signature] _____
(Reviewing Engineer) Engineering Associate _____ May 1, 2003
(Title) (Date)



STATE OF ALASKA
Department of Environmental Conservation
**ALASKA FOOD CODE
ESTABLISHMENT PERMIT**



Issued to: **ARCTIC CATERING INC**
For: **ACI #1 ST LAWRENCE CAMP**
For Operation of: **TYPE FF-4 Labor Camp Food Service**
Located at: **ST LAWRENCE**

This permit, issued under the provisions of 18 AAC 31, is valid until the noted expiration date or unless suspended or revoked by the department.

This permit is not transferable for change of ownership, establishment location, or type of operation. It must be posted in plain view in the establishment and is the property of the State of Alaska.

Permit Number: 326600009	Program Manager: <i>Nancy Rapone</i>	Expiration Date: December 31, 2003
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PROJECT LOCATION

1. Attach a copy of the topographical and vicinity map clearly indicating the location of the project. Please include a map title and scale.
2. The project is located in which region (see attached map): Northern Southcentral Southeast
 within or associated with the Trans-Alaska Pipeline corridor
3. Location of project (Include the name of the nearest land feature or body of water.) St. Lawrence Island
 Township 25 S Range 54 W Section 16 Meridian Kat Latitude/Longitude 63° 15' 1168 42 USGS Quad Map _____
Kateel River Mer.
4. Is the project located in a coastal district? Yes No If yes, identify: Nome - Bering Strait
(Coastal districts are a municipality or borough, home rule or first class city, second class with planning, or coastal resource service area.) Note: A coastal district is a participant in the State's consistency review process. It is possible for the State review to be adjusted to accommodate a local permitting public hearing. Early interaction with the district is important; please contact the district representative listed on the attached contact list.
5. Identify the communities closest to your project location: Northeast Cape, St. Lawrence Island
6. The project is on: State land or water* Federal land Private land
 Municipal land Mental Health Trust land
**State land can be uplands, tidelands, or submerged lands to 3 miles offshore. See Question #1 in DNR section. Contact the applicable landowner(s) to obtain necessary authorizations.*

DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) APPROVALS

- | | Yes | No |
|---|-------------------------------------|-------------------------------------|
| 1. Will a discharge of wastewater from industrial or <u>commercial</u> operations occur? <u>Camp</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Will the discharge be connected to an already approved sewer system?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Will the project include a stormwater collection/discharge system? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Do you intend to construct, install, modify, or use any part of a wastewater (sewage or greywater) disposal system? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| a) If so, will the discharge be 500 gallons per day or greater? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) If constructing a domestic wastewater treatment or disposal system, will the system be located within fill material requiring a COE permit? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| If you answered yes to a) or b), answer the following: | | |
| 1) What is the distance from the bottom of the system to the top of the subsurface water table? <u>Unknown - Discharge to the tundra</u> | | |
| 2) How far is any part of the wastewater disposal system from the nearest surface water? <u>> 200 ft</u> | | |
| 3) Is the surrounding area inundated with water at any time of the year?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4) How big is the fill area to be used for the absorption system? <u>NA</u> | | |
| <i>(Questions 1 & 2 will be used by DEC to determine whether separation distances are being met. Questions 3 & 4 relate to the required size of the fill if wetlands are involved.)</i> | | |
| 3. Do you expect to request a mixing zone for your proposed project? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <i>(If your wastewater discharge will exceed Alaska water quality standards, you may apply for a mixing zone. If so, please contact DEC to discuss information required under 18 AAC 70.032.)</i> | | |

- | | Yes | No |
|---|-------------------------------------|-------------------------------------|
| 4. a) Will your project result in the construction, operation, or closure of a facility for the disposal of solid waste?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <i>(Note: Solid waste means drilling wastes, household garbage, refuse, sludge, construction or demolition wastes, industrial solid waste, asbestos, and other discarded, abandoned, or unwanted solid or semi-solid material, whether or not subject to decomposition, originating from any source. Disposal means placement of solid waste on land.)</i> | | |
| b) Will your project result in the treatment of solid waste at the site?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <i>(Examples of treatment methods include, but are not limited to: incineration, open burning, baling, and composting.)</i> | | |
| c) Will your project result in the storage or transfer of solid waste at the site? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) Will the project result in the storage of more than 50 tons of materials for reuse, recycling, or resource recovery? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Will any sewage solids or biosolids be disposed of or land-applied to the site?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <i>(Sewage solids include wastes that have been removed from a wastewater treatment plant system, such as a septic tank, lagoon dredge, or wastewater treatment sludge that contain no free liquids. Biosolids are the solid, semi-solid, or liquid residues produced during the treatment of domestic septage in a treatment works which are land applied for beneficial use.)</i> | | |
| <i>Incinerated</i> | | |
| 5. Will your project require the application of oil, pesticides, and/or any other broadcast chemicals? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. a) Will you have a facility with industrial processes that are designed to process no less than five tons per hour and needs air pollution controls to comply with State emission standards?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Will you have stationary or transportable fuel burning equipment, including flares, with a total fuel consumption capacity no less than 50 million Btu/hour? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Will you have a facility with incinerators having a total charging capacity of no less than 1,000 pounds per hour? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Will you have a facility with equipment or processes that are subject to Federal New Source Performance Standards or National Emission Standards for hazardous air pollutants?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| i) Will you propose exhaust stack injection? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Will you have a facility with the potential to emit no less than 100 tons per year of any regulated air contaminant?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f) Will you have a facility with the potential to emit no less than 10 tons per year of any hazardous air contaminant or 25 tons per year of all hazardous air contaminants?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g) Will you construct or add stationary or transportable fuel burning equipment of no less than 10 million Btu/hour in the City of Unalaska or the City of St. Paul? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| h) Will you construct or modify in the Port of Anchorage a volatile liquid storage tank with a volume no less than 9,000 barrels, or a volatile liquid loading rack with a design throughput no less than 15 million gallons?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| i) Will you be requesting operational or physical limits designed to reduce emissions from an existing facility in an air quality nonattainment area to offset an emission increase from another new or modified facility?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. Will you be developing, constructing, <u>installing</u> , or altering a public water system? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <i>PWSID 334116</i> | | |
| 8. a) Will your project involve the operation of waterborne tank vessels or oil barges that carry crude or non-crude oil as bulk cargo, or the transfer of oil or other petroleum products to or from such a vessel or a pipeline system? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Will your project require or include onshore or offshore oil facilities with an effective aggregate storage capacity of greater than 5,000 barrels of crude oil or greater than 10,000 barrels of non-crude oil?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

- c) Will you be operating facilities on the land or water for the exploration or production of hydrocarbons? Yes No

If you answered "NO" to ALL questions in this section, continue to next section.
 If you answered "YES" to ANY of these questions, contact the DEC office nearest you for information and application forms. Please be advised that all new DEC permits and approvals require a 30-day public notice period. DEC Pesticide permits take effect no sooner than 40 days after the permit is issued.

Based on your discussion with DEC, please complete the following:

Types of project approvals or permits needed	Date application submitted
<u>Wastewater discharge permit</u>	<u>3-26-03</u>
<u>Final Approval on Water & Wastewater plants</u>	<u>3-27-03</u>

9. Does your project qualify for a general permit for wastewater or solid waste?
Note: A general permit is an approval issued by DEC for certain types of routine activities.

If you answered "YES" to any questions in this section and are not applying for DEC permits, indicate reason:
 _____ (DEC contact) told me on _____ that no DEC approvals are required on this project because _____
 Other: _____

■ DEPARTMENT OF FISH & GAME (DFG) APPROVALS

1. Will you be working in, removing water or material from, or placing anything in, a stream, river or lake? (This includes work or activities below the ordinary high water mark or on ice, in the active flood plain, on islands, in or on the face of the banks, or, for streams entering or flowing through tidelands, above the level of mean lower low tide.)
Note: If the proposed project is located within a special flood hazard area, a floodplain development permit may be required. Contact the affected city or borough planning department for additional information and a floodplain determination.)
 Name of waterbody: Sagittahog River

2. Will you do any of the following:
 Please indicate below:
- | | |
|--|--|
| <input type="checkbox"/> Build a dam, river training structure, other instream impoundment, or weir | <input type="checkbox"/> Build a bridge (including an ice bridge) |
| <input checked="" type="checkbox"/> Use the water | <input type="checkbox"/> Use the stream, lake or waterbody as a road (even when frozen), or cross the stream with tracked or wheeled vehicles, log-dragging or excavation equipment (backhoes, bulldozers, etc.) |
| <input checked="" type="checkbox"/> Pump water into or <u>out of stream</u> or lake (including dry channels) | <input type="checkbox"/> Install a culvert or other drainage structure |
| <input type="checkbox"/> Divert or alter the natural stream channel | <input type="checkbox"/> Construct, place, excavate, dispose or remove any material below the ordinary high water of a waterbody |
| <input type="checkbox"/> Change the water flow or the stream channel | <input type="checkbox"/> Construct a storm water discharge or drain into the waterbody |
| <input type="checkbox"/> Introduce silt, gravel, rock, petroleum products, debris, brush, trees, chemicals, or other organic/inorganic material, including waste of any type, into the water | <input type="checkbox"/> Place pilings or anchors |
| <input type="checkbox"/> Alter, stabilize or restore the banks of a river, stream or lake (provide number of linear feet affected along the bank(s)) | <input type="checkbox"/> Construct a dock |
| <input type="checkbox"/> Mine, dig in, or remove material, including woody debris, from the beds or banks of a waterbody | <input type="checkbox"/> Construct a utility line crossing |
| <input type="checkbox"/> Use explosives in or near a waterbody | <input type="checkbox"/> Maintain or repair an existing structure |
| | <input type="checkbox"/> Use an instream in-water structure not mentioned here |

Coastal Project Questionnaire
Kuukpik Arctic Catering
WW1 Camp at St. Lawrence Island

Submitted by: Cindy W. Ellis, P.E.
Watkins Engineering, Inc.
907-349-1851

Detailed Description of the Project:

Kuukpik Arctic Catering proposes to operate a camp on St. Lawrence Island to support environmental cleanup activities by Bristol Environmental and Engineering for the Corps of Engineers. The camp will provide lodging and meals for up to 50 people. This camp has been used for similar operations in the state of Alaska.

The location of the camp will be near Northeast Cape, St. Lawrence Island. Water will be taken from the Suqitaghnaq River in the Northeast ¼ of Section 16, T 25S, R54W, Kateel River Meridian. No more than 2800 gal/day will be taken from the stream.

The river water will be treated and used for domestic purposes such as drinking water, food preparation, showering, and laundry. Toilets will not use water; they are Pacto units, which contain the waste in a bag for disposal by incineration. This plant has been certified to treat surface water, and it previously operated under Interim Approval from the Alaska Department of Environmental Conservation. The Public Water System Identification Number is 334116. A Final certificate to Operate is now being applied for.

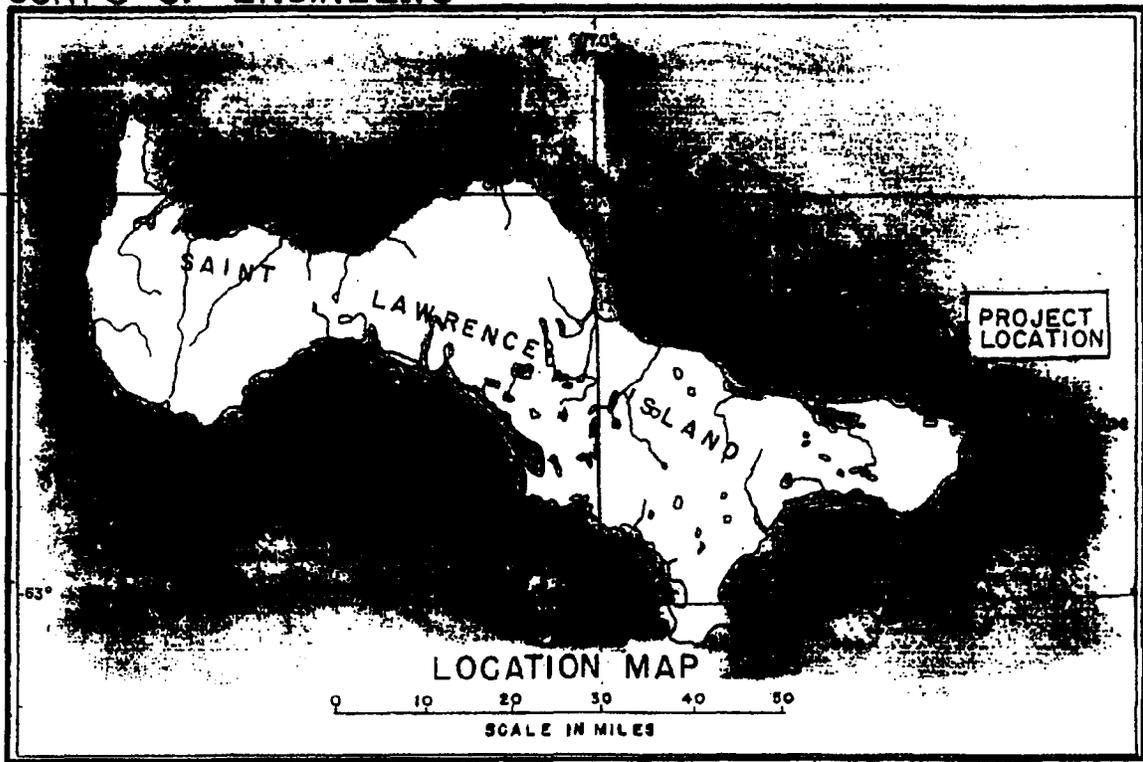
Wastewater consists only of greywater; all toilet water is bagged in the Pacto units. The greywater treatment system was given Interim Approval to Operate by the DEC in May 2001. A Final Certificate to Operate is now being applied for. Greywater is filtered, disinfected, and dechlorinated prior to discharge to the tundra. The discharge point will be at least 200 ft from any surface waters. A discharge permit is being requested from the DEC.

Solid waste from the camp will be combined with the solid waste stream from the cleanup operation, and disposed of by Bristol Environmental and Engineering. All solid waste is proposed to be transferred to Waste Management Service and disposed of in their Arlington, Oregon landfill.

The work will be seasonal, with an expected start date of June 1, 2003 and shut down for the winter approximately September. All work is expected to be complete by September 30, 2004.

Kuukpik Arctic Catering
St. Lawrence Island Camp
Vicinity Map for Coastal Project Questionnaire

CORPS OF ENGINEERS

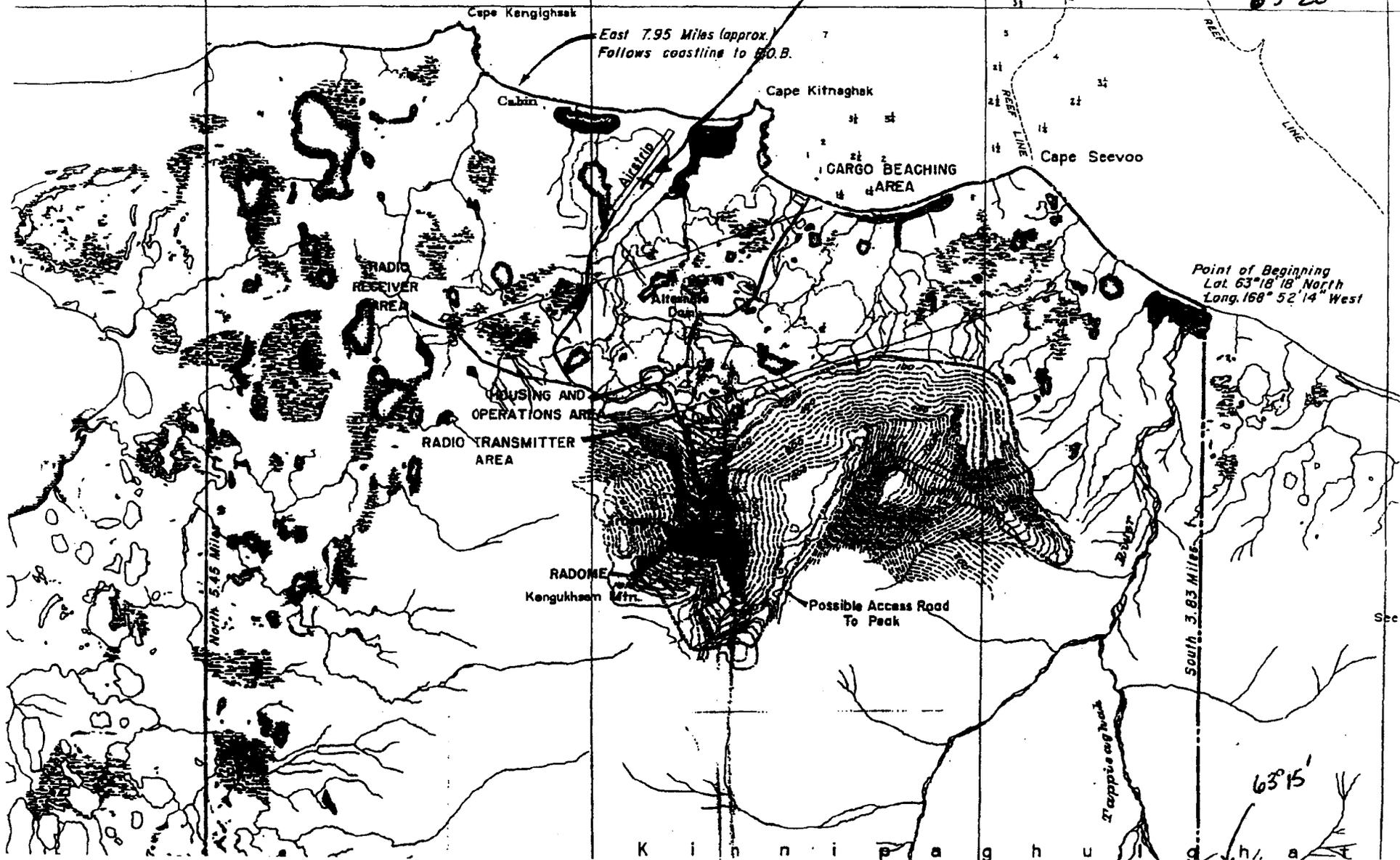


Watkins Engineering, Inc.
3/26/03

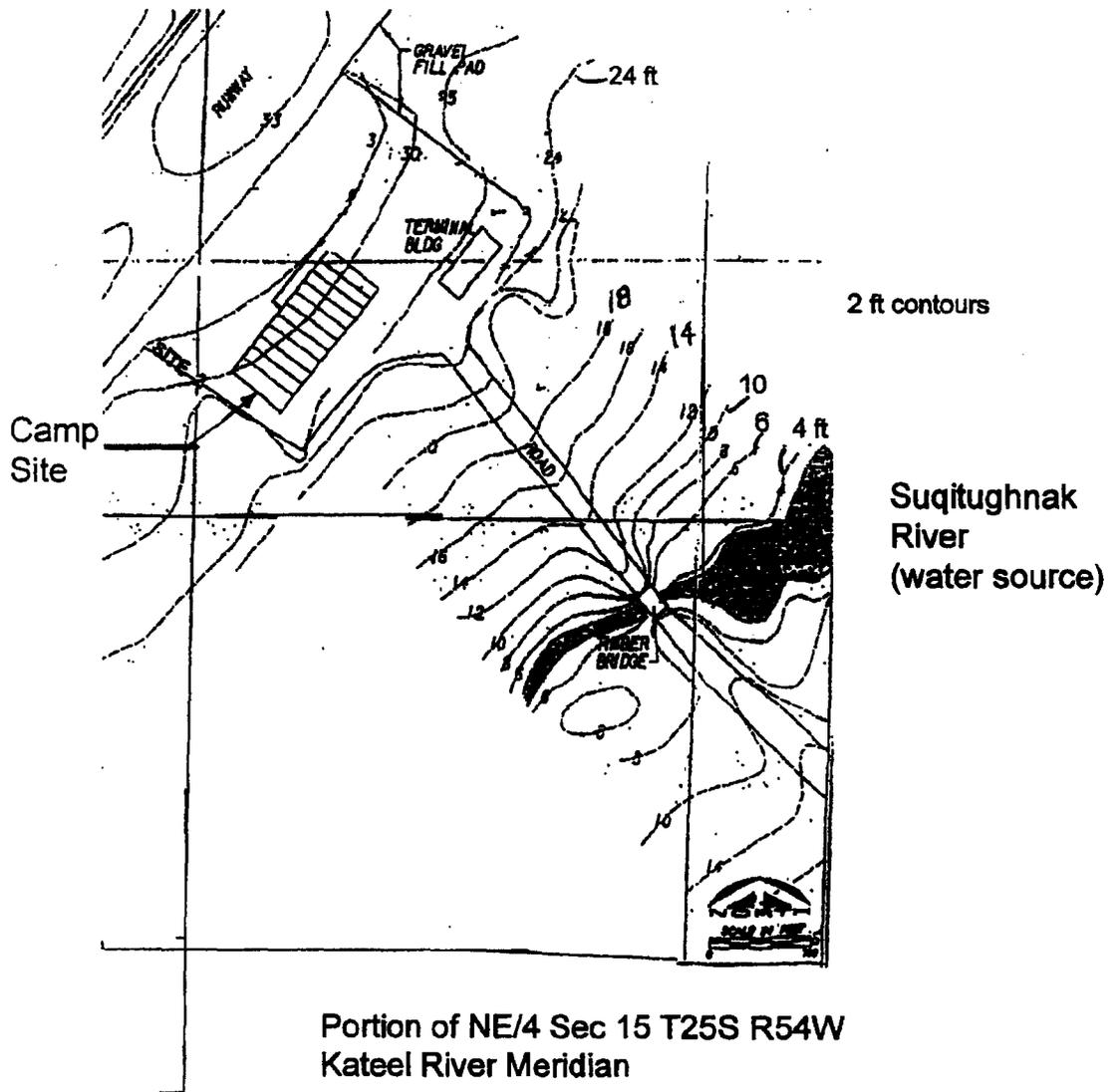
Kuukpik Arctic Catering
St. Lawrence Island Camp
Area Map

Camp Site

63°20'



Kuukpik Arctic Catering
St. Lawrence Island Camp
WW1 Water & Wastewater Treatment Plants
PWSID 334116
Topographical Map



APPENDIX I

**Material Supply and
Quarry Operating Agreement**



Bristol

ENVIRONMENTAL & ENGINEERING
SERVICES CORPORATION

111 W. 16th Avenue, Suite 301
Anchorage, AK 99501-5109
907-563-0013 Phone
907-563-6713 Fax

November 2, 2005

Mr. Jerry Reichlin
Fortier & Mikko
101 W. Benson Boulevard
Suite 304
Anchorage, Alaska 99503

**Borrow Material Payment and
Annual Reclamation Statement
2005 Field Season
Northeast Cape Borrow Site**

Dear Jerry:

Enclosed please find a check for \$6,510.00 for gravel royalties and the 2005 annual surface disturbance payment for the Northeast Cape Borrow Site. This payment was made in accordance with the Borrow Material spreadsheet (enclosed) and our Material Supply and Quarry Operating Agreement (Agreement) dated June 9, 2005. The following table summarizes the gravel extracted during the 2005 season.

Gravel Used at NE Cape During 2005 Field Season

Date	Loads	CY/Load	CY	Haul Unit	From	To
6/30/2005	3	8	24	2200 Morooka	Beach	Fuel Farm
7/1/2005	1	8	8	2200 Morooka	Beach	Camp
8/17/2005	16	15	240	End Dump	Pit	OPS/Road
8/17/2005	2	15	<u>30</u>	End Dump	Beach	Road
			302			

CY = cubic yards

OPS = Air Force Operations Area

I have also included a copy of the Material Site Reclamation Plan/Annual Reclamation Statement we have filed with the State of Alaska, Department of Natural Resources.

Mr. Jerry Reichlin
November 2, 2005
Page 2

This completes our 2005 obligations under our Agreement with Sivuqaq, Inc. and the Savoonga Native Corporation. Please call me at 743-9322 if you have questions or require additional information.

Sincerely,

**Bristol Environmental & Engineering
Services Corporation**



Steven A. Johnson, P.E.
Northeast Cape Project Manager

Enclosures: Check
2005 Annual Reclamation Statement

STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER

- Northern Region
3700 Airport Way
Fairbanks, AK 99709
(907) 451-2740
- Southcentral Region
550 W 7th Ave., Suite 900C
Anchorage, AK 99501-3577
(907) 269-8552
- Southeast Region
400 Willoughby, #400
Juneau, AK 99801
(907) 465-3400

MATERIAL SITE RECLAMATION PLAN OR
LETTER OF INTENT/ANNUAL RECLAMATION STATEMENT
AS 27.19.030 – 27.19.050

Non-refundable filing fee for reclamation plan: \$100

In accordance with Alaska Statute 27.19, reclamation is required of all mining operations, including sand and gravel extraction. Completion of this form will meet the law's requirements for a reclamation plan (see below for filing requirements; due date: at least 45 days before mining is proposed to begin; requires approval by the Division of Mining, Land and Water). Completion of this form will also serve as a letter of intent for operations exempt from the plan requirement (due date: before mining begins). No approval is required for a letter of intent, but a miner who files a letter of intent must, before December 31, file an annual reclamation statement (Section 8 of this form).

Check applicable box:

- A. RECLAMATION PLAN (REQUIRED if the operation will disturb five or more acres this year, OR 50,000 cubic yards, OR if the operation has a cumulative disturbed area of five or more acres)
- C. LETTER OF INTENT (less than five acres to be disturbed AND less than 50,000 cubic yards AND less than five acres unreclaimed area)
NOTE: A miner who files a letter of intent is also required to file an annual reclamation statement at the end of the year.
- B. RECLAMATION PLAN—VOLUNTARY (for an operation below limits shown in Box A but wanting to qualify for the statewide bonding pool)

THIS RECLAMATION PLAN/LETTER OF INTENT IS FOR CALENDAR YEAR 2005
(IF YOU CHECKED EITHER BOX A OR B ABOVE AND PROPOSE A MULTI-YEAR PLAN, STATE ALL YEARS COVERED.)

1. MINER INFORMATION (IF THERE IS MORE THAN ONE MINER, ATTACH A LIST OF THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF ALL OTHER OWNERS, OPERATORS, OR LEASEHOLDERS OF THE MINING OPERATION)

Bristol Environmental & Engineering Services Corp., Attn: Steve Johnson, P.E.

NAME OF MINER WHO WILL SERVE AS AGENT FOR NOTICE PURPOSES

2000 W. International Airport Rd., #C-1

ADDRESS (NOTIFY THE DEPARTMENT OF ANY LATER CHANGE OF ADDRESS)

Anchorage

Alaska

99502-1117

907-563-0013

CITY

STATE

ZIP CODE

TELEPHONE

Savoonga Native Corporation and Sivuqaq, Inc.

NAME OF LANDOWNER (IF OTHER THAN MINER) OR PUBLIC LAND MANAGEMENT AGENCY

FEDERAL OR STATE CASEFILE NUMBER (IF ANY) ASSIGNED TO THE SITE

2. LEGAL DESCRIPTION OF PROPOSED MINING SITE

St. Lawrence Is.

Township 20 South through 29 and Range 53 West and 68 West, Kated River Meridan

LEGAL SUBDIVISION/ SECTION/ QUARTER-SECTION	TOWNSHIP	RANGE	MERIDIAN
---	----------	-------	----------

3. DESCRIPTION OF THE MINING OPERATION (IF YOU CHECKED BOX A OR B ON P. 1 OF THIS FORM AND ARE PROPOSING A MULTI-YEAR RECLAMATION PLAN, ATTACH SEPARATE SHEETS AS NEEDED SHOWING ACREAGE TO BE MINED, VOLUME TO BE MINED, AND EXISTING ACREAGE OF MINED AREA FOR EACH YEAR COVERED BY THE PLAN)

- a. 1 acres Total acreage to be mined or disturbed during the year.
- b. 1,000 cu. yds. Estimated total volume to be mined or disturbed, including overburden.
- c. gravel Type of material (sand, gravel, peat, etc.).
- d. 0 acres Existing acreage of mined area (disturbed area that has not yet been reclaimed, but counting only acreage disturbed after October 15, 1991)

4. DESCRIPTION OF THE RECLAMATION OPERATION

- a. The total acreage that will be reclaimed during the year (or each year, if for a multi-year reclamation plan) is: 1
- b. Provide a list of equipment (type and quantity) to be used during the reclamation operation.
- c. A time schedule of reclamation measures shall be included as part of the plan.

The following measures must be considered in preparing and implementing the reclamation plan. Please mark those measures appropriate to your reclamation activity:

- Topsoil that is not promptly redistributed to an area being reclaimed will be separated and stockpiled for future use. This material will be protected from erosion and contamination by acidic or toxic materials and preserved in a condition suitable for later use.
- The area will be ~~backfilled~~ graded and recontoured using strippings, overburden, and topsoil to a condition that allows for the reestablishment of renewable resources on the site within a reasonable period of time. It will be stabilized to a condition that will allow sufficient moisture to be retained for natural revegetation.
- Stockpiled topsoil will be spread over the reclaimed area to promote natural plant growth that can reasonably be expected to revegetate the area within five years.
- Stream channel diversions will be relocated to a stable location in the flood plain.
- Exploration trenches or pits will be backfilled. Brush piles, vegetation, topsoil, and other organics will be spread on the backfilled surface to inhibit erosion and promote natural revegetation.
- All buildings and structures constructed, used, or improved on land owned by the State of Alaska will be removed, dismantled, or otherwise properly disposed of at the completion of the mining operation.
- Any roads, airstrips or other facilities constructed to provide access to the mining operation shall be reclaimed (unless otherwise authorized) and included in the reclamation plan.
- Peat and topsoil mine operations shall ensure a minimum of two inches of suitable growing medium is left or replaced on the site upon completion of the reclamation activity.

- If extraction occurs within a flood plain, the reclamation activity shall reestablish a stable bed and bank profile such that river currents will not be altered and erosion and deposition patterns will not change.

NOTE: If you propose to use reclamation measures other than those shown above, or if the private landowner or public land manager of the site requires you to use stricter reclamation measures than those shown above, attach a list of those measures to this plan.

5. ALTERNATE POST-MINING LAND USE

- The mining site is public land. The land management agency's land use plan (if any) for post-mining land use is: _____
- The mining site is public land. As allowed by AS 27.19.030(b), I propose to reclaim it to the following post-mining land use: _____
- The mining site is private property. The private landowner plans to use it for the following post-mining land use: _____
natural area -- no economic use planned

6. ATTACHMENTS

- If the mining operation has additional owners, operators, or leaseholders not shown on p. 1 of this form, attach a list of their names, addresses, and telephone numbers.
- Attach a USGS map at a scale no smaller than 1:63,360 (inch to the mile) showing the general vicinity of the mining operation and the specific property to be mined. Option: If you checked Box C on the first page of this form and the mining site is adjacent to an airport or public highway, state the name of the airport or the name and milepost of the public highway.
- Attach a diagram of the mined area (this term includes the extraction site, stockpile sites, overburden disposal sites, stream diversions, settling ponds, etc.) and the mining operation as a whole (this term includes the roads you plan to build, your power lines, support facilities, etc.). Show and state the number of acres to be mined during the year. (If you checked Box A or B on the first page of this form and your plan covers more than one year, show each year's work.) Show the location corners or property boundaries of the site in relation to the reclamation work and any other areas affected by the operation.
- Attach a list of the equipment (type and quantity) to be used during the reclamation activity.
- A time schedule of events must be attached that includes dates and activities related to this reclamation plan.
- If the site is private land not owned by the miner, attach a signed, notarized statement from the landowner indicating the landowner's consent to the operation. The landowner may also use the consent statement to notify the department that the landowner plans a post-mining land use incompatible with natural revegetation and therefore believes that reclamation to the standard of AS 27.19.020 is not feasible.
- For those miners that are required to file an annual reclamation statement, attach photographs and/or videotapes dated and described as to location of the reclamation activity that was completed.
- If you propose to use reclamation measures other than those listed on this form, or if the private landowner or public land manager of the site requires you to use stricter reclamation measures, attach a list of those measures.

7. RECLAMATION BONDING (REQUIRED ONLY IF YOU CHECKED BOX A or B ON THE FIRST PAGE OF THIS FORM)

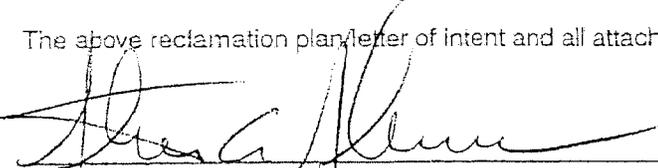
The total acreage of my mining operation that is subject to the bonding requirement for the current year is _____ acres (add acreages stated in Section 3(a) and 3(d) of this form).

The per-acre bond amount is \$750/acre or a total bond amount of \$_____.

Please check the appropriate bonding method that you will apply toward this reclamation plan:

- Participation in the statewide bonding pool.
- Posting a corporate surety bond.
- Posting a personal bond accompanied by a letter of credit, certificate of deposit, or a deposit of cash or gold.
- Posting a bond or financial guarantee with another government agency that has jurisdiction over the mining operation, as allowed by a cooperative management agreement between that agency and the Division of Mining, Land and Water.
- Posting a general performance bond with a state agency that meets the requirements of 11 AAC 97.400(4).

The above reclamation plan, letter of intent and all attachments are correct and complete to the best of my knowledge.



Signature of Miner

05/24/05
Date

Bristol Environmental & Engineering
Services Corp.

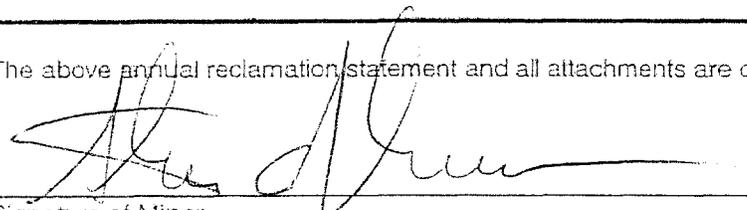
AS 27.19.030 and AS 27.19.050 require a miner either to file a reclamation plan for approval or to file a letter of intent followed by an annual reclamation statement. This information is made a part of the state public land records and becomes public information under AS 40.25.110 and 40.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(9) and confidentiality is requested). Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 44.99.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit are punishable under AS 11.56.210.

8. ANNUAL RECLAMATION STATEMENT—REQUIRED IF YOU FILED A LETTER OF INTENT (CHECKED BOX C ON THE FIRST PAGE) FOR THIS OPERATION. DUE DATE: DECEMBER 31, _____. YOU MUST FILE EVEN IF THE MINING DESCRIBED IN YOUR LETTER OF INTENT DID NOT TAKE PLACE.

This 2005 annual reclamation statement is for:
(year)

- a. _____ acres Total acreage mined.
- b. 302 cu. yds. Total volume mined or disturbed, including overburden.
- c. _____ acres Total acreage reclaimed.
- d. _____ acres Cumulative total of unreclaimed acreage.
- e. Reclamation measures that were used (check appropriate measures from Section 4, DESCRIPTION OF THE RECLAMATION OPERATION, and attach list of additional or stricter measures if applicable).

The above annual reclamation statement and all attachments are correct and complete to the best of my knowledge.



Signature of Miner

10/24/05
Date

Note: The measures checked in Section 4 were used in August 2005 to reclaim the area disturbed.

AS 27.19.030 and AS 27.19.050 require a miner either to file a reclamation plan for approval or to file a letter of intent followed by an annual reclamation statement. This information is made a part of the state public land records and becomes public information under AS 09.25.110 and 09.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(9) and confidentiality is requested). Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 44.99.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit are punishable under AS 11.56.210.

**2005 MATERIAL SUPPLY AND
QUARRY OPERATING AGREEMENT**

Savoonga Native Corporation, whose address is P.O. Box 150 Savoonga, Alaska 99769, and Sivuuq Inc., whose address is P.O. Box 101 Gambell, Alaska 99742, Alaska Native Corporations created pursuant to the Alaska Native Claims Settlement Act, herein referred to as "Owners," and Bristol Environmental & Engineering Services Corporation, whose address is 2000 W. International Airport Road #C-1, Anchorage, Alaska 99502-1116, herein referred to as "Contractor" agree to the extraction of gravel and the operation of the quarry and such other rights as are designated in this contract, subject to the following provisions:

1. **DESCRIPTION - LOCATION, MATERIAL, AND PRICE:**

1.1. **Quarry Description.** The material source areas covered by this agreement is the borrow site described in the White Alice Site Removal Action St. Lawrence Island, Alaska ~~DACA 85-02-C-0011.~~ *W911KB-04-C-0019* *SAS*

1.2. **Royalty.** The royalty price for all types of material removed from the Quarry during the Term of this Agreement is:

<u>Material Type</u>	<u>Unit Price</u>
Gravel	\$5.00 (per Cubic Yard)
Overburden from Quarry stockpiled in the Quarry	no charge

Quantities to be determined by truck count.

2. **EXCLUSIVE RIGHTS AND DUTIES:**

Owner hereby grants to Contractor and Contractor accepts from Owner, the exclusive right to manage and operate the Quarry for the Term of this Agreement (defined in ¶3). Management and operation of the Quarry shall include, without limitation, the following:

A. The exclusive right to manage the extraction and removal of Materials from the Quarry;

B. The exclusive right, to secure access to the Quarry to avoid an attractive nuisance and deter unauthorized extraction of Materials therefrom, up to and including, fencing the perimeter and/or access to the Quarry;

C. The duty to perform all reclamation identified in the Letter of Intent (section 5).

3. **TERM:**

The term of this Agreement ("term") shall commence on May 1, 2005 and expire on December 31, 2005.

4. **PAYMENTS AND DEPOSITS:**

A. Contractor shall remit to the owner "surface disturbance" payment in the amount of \$5,000 prior to the cessation of work for winter or completion or termination for any year during which contractor extracts or transports gravel from the Quarry.

B. Within 30 days after the cessation of work for winter, or completion or termination, Contractor in any year in which the Contractor extracts or transports gravel from the Quarry, Contractor shall pay payments as described in Paragraph 1.2.

5. **LETTER OF INTENT/ANNUAL RECLAMATION STATEMENT:**

A. By ^{June 5th} ~~May~~ 15, 2005 and prior to commencing any operations in any Quarry subject to this Agreement, the Contractor shall file a "Letter of Intent" (Letter) with the State of Alaska Department of Natural Resources, Division of Land (Division of Land) as required by State law. The contractor shall also file an "Annual Reclamation Statement" (Statement) with the Division of Land as required by State law. The Statement shall be filed before December 31 of any calendar year during which Quarry operations were carried out under this Agreement.

B. Two weeks prior to submitting its Letter of Intent with the State the Contractor shall provide a copy of the Letter of Intent to the Owners as listed in Paragraph 18 with a copy to FORTIER & MIKKO, P.C. for review and comment.

6. **RECLAMATION PLAN:**

Contractor shall comply with the requirements of the Letter (section 5) regarding reclamation. The Contractor shall document reclamation activities per the Statement (section 5).

7. **CONFLICT WITH CONTRACT:**

In the event that any provision of this Material Supply Contract and Quarry operating Agreement shall conflict with Contractor's Contract with the Corp. of Engineers, for the White Alice Site Removal Action St. Lawrence Island, Alaska ~~DACA 85-02-C-0011~~ SA

W911KB-04-C-0019

~~DACA 85-02-C-0011~~ shall control and this Agreement shall be considered amended to bring it into conformity with ~~DACA 85-02-C-0011~~ ^{W911KB-04-C-0019} S.A.S.

8. INSPECTION OF QUARRY:

Prior to commencing any operations at the Quarry, authorized representatives of Contractor and Owners shall inspect the Quarry to determine whether and to what extent prior mining operations have resulted in visual environmental contamination that requires remediation. Contractor shall have no obligation to perform remediation of contamination discovered at this inspection; provided, however, that from the date of such inspection Contractor shall be liable for all hazardous materials deposited at the Quarry as a result of Contractor's operations during the term hereof, or any extension. Failure by the parties to do so shall not affect the enforceability of this Agreement, provided Contractor prepares and transmits its environmental findings to Owners, at its address set forth in ¶26, below in writing, before beginning Operations.

9. TOPSOIL AND OVERBURDEN:

Topsoil and overburden shall be segregated for future use in the Quarry for reclamation pursuant to the requirements of 11 AAC 97.200(a)(2) or its successor, and Contractor shall have no obligation to pay Owners for such topsoil and overburden unless the same is sold; provided, however that prior to any sale of topsoil, the price and terms of the sale must be agreed upon in a writing executed by Owners and Contractor, and Owners shall be paid not less than \$3 per cubic yard for any such sale.

10. BOOKS AND RECORDS OF ACCOUNT:

Contractor shall maintain accurate and complete records, log books and books of account documenting: (a) the volume of gravel extracted from the Quarry seasonally and submitted to Owners; (b) the amounts due and payable by Contractor and; the amounts actually paid by Contractor to Owners pursuant to this Agreement.

Materials from the Quarry shall be measured by truck loads. The truck count shall be performed and recorded by the scale house attendant maintained on site by the Contractor. The scale house attendant will provide the truck count to the Contractor's Site Superintendent or his designee on a daily basis. The Site Superintendent will provide a summary of the truck count to Owner within five business days of receiving a request from the Owner. Without request, the site supervisor shall provide a summary of the truck count to Owner within five business days after cessation of work for the winter.

11. **OPERATING REQUIREMENTS:**

W911KB-04-C-0019 SA

11.1. Standards of Operations. Contractor shall excavate and remove Material from the Quarry in compliance with all laws, regulations, ordinances, orders and its contract with the Corps ~~DACA 85-02-C-0011~~ Contractor shall conduct and maintain its Operations in a commercially reasonable, workman like and clean manner, and shall take all necessary precautions to prevent or suppress fires and to prevent erosion, contamination or destruction of the land and adjacent wetlands and waters. The Contractor agrees to carry out its quarry operations only in areas previously disturbed by others at the Quarry site.

11.2. Supervision. Contractor shall maintain adequate supervision at all times when Operations are in progress to ensure compliance with the provisions of this contract and all applicable federal, state, and local laws and regulations.

11.3. Agents. The provisions of this Contract apply with equal force upon any agent, employee, or contractor designated by Contractor to perform any of the Operations under this contract. Contractor is liable for the noncompliance caused by any such agent, employee, or contractor.

11.4. Grave Sites or Archaeological Sites. No grave or archaeological site shall be in any way disturbed, removed, or damaged. Upon encountering any grave or archaeological site, Contractor shall immediately cease work in the area of the site and shall immediately notify Owners.

12. **COMPLIANCE WITH APPLICABLE LAWS:**

Contractor shall comply with all local, State and federal laws, statutes, ordinances, rules, regulations, decrees, injunctions, orders and codes now or hereafter applicable to the operation or management of the Quarry during the term of this Agreement, including without limitation, mining reclamation, mining safety and health (i.e., "MSHA") and occupational safety and health (i.e., "OSHA"). These laws and regulations are, by this reference, made a part of this Contract.

13. **REQUIRED PERMITS:**

Contractor shall obtain and maintain, at its expense and throughout the Term, all licenses, permits, approvals, consents and certificates from local, state and federal authorities which may be necessary or appropriate for its management and operation of the Quarry.

14. **INDEMNITY:**

Contractor and Owners shall mutually defend, indemnify and hold each other, its

officers, directors, employees and agents harmless from and against any and all claims, demands, actions, liabilities, and/or damages arising out of or related to Operations at the Quarry, including but not limited to claims for personal injury or death, and damages for accidents or fire, nuisance, or failure to comply with applicable laws and regulations. Contractor will keep all goods, materials, furniture, fixtures, equipment, machinery, and other property at the Quarry at its sole risk, and will hold Owners harmless from any claim of loss or damage to them by any cause.

15. ASSIGNMENT:

This contract may be assigned or transferred pursuant to 30 days advance notice to Owners.

16. PERMITS:

Any permits necessary for Operations under this Contract must be obtained by Contractor before commencing those Operations.

17. WARRANTIES:

This sale is made without any warranties, express or implied, as to quantity, quality, merchantability, profitability, or fitness for a particular use of the Material to be extracted from the Quarry under contract. Contractor specifically waives any claims that may arise resulting from the use of the Material.

18. NOTICES:

All notices and other documents required or authorized under this Contract must be in writing and are deemed delivered upon receipt provided that the same are sent certified mail, postage paid, to the party to which the same is mailed the following address or such other address as such party may, by written notice provide:

To the Owner: Savoonga Native Corporation
 P. O. Box 160
 Savoonga, AK 99769

 Sivuqaq Inc.
 P.O. Box 101
 Gambell, AK 99742-0101

with a copy to FORTIER & MIKKO, P.C. 101 W. Benson Blvd., Suite 304, Anchorage, AK 99503.

To the Contractor: Bristol Environmental & Engineering Services Corporation
2000 W. International Airport Road #C-1
Anchorage, Alaska 99502-1116

19. **INTEGRATION AND MODIFICATION:**

This Contract, including all laws and documents that by reference are incorporated in it or made a part of it, contains the entire agreement between the parties. This Contract may not be modified or amended except by a document signed by both parties to this contract. Any amendment or modification which is not in writing, signed by both parties, is null and void and of no legal effect.

20. **SEVERABILITY OF CLAUSES OF CONTRACT:**

If any provision of this Contract is adjudged to be invalid, that judgment does not affect the validity of any other provision of this Contract, nor does it constitute any cause or action in favor of either party as against the other.

21. **CONSTRUCTION:**

Words in the singular number include the plural, and words in the plural number include the singular.

22. **HEADINGS:**

The headings of the numbered paragraphs in this Contract shall not be considered in construing any provisions of this Contract.

23. **“EXTRACTED,” “EXTRACTION”:**

In this Contract, use of the terms “Extracted” and “Extraction” encompasses the severance or removal, as well as extraction, by Contractor of any Material covered by this Contract.

24. **WAIVERS:**

No agent, representative, or employee of Owners has authority to waive any provision of this Contract unless expressly authorized to do so in writing by the Presidents of Savoonga Native Corporation and Sivuqaq Inc.

25. **GOVERNING LAW:**

This Contract shall be governed by and construed in accordance with Alaska law. Venue and jurisdiction shall lie exclusively in the Superior Court for the State of Alaska, Third Judicial District, at Anchorage, Alaska.

26. **EFFECTIVE DATE:**

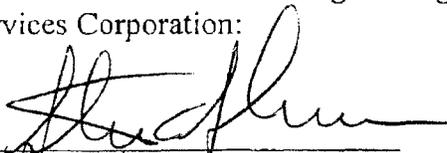
This Contract shall be effective this _____ day of _____, 2005.

27. **COUNTERPART DOCUMENTS:**

This Agreement may be signed in counterpart copies the signature pages of which may be combined to form a complete original documents. By signing this Contract, Owner, and Contractor, agree to be bound by its provisions as set out above.

CONTRACTOR:

Bristol Environmental and Engineering
Services Corporation:

By: 
Its: Project Manager

OWNER:

Savoonga Native Corporation:

By: 
Its: President

Sivuqaq Inc.

By: _____
Its: _____

APPENDIX J

Field Notes

Larry Pederson Notes

Book 1 of 2



HORIZONTAL LINE

All-Weather Notebook
No. 391

NE Cape
July 6 - Aug 8, 2005
Larry Pederson

4 1/2" x 7" - 48 Numbered Pages

7/6/05 - Wednesday
Arrived @ 18:30

Had orientation & dinner
until 1930.

End of Day

Amy W. Pedersen
7/6/05

7/7/05 - Thursday

~~0700~~ - ^{LWP 7/7/05}
~~Rest At~~
Morning Safety Mtg

0730 - Begin ATV training
finished @ 1130.

1200 - Check field supplies

1230 - Lunch

1300 - Visit Sites to see what
needs to be done w/ Hank

1500 - Transfer files to IVE Cape
servers.

1530 - Transfer supplies to Server
IT Room / Fill out HVS Forms

1630 - Check & Load Tools into Blazer
w/ Carl.

1730 - Finish Organizing Office

1830 - End of Day *Amy W. Pedersen*

7/8/05 - Friday

07:00 - Morning Tail gate meeting

08:30 - Talk w/ Steve + Michelle about sampling

08:45 - met w/ Hank, Rollie, Mac about how sampling activities to be performed.

10:00 - Hank + I up to ^{excavation} sites to perform measurements on sites w/ multiple depths.

12:00 - Finish notes and verify data @ office.

12:30 - Lunch

13:00 - Check on Refrigerator/Deionization + Concrete progress.

15:30 - Place and Record 4 Baker Pikes of Concrete.

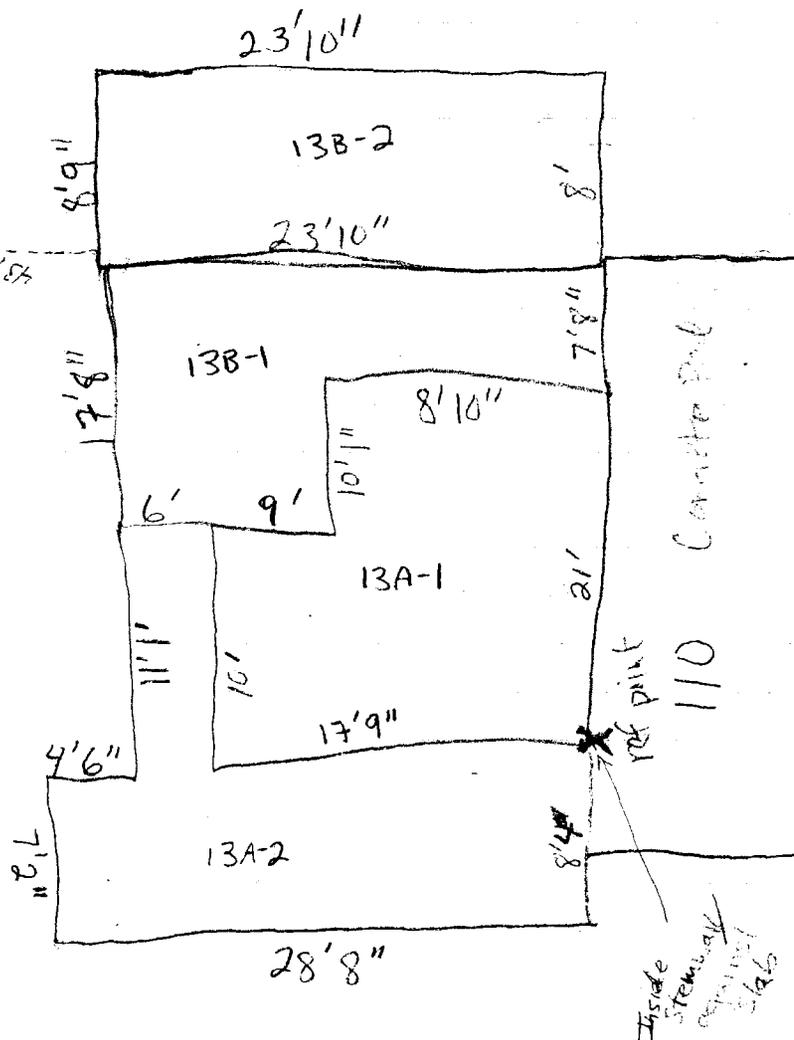
Met w/ Rollie, Mac, Hank about what to do with Bldg. 110 Concrete Pod. Carl + Mac of turn pt. Tried to find Respirator Cartridges

18:30 - End of Day

Bldg. 110 Soil Excavation

13A + 13B

NTS



Site 31 Soil Excavation

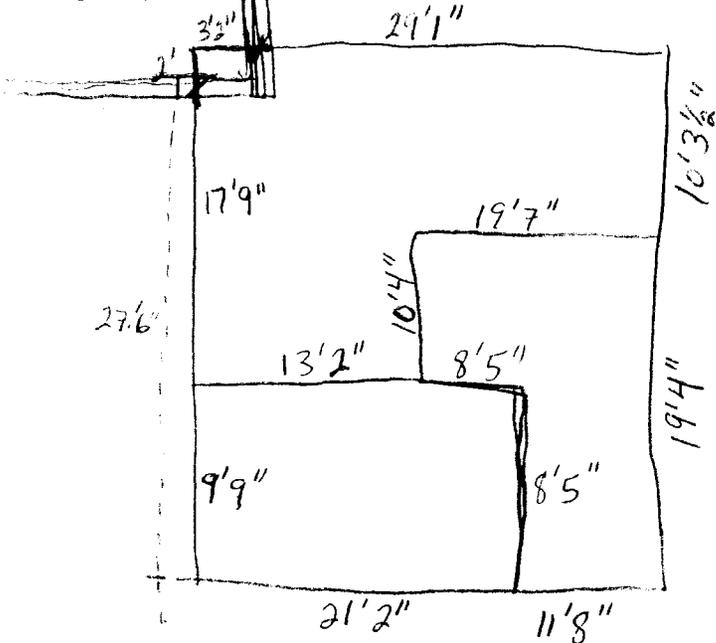


31A

Ref. Points on inside of stem wall

All lengths are measured from inside of stem wall

11 1/4"
11 1/4"
Concrete
pad
Room



NTS

X Reference Point Flag
47'6"

End of Day

Jerry W. [Signature]

7/9/05 - Saturday

- 07:00 - Safety Mtg.
- 07:30 - Plan sample procedures @ 109
4/Hank
- 08:30 - Start Preping for samples
getting Fridges / freezer + get ice
ready
- 9:30 - Head to site to find supplies
- 10:30 - End of Day due to high winds

End of Day

Jerry W. [Signature]

7/10/05 - Sunday

- 1030 - Safety Meeting
- 1045 - Sample planning / Refrig prep.
- 12:00 - Prelabel Sample jars for 109 Creek pool.
- 16:30 - To site and set up sample pits
+ conc. pads are ready for sampling.
Revised Convey etc.

1700 - create cooler shipping labels
18:30 - End of Day

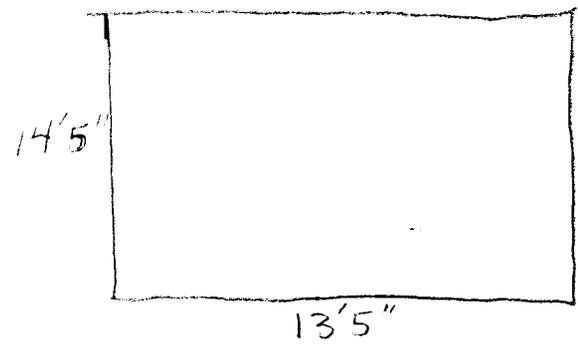
End of Day
[Signature]

7/11/05 - Monday

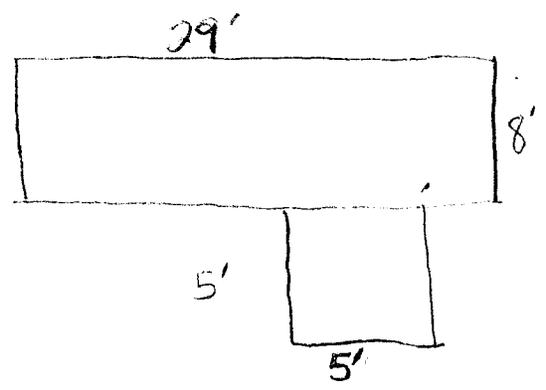
- 0700 - Safety Mtg.
- 0730 - Refridge, ^{check} not working, transfer gel-ice to cools freezer
Double check waste book for an against ^{wt} tickets.
- 0900 - Time card, call to Steve J. +
?'s for M. Turner
- 0930 - Set up typewriter for Manifests prep, figure out prioritization of samples and how many. Determine to do soil samples first, then concrete.
- 1100 - Hank and I to double check a few ^{soil} excavation sites dimensions against figures.
- 1230 - Lunch
- 1300 - Determine how many more ENSYS samples are needed
- 14:00 - Talk to Steve about ~~Wandering~~ 11200 ENSYS kits.
- 1500 - Remark soil excavation areas in air & wood cleaned off.
- 1630 - Pre-enter data for soil sampling into sample log, timesheet, real work Plan.
- 1830 - End of Day

Soil Excavation Area Site 110

Excavation 13C NTS NT



Excavation 13D + 13E



7/12/05 - Tuesday

- 07150 - Safety Mtg.
- 0730 - Pictures of Clean-up areas around Camp Beach Rd. + Beach near Jones camp
- 0830 - Placarding finished up 4 Baker Boxes recorded on 7/10
- 1030 - Respiration Use Review + fill out paperwork
- 1230 - Lunch
- 1300 - Work on Fridge
- 1400 - Gather Soil Sample Jars + pre-label lids
- 1600 - Check site sample areas
- 1830 - End of Day

END OF DAY

End of Day
[Signature]

[Signature]

7/13/05 - Wednesday

0700 - Safety Mtg.

0730 - Site Check

0830 - Read SAP to double check that I
have procedures correct.

0900 - Call Steve Crupi w/ 2's about
SAP? Soil + Concrete Sampling

1100 - Prelabel Soil Sample jars

1230 - Lunch

1300 - Get Figures + Info ready to
have on site during soil
excavations

1600 - Helped unload Plane + line
2 Baker Boxes.

1830 - End of Day

7/14/05

0700 - Safety Mtg.

0730 - Begin soil Excavations @ Site 31

1001 MEC

10:00 - Stop ~~Excavating~~ ^{CWP} Excavating
High Winds.

Start Helping to line Baker
Boxes.

12:30 - Lunch

1300 - Placarding + Close ² soil containers
up.

1600 - Help guys w/ connects
filling

1830 - End of Day.

End of Day
[Signature]

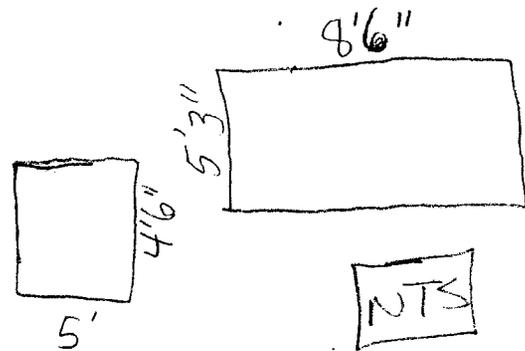
7/15/05 - Friday

- 0700 - Safety Mtg.
- 0730 - Start Excavating @ Site 31
- 1030 - Finish + move to site 98
- 1045 - Start digging at 98
- 1145 - Done w/ site 98
- 1200 - Move to Site 7
- 1230 - Lunch
- 1300 - Begin Digging @ Site 7
- 1430 - Done w/ Site 7
- 1500 - Arrive @ site 13 Bldg. 110
- 1530 - Excavate #'s 13D + E
- 1600 - ~~Go~~ Finish Digging for day
Batteries dead on Excavator
- 1630 - Flacarding Boxes weighed today
- 1800 - Finish Flacarding + recording
convex weights
- 1830 - End of Day

End of Day

Jerry Pedler

Site 98 14A + B NT



Actual Measurements

End of Day

Jerry Pedler

7/16/05 - Saturday

0700 - Safety Mtg.

0715 - To site to oversee concrete
removal @ Mtg. 110 + remark
soil excavation area

0830 - Prep. Mtg. for sampling

0900 - Oversee soil excavations
@ Bldg. 110.

1230 - Lunch

1300 - Excavations @ Bldg. 110.

1830 - End of Day

7/18/05 - Monday

0700 - Safety Mtg.

0715 - Sample jar + equip prep

0800 - to field w/ Jake to collect
samples (soil).

~~End of Day~~

~~Frankie Pol~~

Sample #	Depth	Location	Date	Time	Sample #	Depth	Location	Date	Time		
1	6 inches	31-A1	7/18/05	10:50 AM	27	6" inches	14B	7/18/05	13:50 P.M.		
2	6 inches	31-A1		10:55 AM	28	6" inches	14B		13:55 P.M.		
3	6 inches	31-A1		10:58 AM	29	2 1/2"	7A		14:10 P.M.		
4	6 inches	31-A1		11:15 AM	30	2 1/2"	7A		14:15 P.M.		
5	6 inches	31-A1		11:20 AM	31	2 1/2"	7A		14:30 P.M.		
6	6 inches	31-A-2		11:30 AM	32	1' FT	7B		14:25 P.M.		
7	6 inches	31-A-2		11:35 AM	33	1' FT	7B		14:30 P.M.		
8	6 inches	31-A-2		11:40 AM	34	1' FT	7B		14:35 P.M.		
9	2'	31A-3		7/21/05	12:00	35 QC					
10	2'	31A-3			12:05	36 QA					
11-QC			7/21/05		37	1 1/2"	7C		14:40 P.M.		
12-QA					38	1 1/2"	7C		14:45 P.M.		
13	2'	31A-3			39	1 1/2"	7C		14:50 P.M.		
14	2'	31A-3	7/18/05	12:15	40	2' FT	7D		14:55		
15	6 inches	31B		11:45 AM	41	2' FT	7D		15:00		
16	6 inches	31B	7/18/05	11:50 AM	42	2' FT	7D		15:05		
17	6 inches	31B		11:55 AM	43	1' FT	7E		15:10		
18	6 inches	31C		12:05 PM	44	1' FT	7E		15:15		
19	6 inches	31C		12:10 PM	45	1' FT	7E		15:20		
20	6 inches	31C		12:15 PM	46	1' FT	7F		15:25		
21	1' FT	14A		13:30 PM	47 QC						
22	1' FT	14A		13:35 PM	48 QA						
23-QC					49	1' FT	7F		15:30		
24-QA					50	1' FT	7F		15:35		
25	1' FT	14A			51	1' FT	13E		15:50		
26	6 inches	14B		52	1' FT	13E		15:55			

Feature Layer Data
 Core Sample, pit full of
 water

2'
 2'
 2'

7/21/05
 ↓

7/21/05
 ↓

7/18/05
 ↓



Sample #	Depth	Location	Date	Time
53	1 ft	13E	7/18/05	16:00
54	6 inches	13D		16:05
55	6 inches	13D		16:10
56	6 inches	13D		16:15
57	1 1/2"	13C		16:30
58	1 1/2"	13C		16:35
59	QC			
60	QA			
61	1 1/2"	13C		16:40
62	1 1/2"	13B-2		17:40
63	1 1/2"	13B-2		17:45
64	1 1/2"	13B-2		17:50
65	2 1/2"	13B-1		17:55
66	2 1/2"	13B-1		18:00
67	2 1/2"	13B-1		18:05
68	2 1/2"	13B-1		18:08
69	2 1/2"	13B-1		18:12
70	2 1/2"	13B-1		18:15
71	QC			
72	QA			
73	2 1/2"	13A-1		18:18
74	2 1/2"	13A-1		18:20
75	2 1/2"	13A-1		18:22
76	2 1/2"	13A-1		18:24
77	2 1/2"	13A-1		18:26

7/18/05 - Monday
 All Soil Samples collected are analyzed for PCB's.

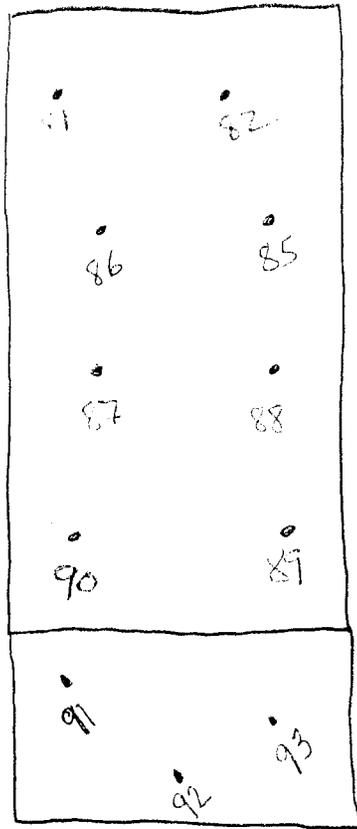
Soil Sample 43 - taken above a buried Drum

Sample #	Depth	Location	Date	Time
78	1 1/2"	13A-2	7-18-05	18:28
79	1 1/2"	13A-2	↓	18:30
80	1 1/2"	13A-2		18:32
81	6"	1001-A		7-19-05
82	6"	1001-A		0800
83	QC			
84	QA			
85	6"	1001-A		0805
86	6"	1001-A		0810
87	6"	1001-A		0815
88	6"	1001-A		0820
89	6"	1001-A		0825
90	6"	1001-A		0830
91	6"	1001-G		0835
92	6"	1001-G		0840
93	6"	1001-G		0845

Sample #	Depth	Location	Date	Time
94	6"	1001-C	7-17-05	11:05 AM
95 QC				
96 QA				
97	6"	1001-C		11:10
98	6"	1001-C		11:15
99	6"	1001-E		11:20
100	6"	1001-E		11:25
101	4"	1001-E		11:30
102	6"	1001-F		11:35
103	6"	1001-F		11:40
104	6"	1001-F		11:45
105	6"	1001-F		11:50
106	6"	1001-F		11:55
107 QC				
108 QA				
109	6"	1001-F		12:00 P.M.
110	6"	1001-F		12:05
111	6"	1001-F		12:10
112	6"	1001-F		12:15
113		110	7/22/05	
114		110		see pg.
115		110		35

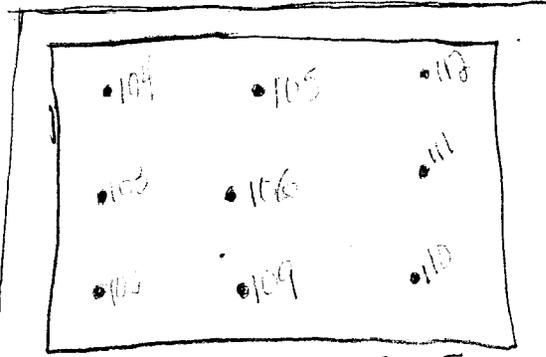
7/19/05 - Tuesday
 0700 - Safety Mtg.
 0715 - Soil Sampling
 0845 - Tel Con Mtg.
 1001 - Room A + G Sample Locations

N ↑
 NTS

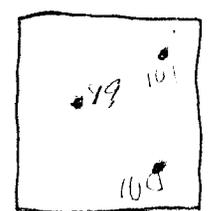


Bldg. 1001 - Corrosion Test - F Sampling

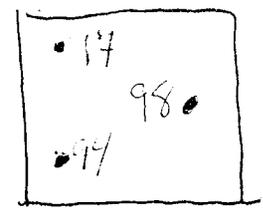
NTS



Rm. F



Rm E



Rm. C

Container Waste Concrete Characterization

40 ppm (below or above)

Container #	Ensys Result
QC	-0.28
PNWS 8006	0.79
PNWS 8005	1.10
PNWS 8133	1.12
PNWS 8141	0.89
PNWS 8093	0.91
PNWS 8113	1.04
PNWS 8084	0.81
PNWS 8028	1.02
PNWS 8027	0.83
PNWS 8094	0.99
PNWS 8027	1.12

All less than 40 ppm

QC -0.36

Actually Run on 7/22/05 - Friday

7/20/05 - Wednesday

Office - Safety Mtg.
 0715 - Prep area for Ensys Sampling
 0915 - Begin Ensys
 1245 - Lunch
 1400 - Ensys
 1645 - Lunch
 1800 - Ensys
 0730 - End of Day

Intentionally Blank

Ensys Zero Check w/ Bottled
 Water
 Readings = +0.01 Zero limits are
 good.

7/20/05 - Wednesday

Sample #	Ensys Result
QC 1200	-0.03 under -0.3 $\mu\text{g/g}$
51 1200	0.12 < 0.5 ppm PCB
52	-0.32 > 0.5
53	1.18 < 0.5 ppm PCB
54	0.11 < 0.5 ppm PCB
55	1.12 < 0.5 ppm PCB
56 1400	-0.37 > 0.5 ppm PCB
57	0.56 < 0.5
58	0.12 < 0.5
61	-0.23 > 0.5 very dump
1	-0.51 > 0.5 Saturated
QC-0.11	-0.52 > 0.5
3	0.25 < 0.5
4	-0.42 > 0.5 very dump
5	-0.50 > 0.5 Saturated
6	-0.54 > 0.5 Saturated
7	-0.51 > 0.5
8	-0.38 > 0.5
9	Not Sampled Per Rules, etc
10	
11	
13	
14	

Sample #	Time	Ensys Result
QC	1815	-0.06
15		-0.65
16		-0.65
17		-0.60
18		-0.14
19		-0.56
20		-0.58
21	1930	-0.58
22		-0.43
25		-0.61
26		-0.11
27		-0.30
28		-0.47
QC	2115	-0.10
29		0.57
30		1.09
31		-0.29
32		0.74
33		0.44
34		0.35
QC	2245	-0.09
37		0.30
38		0.62
39		0.55
40		0.67

water saturation
↓
Damp
↓

Sample #	Time	Ensys Result
41		0.02
42		0.71
QC	0010	-0.07
43		-0.35
44		-0.63
45		-0.62
46		0.29
49		0.29
50		0.31
⊙		

END OF DAY

James W. Pelt

7/21/05 - Thursday
 07:00 - Safety Mtg.
 07:15 - Ersys
 07:30 - Talk to Steve + Michelle
 08:00 - Ersys
 10:15 - Collect Samples
 12:00 - Lunch
 12:00 - Ersys
 12:00 - Set Tain up to crash control
 Samples
 16:30 - Ersys
 18:00 - Dinner
 19:00 - Ersys
 20:00 - End of Day

Re-collection of Soil Samples

43 - 7/21/05 11:25
 44 - ↓ 11:30
 45 - ↓ 11:35
 51 - ↓ 11:50
 52 - ↓ 11:55
 53 - ↓ 12:00

7/21/05 - Thursday		QC - 0.05	Time: 1040
Sample #	Time	Ersys Result	
62	1040	-0.58	
63		-0.42	
64		-0.10	
65		-0.58	
66		-0.31	
67		-0.17	
QC	1505	-0.06	
68		1.02	
69		1.15	
70		1.12	
73		0.96	
74		1.22	
75		1.16	
QC		-0.06	
76		-0.46	
77		-0.41	
78		0.00	
79		0.66	
80		-0.21	
81		1.15	
QC		-0.04	
82		0.89	
85		0.67	
86		1.25	
87		1.07	
88		0.88	

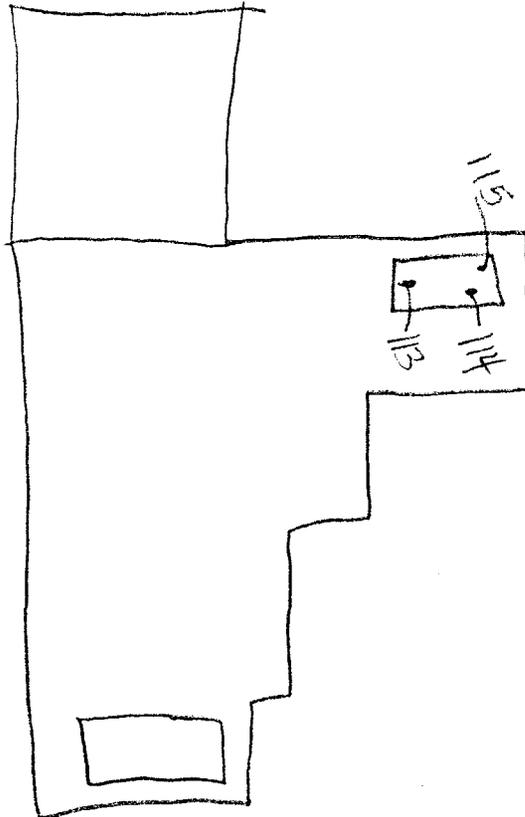
Sample #	Time	Ensys Result	
89	2070	1.13	
QC		-0.05	
90		0.70	
91		0.77	
92		0.77	
93		0.91	
94		0.70	
97		0.65	
QC		2130	-0.03
98		0.84	
99		1.17	
100		1.12	
101		0.02	
102		0.97	
103	0.60		
QC	2400	0.04	
104		1.07	
105		1.10	
106		1.05	
107		0.82	
110		0.82	
111		0.92	
QC		-0.03	
112		0.80	
50 Re		0.87	
43 Re	0.32		

Sample #	Time	Ensys Result
44 Re		-0.63
45 Re		-0.55
25 <small>Double Check</small>		-0.74

End of Day
Jing Wang

Friday
 0700 - Safety Mtg
 0715 - Enslp OR Annual Characterization
 Samples: See page 25.

FMR. BLDG. 110



Sample 113 7/22/05 1045
 114 ↓ 1050
 115 ↓ 1055

Sample #	Time	Enslp Result
QC	1200	-0.17
113		-0.59
114		0.68
115		0.64

locate ^{well} samples 29, 30, + 31
 29 - 1550 - 7/22/05
 30 - 1555 -
 31 - 1600 - ↓

Sample #	Time	Date	Erscys Result
29 Re	↑	7/22/05	-0.69
30 Re	↑		-0.44
31 Re	↑		-0.42
QC	1705		-0.01

7/25/05 - Mondays in ANC

Michelle Turner + Patricia helped gather samples to be sent to lab, put on COC's + brings to lab. (also labeled).

End of Day

John W. Adams

8/2/05 - Tuesday

7am - Trough to NE Cape

1300 - Arrive NE Cape

1530 - get settled / Enter data in ^{Waste +} _{Sample} Logs.

1930 - helped w/ loading totem boxes
and containers in Shipment

IA.

2250 - finished

End of Day

Farryll W. Pehr

8/3/05 - Wednesday

7am - Safety Mtg.

0800 - Start Planning concrete Sampling

0900 - Telecon. Mtg. w/ COE

0945 - Enter data into Waste +
Sample logs.

1230 - Lunch

1300 - Plan + Gather Sampling supplies

1830 - Dinner / End of Day

End of Day

Farryll W. Pehr

8/4/05 - Thursday

0700 - Safety Mtg.

0730 - gather supplies + get ready to sample concrete.

0845 - begin concrete samples

1200 - To landing craft help w/ loading baker boxes + connex.

1430 - Concrete samples.

1630 - quit for ^{samples} day high winds and rain.

1700 - setup Ensys sampling station / ~~run~~ Enter waste data.

1830 - quit for day

End of Day

~~Jerry W. Pele~~

8/5/05 - Friday

0700 - Safety Mtg.

0730 - Prep for sampling

0900 - Concrete Sampling

1230 - Lunch

1300 - Concrete Sampling (tried)

1330 - Gull sampling (too windy) (40 mph gusts)

1400 - Begin Ensys

1830 - End of Day

END OF DAY

~~Jerry W. Pele~~

8/5/05 - Friday

All Samples collected were at 0.75 inches deep

Samp. Loc.	Collected		Ensys		Ensys Result
	Time	Date	Time	Date	
QC			1600		-0.10
22A		8/4/05		8/5/05	1.00
B					1.02
C					1.00
23A					1.04
B					1.13
C					1.28
QC			1715	8/5/05	-0.09
24A soil					1.13
24B con					0.89
C					1.05
1A	0945				1.01
B	0950				1.14
C	0955				0.97
QC			1825	8/5/05	-0.07
1D	1000				1.16
2A	1035				0.82
B	1010				1.07
C	1015				1.06
D	1020				1.22
3A	1030				1.01

END OF DAY
Fairly windy

8/6/05 - Saturday

Crew not working due to rain/high winds

0900 - begin running ensys kits/samples
1230 - lunch
1245 - run Ensys
1600 - End of Day

Samp. Loc.	Collected		Ensys		Ensys Result
	Time	Date	Time	Date	
QC			1030	8/6/05	-0.01
3B	1035	8/4/05			0.87
C	1040				1.02
D	1045				1.18
4A	1050				1.00
B	1055				0.96
C	1100				0.93
4D	1105		1200		0.86
5A	1110				0.81
5B	1115				0.76
C	1120				0.96
D	1125				0.99
6A	1130				0.90

Samp Loc.	Collected		Esysz		Esysz Result
	Time	Date	Time	Date	
QC			1405	8/4/05	-0.03
7C	1135	8/4/05			0.88
C	1145				0.90
D	1150				1.08
7A	1505				1.17
B	1510				0.95
C	1515				1.12
QC			1530	8/6/05	-0.26
7D	1525	8/4/05			0.75
SA	1530				0.80
B	1540				0.69
C	0930	8/5/05			0.84
D	0935				0.77
7A	0940				0.73

8/7/05 - Sunday
 0700 - Safety Mtg
 0730 - Concrete Sample Collection
 1130 - Set-up Esysz sampling station
 1230 - Lunch
 1300 - Run Esysz

Samp Loc.	Collected		Esysz		Esysz Result
	Time	Date	Time	Date	
QC	0		1415	8/7/05	-0.13
9B	0955	8/5/05			0.93
9C	1000				0.83
9D	1005				0.52
10A	1010				0.75
B	1020				0.92
C	1025				1.18
QC			1535	8/7/05	-0.11
10D	1035	8/5/05			0.67
11A	1045				0.54
B	1055				1.01
C	1105				1.01
D	1110				1.07
12A	1120				1.25

End of Day

[Signature]

8/7/05 - Sunday
 Sail Samples: 56^{Re} 1552 0.61
 61^{Re} 1555 0.93
 QC = -0.11

↓ Minute Samples ↓

Sample Loc.	Collected		Ensys		Ensys Result
	Time	Date	Time	Date	
12B	1130	8/5/05	1720	8/7/05	1.05
C	1135	↓	↓	↓	1.00
D	1145	↓	↓	↓	1.11
13A	1150	↓	↓	↓	1.19
QC			1850	8/7/05	-0.07
13B	1200	8/5/05	↓	↓	1.23
C	1205	↓	↓	↓	1.02
D	1215	↓	↓	↓	1.15
14A	1220	↓	↓	↓	1.13
B	0820	8/7/05	↓	↓	1.42
C	0825	↓	↓	↓	1.12
QC		8/7/05	1955	8/7/05	
14D	0830	↓	↓	↓	1.18
15A	0835	↓	↓	↓	1.11
B	0845	↓	↓	↓	1.19
C	0850	↓	↓	↓	1.68
D	0855	↓	↓	↓	1.50
16A	0900	↓	↓	↓	1.47

Sample Loc.	Collected		Ensys		Ensys Result
	Time	Date	Time	Date	
QC			2110	8/7/05	-0.24
16B	0910	8/7/05	↓	↓	0.90
C	0915	↓	↓	↓	0.95
D	0920	↓	↓	↓	0.69
17A	0925	↓	↓	↓	0.88
B	0930	↓	↓	↓	-0.17
C	0935	↓	↓	↓	0.72
QC			2220	8/7/05	-0.26
17D	0940	8/7/05	↓	↓	0.78
18A	0950	↓	↓	↓	0.95
B	0955	↓	↓	↓	0.88
C	1000	↓	↓	↓	0.78
D	1010	↓	↓	↓	1.02
19A	1015	↓	↓	↓	0.90
QC			2350	8/7/05	-0.10
19B	1020	8/7/05	↓	↓	1.00
C	1025	↓	↓	↓	1.02
D	1035	↓	↓	↓	0.77
20A	1040	↓	↓	↓	1.05
B	1045	↓	↓	↓	1.09
C	1050	↓	↓	↓	0.83

Sample Loc.	Collected		Ensys		Ensys Result
	Time	Date	Time	Date	
QC			8/4/05	0130	-0.10
20B	10:55	8/7/05			0.85
21A	1100				0.79
21B	1100				1.05
C	1110				0.94
D	1115				1.00

Site 31 - Bldg. 1001 Sample
 Retake - Sample # 1810

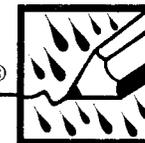
Time	Date	Ensys Result
1810-	8/7/05	0.65

1810- 1810 @ 1815 8/8/05
 -0.03
 1810- 611

end of data

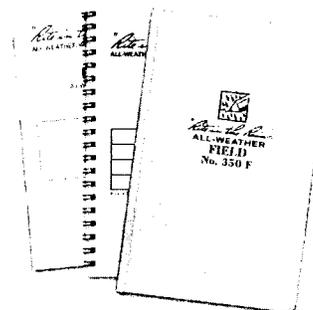
[Signature]

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Hank Seipt and Larry Pederson Notes

Book 2 of 2

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FIELD

All-Weather Notebook
No. 351

<i>NE Cape</i>
<i>Hank Seipt + Larry Pederson</i>
<i>8/14/05 - 8/25/05</i>

4 5/8" x 7" - 48 Numbered Pages

9

2

SITE 31C

SUM	COLLECTED	ENSYS	ENSYS
LOC	TIME DATE	TIME DATE	RESULT
HOLE DEEPENED 2 1 - 1.5'			
QC		2:00 8/14/05	-0.10
014/SUB	17:30 8/13/05	2:05 8/14/05	-0.59
QC		2:00 8/14/05	-0.10
18R	17:10 8/14/05	2:43 8/14/05	-0.09
19R	17:15 8/14/05	↓ 8/14/05	0.05
20R	17:18 8/14/05	↓ 8/14/05	-0.03
END OF SAMPLING H. M. Seibt			
HOLE DEEPENED 2 2 FEET			
QC	2:15	2:04 8/15	-0.04
18R1	11:15 8/15	2:05 8/15	0.13
19R1	11:20 8/15	2:05 8/15	0.45
* 19D	11:20 8/15	2:05 8/15	0.47
20R1	11:25 8/15	2:05 8/15	0.48
* DUPLICATE OF 19R1			
END OF SAMPLING H. M. Seibt			

Site 14A+B

SUM	COLLECTED	ENSYS	ENSYS
LOC.	TIME DATE	TIME DATE	RESULT
QC		11:25 8/17/05	-0.01
21	0850 8/17/05	↓	0.30
22	0855	↓	-0.16
25	0900	↓	-0.40
26	0910	↓	0.00
27	0915	↓	0.28
28	0920	↓	0.35
QC		1445 8/17/05	-0.03
22	1330 8/17/05	↓	
25	1335	↓	

8/17/05 - Wednesday

0700 - Safety Mtg.

0730 - Excavate site 98 (14A+B) 1.5 ft. additional

0930 - Run Ensys

1230 - Lunch

1300 - Excavate site 98 (14A) additional

1400 - Run Ensys

1500 - Help field crew w/ site 7.

1830 - End of Day

site 31 prep for
sampling

8/18/05 - Thursday

0700 - Safety Mtg.

0730 - Begin Soil Excavation/Finish
lining cans, start pumping

0800 - begin sampling

0910 - Ensys

Sample Loc	Collected Time	Collected Date	ENSYS Time	ENSYS Date	ENSYS Result	
QC			1030	8/18/05	-0.11	
15Re	0855	8/18/05	↓	↓	-0.34	
16Re	0900	↓	↓	↓	-0.05	2.5 ft
17Re	0905	↓	↓	↓	0.50	↓
QC			1215	8/18/05	-0.08	
15(3rd)	1110	↓	↓	↓	-0.10	4.5 ft
16(3rd)	1115	↓	↓	↓	0.52	↓
QC			1500	↓	-0.07	
15(4th)	1400	8/18/05	↓	↓	0.77	
QC			1800	8/18/05	-0.10	
6Re	1640	↓	↓	↓	0.34	
7Re	1645	↓	↓	↓	-0.42	
8Re	1650	↓	↓	↓	0.75	

End of Day
 Jerry W. Pelt

8/17/05 -

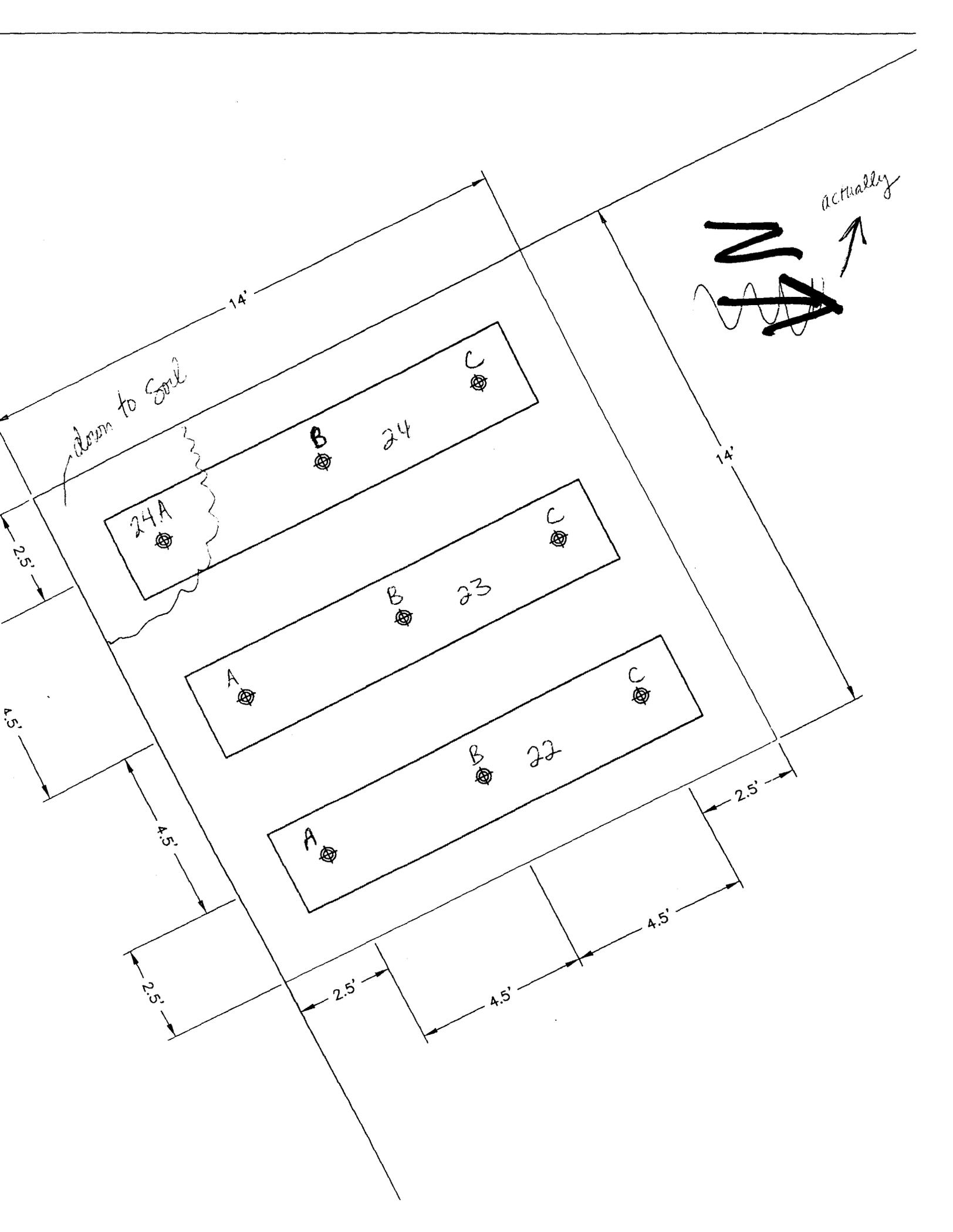
Sample Loc.	Collected		Ensys		Ensys Result
	Time	Date	Time	Date	
7 (3rd)	1120	8/17/05	1320	8/17/05	0.82
QC			↓	↓	-0.05

8/25/05 - Thursday

Chlor-d-Test Results on
2nd Drum w/ crack.
Mostly water w/ oil
mixture.

Chlor-d-Test = dark
purple
between
the two
darker
purple on
color chart.

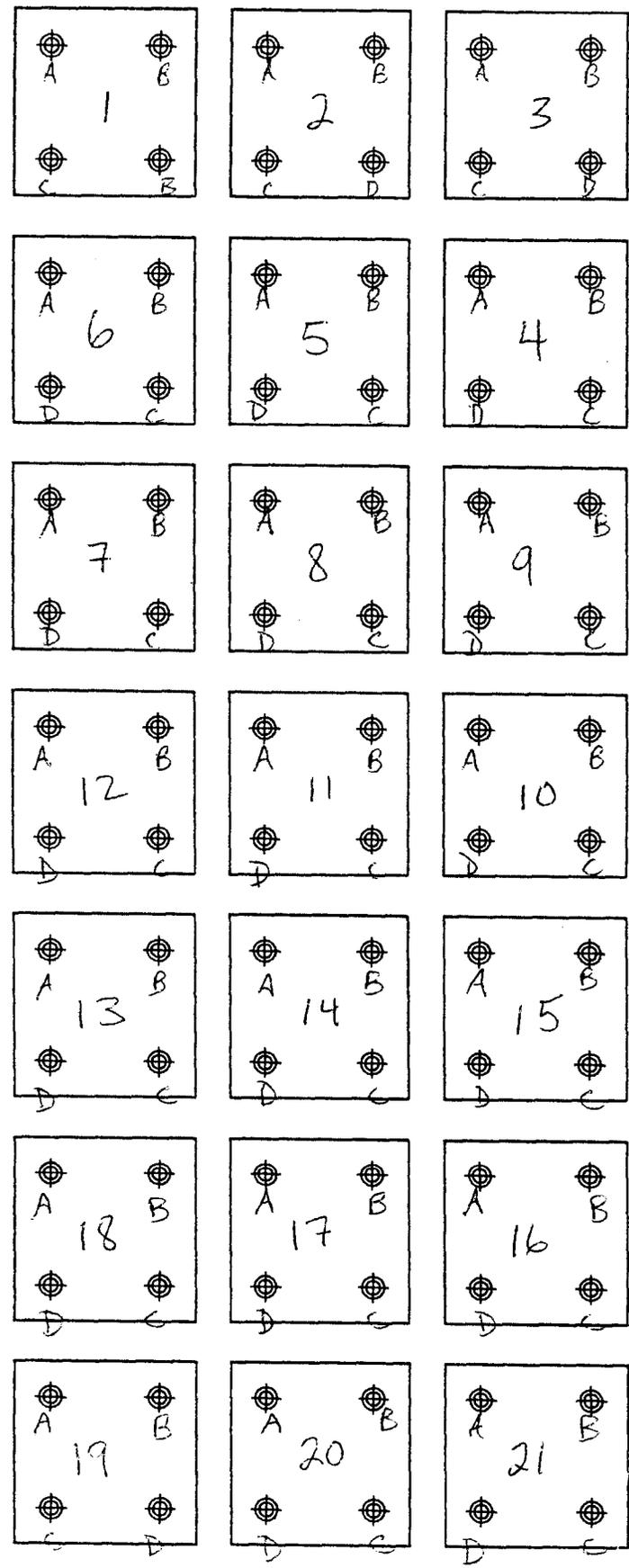
Miscellaneous Notes





DISTANCE (FEET) FROM NW
CORNER OF SLAB

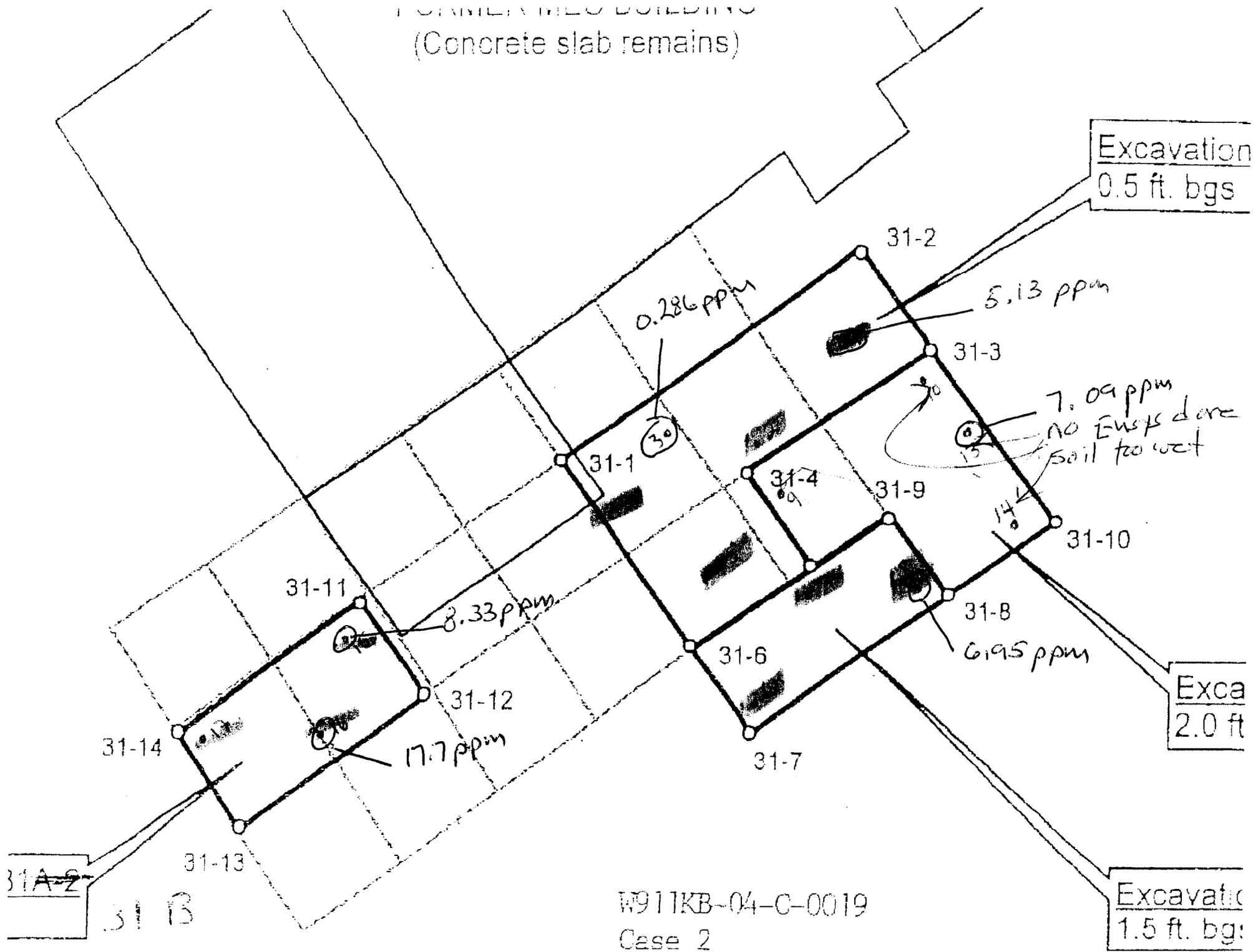
4.7'
9.4'
14.1'
18.8'
23.5'
28.2'
32.9'
37.6'
42.3'
47.0'
51.7'
56.4'
61.1'
65.8'



4.0' 8.5' 13.0' 17.5' 22.0' 26.5'
DISTANCE (FEET) FROM SW
CORNER OF SLAB

70'

FORMER TILED BUILDING
(Concrete slab remains)



Excavation
0.5 ft. bgs

Exca
2.0 ft

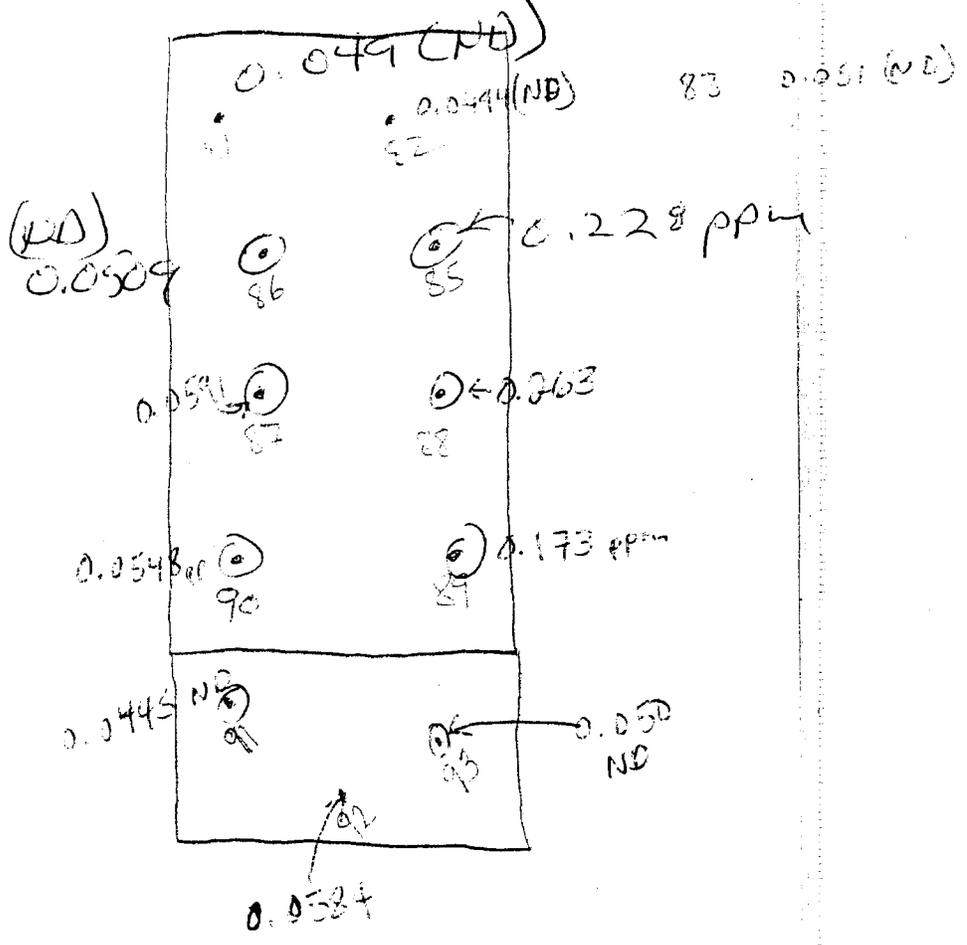
Excavation
1.5 ft. bgs

W911KB-04-C-0019
Case 2
Modification 0000

31A-2
31 B

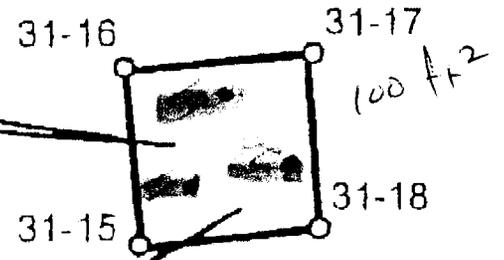
7/19/05 - Tuesday
 3705 - Safety Altar
 3715 - Oil Sample
 3845 - Tol Con Mts.
 1001 - Room A + G Sample Locations

N ↑
 NTS



FORMER WAC ANTENNAE
(Concrete foundation remains)

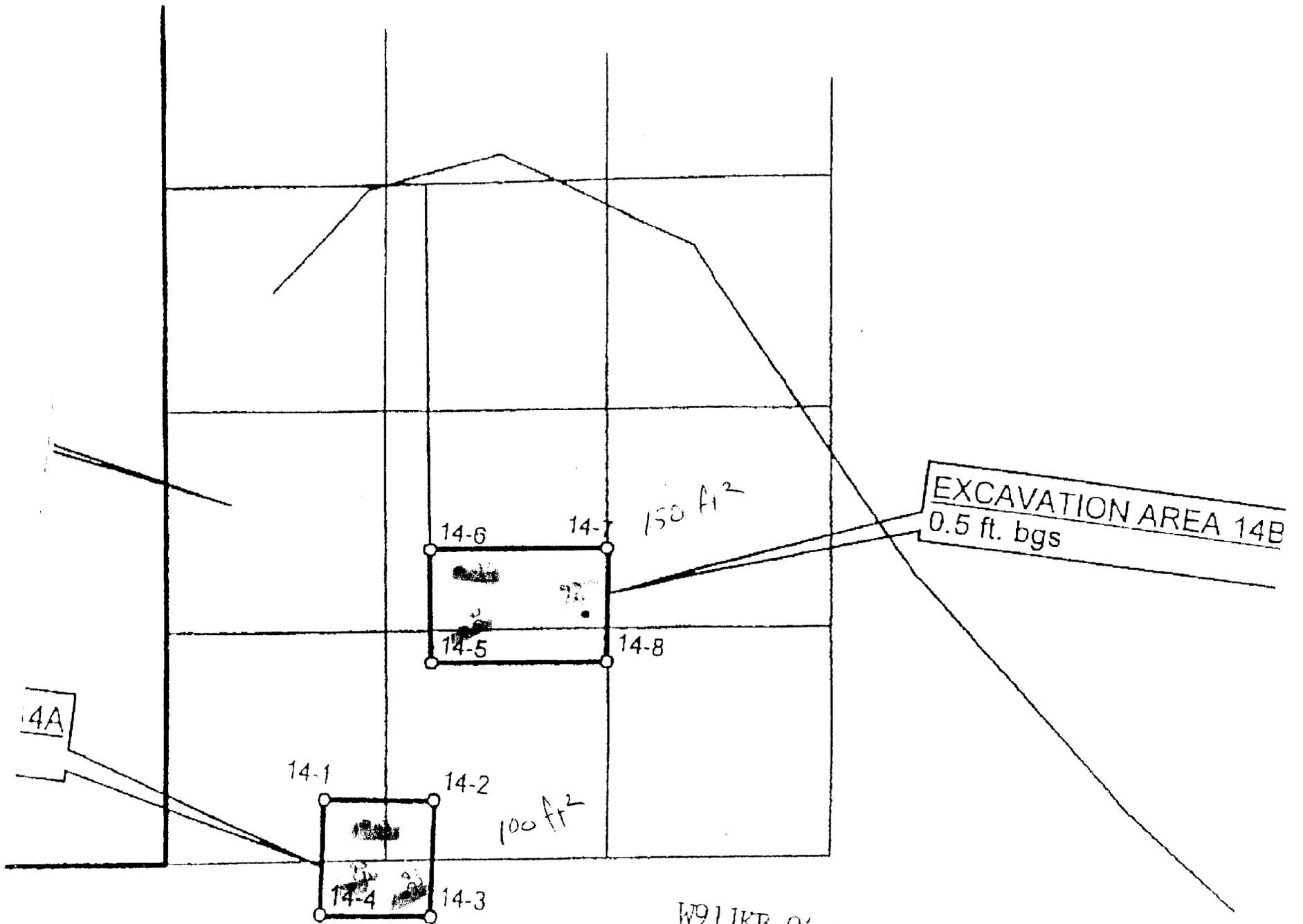
AREA 31C



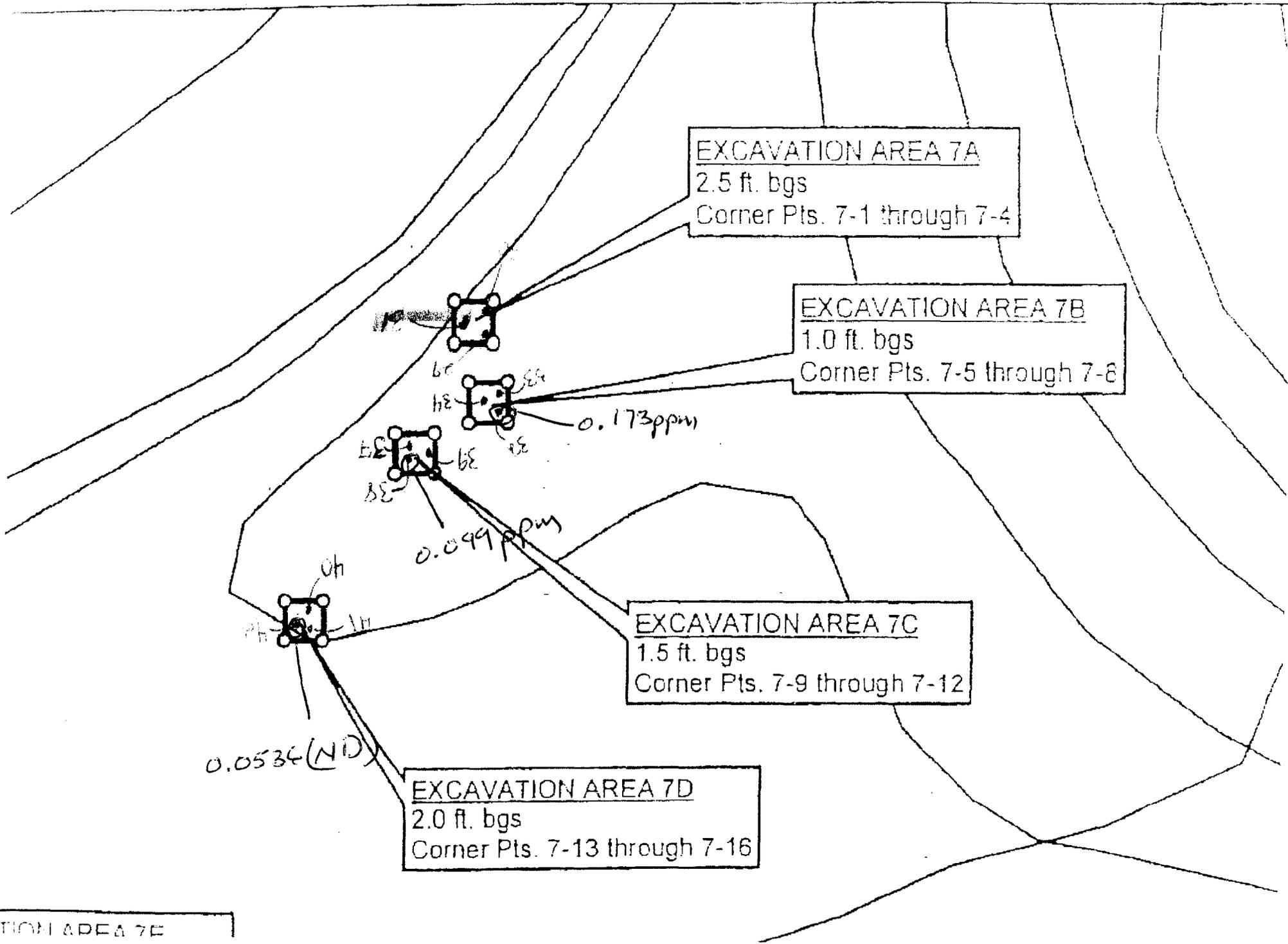
OPTIC OUTFALL

W911KB-04-C-0019
Case 2
Modification P000



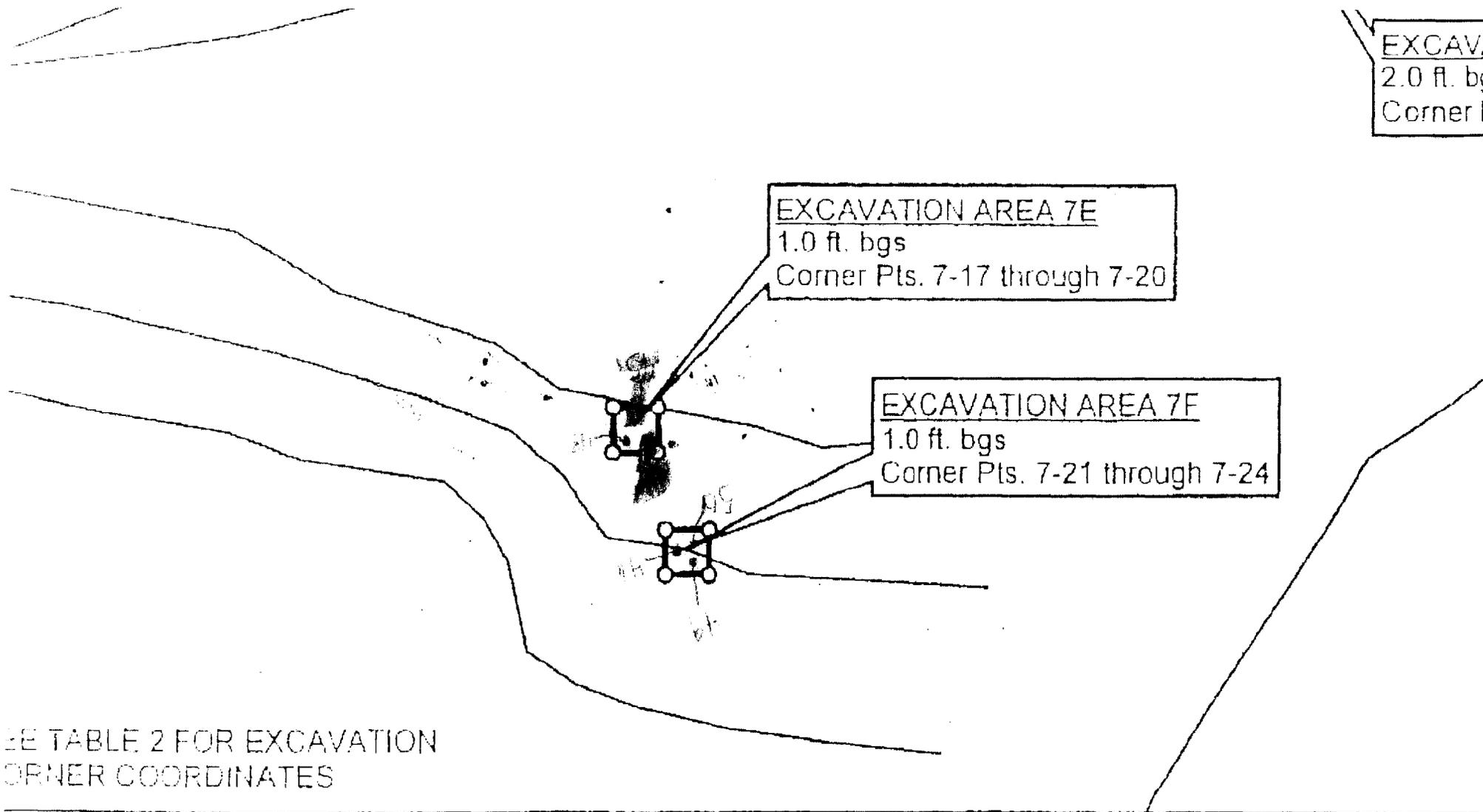


W911KB-04-C-0019
Case 2
Modification P000



EXCAVATION AREA 7E

EXCAVA
2.0 ft. bgs
Corner f



SEE TABLE 2 FOR EXCAVATION
CORNER COORDINATES

Excavation Corners

Excavation Areas

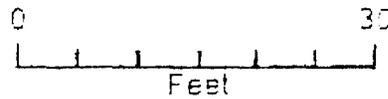
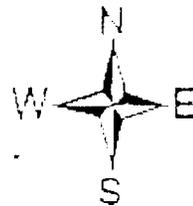
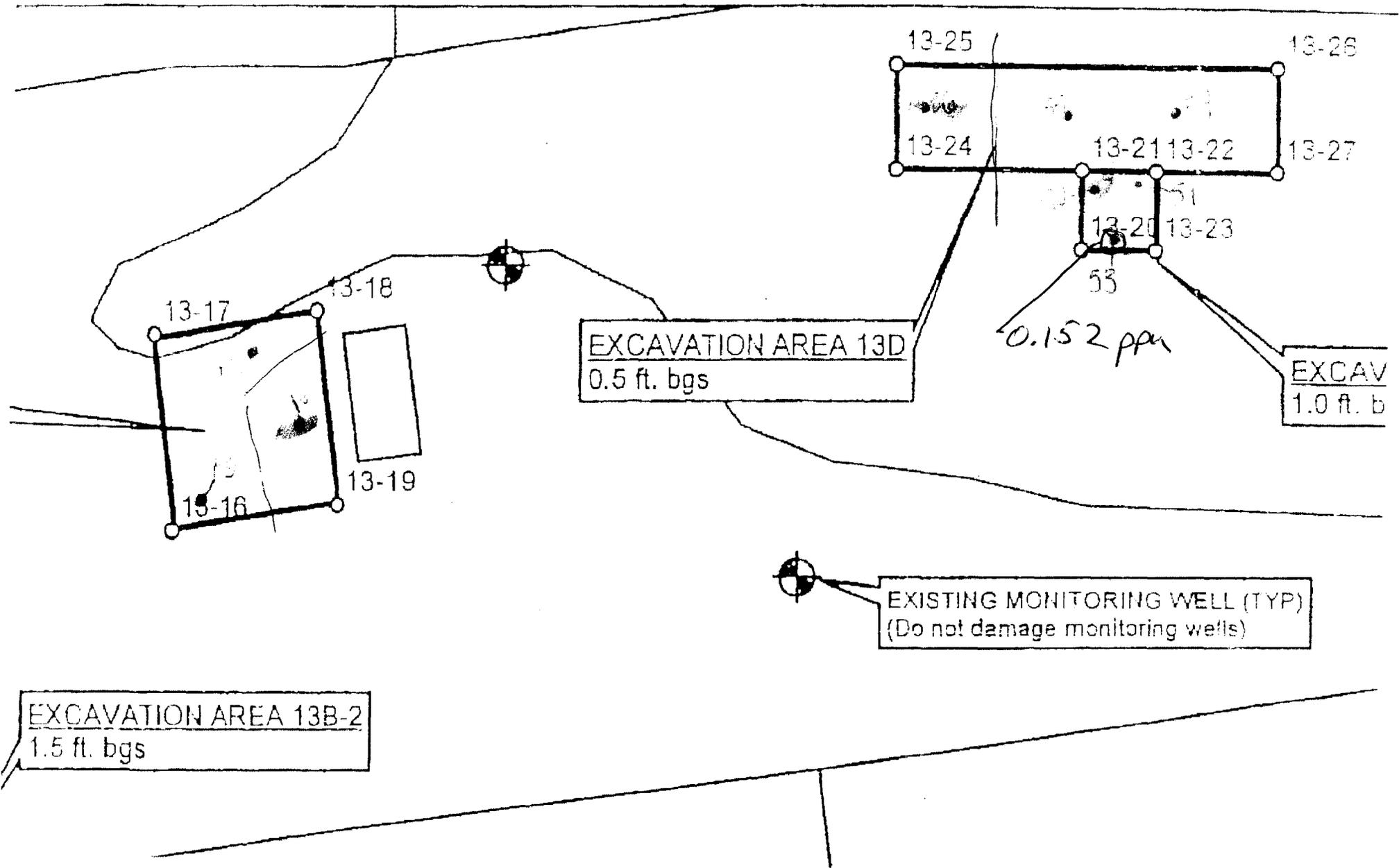


Figure 5B -



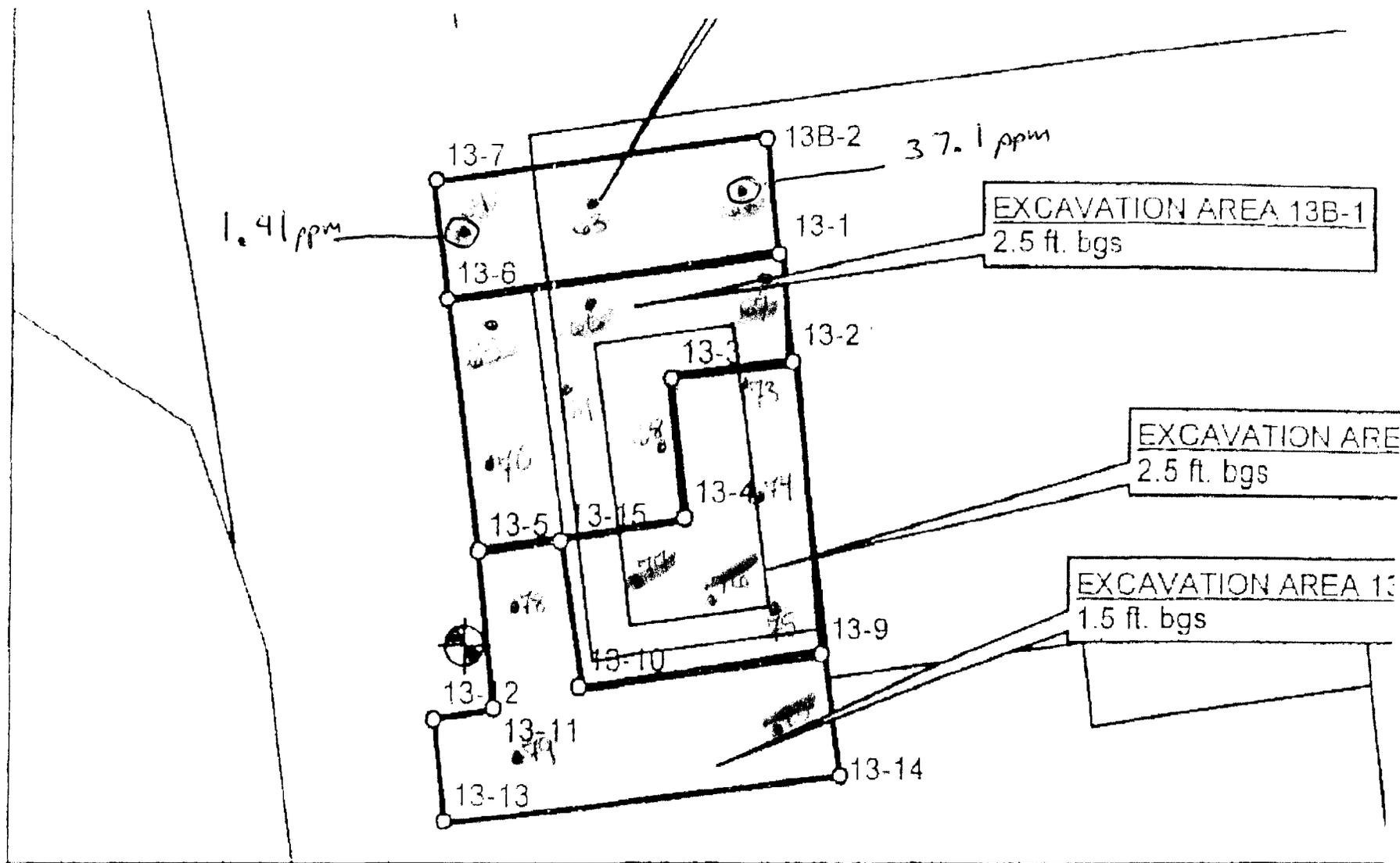
EXCAVATION AREA 13D
0.5 ft. bgs

EXCAV
1.0 ft. b

EXISTING MONITORING WELL (TYP)
(Do not damage monitoring wells)

EXCAVATION AREA 13B-2
1.5 ft. bgs

0.152 ppm



Legend

○ Excavation Corners

▭ Excavation Areas

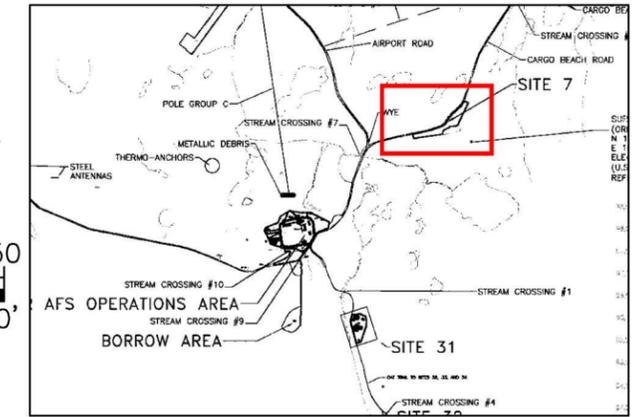
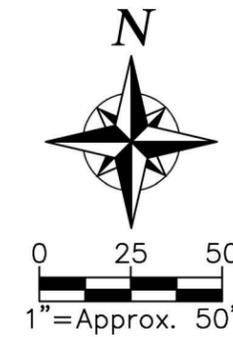


APPENDIX K

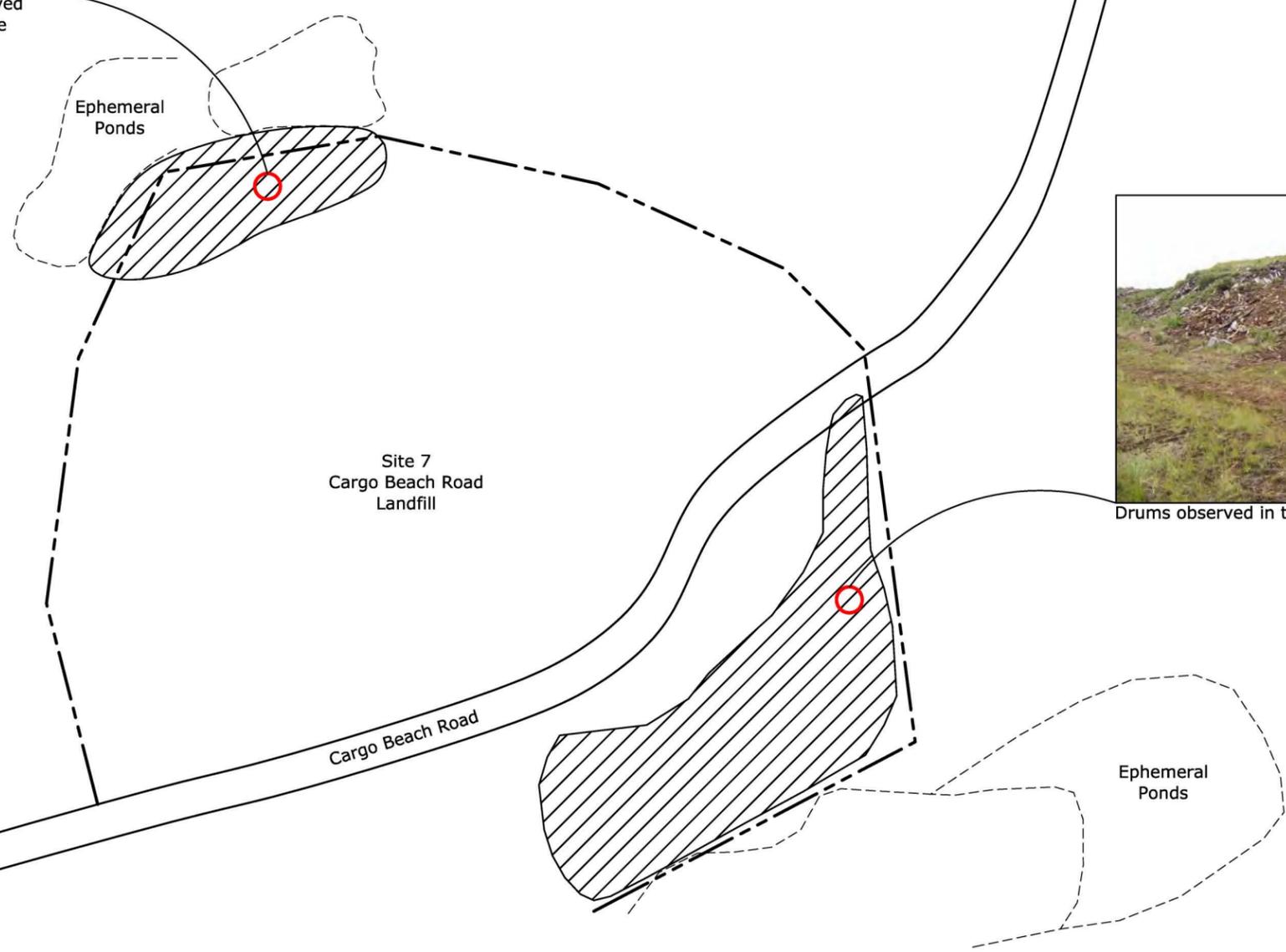
Figure and Photographs of Waste Remaining On Site



Both full and empty exposed drums observed along face of landfill and extending upslope (10-20 ft.) of landfill face.



DRUM LOCATIONS SITE 7
SCALE: NTS



Drums observed in this area.

- Legend**
- River/Streams
 - Landfill Boundary
 - //// Exposed Debris/Drums

Drawing: I:\25037 NE CAPE TRAM & DEBRIS REMOVAL\CAD-ENV\APPEND_K\DWG\25037_RA_FIG1_APPEND_K.DWG - Layout: FIG1_APPEND-K User: MGARCIA Aug 28, 2006 - 9:26am Xrefs: - Images: 050823 SITE 7 EAST CLEANED CTR LT TO RT 01.JPG D1.CAL ROCK COVERED DRUMS.JPG

Source:
U.S. Army Corps of Engineers Alaska District,
Figure 2: Site 7 Cargo Beach Road Landfill

FIGURE 1, APPENDIX K WHITE ALICE SITE REMOVAL ACTION NORTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA SITE 7 - CARGO BEACH ROAD LANDFILL DRUM LOCATIONS		
 Bristol ENVIRONMENTAL & ENGINEERING SERVICES CORPORATION Phone (907) 563-0013 Fax (907) 563-6713 Project No. 25037	DATUM:	DATE: <u>08/25/06</u>
	N/A	DWN. <u>MTG</u>
	PROJECTION:	SCALE: <u>NTS</u>
	N/A	APPRVD. <u>SAJ</u>
CONTRACT NO.:	DACA85-02-C-0011	

PHOTOGRAPHS OF WASTES REMAINING ON SITE



Photograph 1. CLIN0008, Debris Removal Gravel Pads, Roads, and Cargo Beach. Additional debris remains at the Cargo Beach Road Landfill.



Photograph 2. CLIN0008, Debris Removal Gravel Pads, Roads, and Cargo Beach. Additional debris remains at the Cargo Beach Road Landfill, including drums, some of which BEESC covered with rocks to prevent tampering or shooting.



Photograph 3. CLIN 0015, Option Remove Additional PCB Contaminated Soil. Additional Soil remains at 8 locations, including Excavations 31A-1 and 31A-3. Note the standing water in Excavation 31A-3.



Photograph 4. CLIN 0015, Option Remove Additional PCB Contaminated Soil. Additional Soil remains at 8 locations, including Excavations 31A-1 and 31A-3. Excavations after backfilling with clean fill material.



Photograph 5. CLIN 0015, Option Remove Additional PCB Contaminated Soil. Additional soil remains at 8 locations, including Excavation 7A.



Photograph 6. CLIN 0015, Option Remove Additional PCB Contaminated Soil. Additional Soil remains at 8 locations, including Excavation 7E.



Photograph 7. CLIN 0015, Option Remove Additional PCB-contaminated Soil. Additional Soil remains at 8 locations, including Excavation 13A-1 and 13A-2.



Photograph 8. CLIN 0015, Option Remove Additional PCB Contaminated Soil. Additional Soil remains at 8 locations, including Excavation 13B-1 and 13B-2.

APPENDIX L

Revision 0 and Revision 1 Comments and Responses

PROJECT: NE Cape		DOCUMENT: Tram and Debris Removal Action Report, Revision 0		
REVIEW COMMENTS		LOCATION: NE Cape, St. Lawrence Island, Alaska		
DATE: 1/30/06		REVIEWER: Lisa K. Geist PHONE: (907) 753-5742		
Item No.	Location (page, par., sen.)	COMMENTS	Review A – Comment Accepted W – Comment Withdrawn N - Noted	Bristol Response
1.	Page ES-2, Line 23	Perhaps include breakdown of personnel onsite. Presentation at RAB meeting indicated 22 total: 12 BEESC, 4 other (Arctic Catering, medical), and 6 local hires.	A	The second paragraph of page ES-2 has been edited to say: “A crew of approximately 22 people: 12 BEESC personnel, 6 local hires, 3 Arctic Catering personnel, and a physician’s assistant were housed in a temporary construction camp built to support the project.”
2.	Page ES-2, Line 14	The term “disposed” seems to indicate items were left onsite. Perhaps substitute with “managed, burned, or treated”??	A	The text was changed to the following: “Burned over 370 tons of burnable wood on-island; ash was removed for disposal off-island;”
3.	Page ES-2, Line 19	I think more than 3 “sites” included sampling for PCBs. Site 7, 13, 14, 31, Site 19 (Buildings 108 and 109)... Unless you’ve grouped them generally for the executive summary (Main Complex, Landfill, White Alice).	A	The text was changed to the following: “Field screened and/or sampled soil and concrete for PCB contamination at three sites (Site 31 – White Alice site, Site 7 – Cargo Beach Road Landfill area, and the AFS Ops area).”
4.	Page 6, Line 5	I think the dates referenced are from 2005.	A	The dates have been changed to: “Between July 5 and August 23, 2005...”
5.	Page 10, Line 16	The most recent investigation at the White Alice site was completed in 2004 by Shannon & Wilson. Initial RI work was conducted in 2001 by MWH.	A	The text has been changed to: “An initial RI was performed by MWH in 2001. The most recent environmental investigation was completed in 2004 by Shannon & Wilson.”
6.	Page 14, Table 3-1	Typo on last line – 3,650 square feet.	A	The text was changed to 3,650 square feet.
7.	Page 18, Line 5	Additional description of the variations in quantities should be presented somewhere in the report, if not this section, then later.	A	The discussion has been added to Section 3.2 and Table 3.-1 has been modified to address variations in the quantities of work performed under CLINs 0004, 0007, 0008, and 0015.

PROJECT: NE Cape REVIEW COMMENTS		DOCUMENT: Tram and Debris Removal Action Report, Revision 0 LOCATION: NE Cape, St. Lawrence Island, Alaska		
DATE: 1/30/06		REVIEWER: Lisa K. Geist PHONE: (907) 753-5742		
Item No.	Location (page, par., sen.)	COMMENTS	Review A – Comment Accepted W – Comment Withdrawn N - Noted	Bristol Response
8.	Page 19, Line 10	Can the Material Supply and Quarry Operating Agreement be included as an Attachment, or is this considered confidential business information? Was any sampling of the borrow materials performed or required? Perhaps add a statement in Section 5.1.4 (p. 26) that no sampling was required.	A	The Material Supply and Quarry Operating Agreement has been included as Appendix I The following text was added to Section 5.1.4: “No sampling or analysis of borrow material was performed.”
9.	Page 30, Section 5.3	Perhaps include additional text describing the modification to the scope of work? Explain how concrete sections were targeted for complete removal based on prior sampling results, as opposed to only grazing the surface to remove contamination.	A	Additional text was added to Section 5.3: “PCB-contaminated areas within concrete slabs were removed in their entirety instead of grazing and sampling as a time-saving measure.”
10.	Page 31, Line 11	Weren't some samples sent to the laboratory to verify results were above the screening level, too? Perhaps this is appropriate for Section 6.0.	A	The text of Section 6.1.2 was edited to say: “Soil and concrete field screening results below 0.5 mg/kg were analyzed in the laboratory for PCBs, using EPA Method 8082 as described in the SAP. Six soil samples where field screening results were above 0.5 m/kg PCB were analyzed in the laboratory to confirm results. All samples contained PCBs ranging from 1.41 mg/kg to 17.7 mg/kg.”
11.	Page 32, Table 5-2	The weights are estimated based on calculated conversion of 1.37 tons/cy, however, elsewhere it states that the boxes were weighed on the truck scale before transfer to the barge? Were there any large discrepancies using either method?	A	The weights in Table 5-2 are calculated based upon the estimated conversion of 1.37 tons/cubic yard. The net weight of excavated soil from the truck scale and available from 2005 Waste Tracking Summary shows 586,090 pounds (293.045 tons) of soil was shipped off-island for disposal. The calculated weight in Table 5-2 is 292.9 tons.

PROJECT: NE Cape REVIEW COMMENTS	DOCUMENT: Tram and Debris Removal Action Report, Revision 0 LOCATION: NE Cape, St. Lawrence Island, Alaska
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DATE: 1/30/06	REVIEWER: Lisa K. Geist PHONE: (907) 753-5742
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Item No.	Location (page, par., sen.)	COMMENTS	Review A – Comment Accepted W – Comment Withdrawn N - Noted	Bristol Response
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12.	Page 33	Please add a section describing the waste removal efforts at the Site 7 landfill, e.g. amount of liquid pumped into overpack, known drums with contents remaining, and an assessment of drums remaining that are actually <u>visible</u> along the slopes.	A	The following text was added to Section 5.4.2 “Two drums containing product were discovered at the edge of the Site 7 landfill. One highly corroded drum was discovered containing approximately 5 to 10 gallons of liquid which was determined to be product floating on water. Sorbants and towels were used to remove the product and water. The empty drum was filled with sorbants to remove any product adhering to sidewalls, plastic was placed over it to keep water out, and rocks were placed on the plastic to keep it in place. The other drum was completely filled with product. The product was transferred to a new drum and the new drum was placed in an overpack. The contents of this drum were disposed of as stated in Table 5-4. The empty drum was cleaned with sorbants, crushed, and disposed of off-island with other scrap metal waste. The sorbants and towels were also disposed of as waste.”
13.	Page 35, Line 2	Approximately how many poles were cut and removed?	A	BEESC did not record the number of poles that were removed as part of the Tram and Debris Removal Action.
14.	Page 35, general	Please include a separate section, if necessary, to describe debris gathering efforts at areas other than the Tram Towers and Pole Lines. For example – along Cargo Beach, Site 7 Landfill perimeter, Sites 24/25, other debris fields besides the upper mountain slopes... Perhaps just clarifying in the text with more description where the debris field mentioned by number are really located?	A	The following text was added to the first paragraph of Section 5.4.2: “Pole lines were removed from around Building 98 and on the tundra from the AFS Ops Area and from the Tundra/Muskeg Area west of Cargo Beach Road and north of the trail to Sites 24/25.”
				The following text was added to the paragraph discussing debris removal in Section 5.4.2: “Debris was removed from near the Upper Tram Building (Site 33/34), in the vicinity of Site 31, from the Debris Staging Area (AFS Ops Area), and

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REVIEW COMMENTS **LOCATION:** NE Cape, St. Lawrence Island, Alaska

DATE: 1/30/06 **REVIEWER:** Lisa K. Geist **PHONE:** (907) 753-5742

Item No.	Location (page, par., sen.)	COMMENTS	Review A – Comment Accepted W – Comment Withdrawn N - Noted	Bristol Response
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				surrounding the AFS Ops Area, from the vicinity of Site 24/25, and East of Site 7 Landfill.”
				References to debris field numbers were removed since they do not reference a map or indicate where the debris fields are located.
15.	Page 37, Line 5	Actual areas (Site 31, Main Complex, other?) seeded should be mentioned in this section. Was the seed incorporated into the soil, watered, or otherwise tended to?	A	The following text was added to Section 5.6: “BEESC performed final seeding of disturbed areas on August 20 and 22, 2005, including the east side of the road leading from Site 31, Site 32, AFS Ops Area, east of Site 7 landfill, the disturbed parts of the Tundra/Muskeg Area west of Cargo Beach Road, and Sites 24/25.
				“BEESC did not water seeded areas, however seeding was completed during days of light precipitation.”
16.	Page 39, Line 8	Please be more specific about the landfill debris that was uncovered. What is meant by “numerous” full and empty drums? More than 10? Less than 50? It may be more accurate to state that more <u>exposed or partially exposed</u> debris remains at the Cargo Beach Road landfill. What about debris remaining at the Site 9 Housing and Operations Landfill (referred to as area northeast of Main Operations Complex)? Photos show large pieces of debris posing hazard were cut-off and removed, but smaller items remain underwater, etc.	A	The text of Section 5.9, CLIN0008 was edited to say: “Additional debris remains at the Cargo Beach Road Landfill. During the course of landfill contract item removal, BEESC uncovered two 55-gallon drums along the northwestern perimeter of the landfill that contained used oil. Field tests indicated that PCBs were not present in either drum. The contents of the two drums were removed as part of Modification 00003 to the contract. Three or four other partially-buried drums were visible (25% or more of each drum was exposed above ground) in the immediate vicinity of the two liquid-filled drums. It appeared that several of these drums also contained liquid. It is unknown how many other drums may be discovered in a more thorough search of the area. The exposed drums thought to contain liquid had large rocks and boulders placed around them (to mitigate possible human tampering or

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REVIEW COMMENTS		LOCATION: NE Cape, St. Lawrence Island, Alaska		
DATE: 1/30/06		REVIEWER: Lisa K. Geist PHONE: (907) 753-5742		
Item No.	Location (page, par., sen.)	COMMENTS	Review A – Comment Accepted W – Comment Withdrawn N - Noted	Bristol Response
				targeting by a firearms shooter) and left as they were because they were not part of the 2005 scope of work.
				The following additional text was added to discuss debris at the Site 9 Housing and Operations Landfill: “Debris removal activities north of AFS Ops area were performed to remove motor vehicle (4-wheeler, snowmachine) hazards. If possible, anything protruding above the ground or lying on the ground was removed. Items that could not be removed were cut off so that it was no longer exposed above the ground surface.”
17.	Page 39, Line 18	Would it be accurate to state that the <u>vertical</u> extent of contamination that is unknown?	A	The text has been edited to: “The vertical extent of contamination in partially excavated soil pits is not known, because contamination remains at the pit bottoms.”
18.	Page 39, Line 20	Why are the type and amount of waste shipped off-site from NE Cape over the last two field seasons included in Table 5-5?? This adds unnecessary confusion to the report.	A	The text has been edited to: “Table 5-5 contains the types and amounts of waste that BEESC shipped out of NE Cape during the 2005 field season.”
19.	Page 40, Table 5-5	Why are wastes from 2003 included? In particular, where is the TSCA-oil <1000 ppm PCBs from? Is this the drum from Site 7 landfill that was pumped into an overpack in 2005? I thought this waste oil was characterized as NOT containing PCBs. The waste type listing as TSCA Oil causes much confusion.	A	Information about waste shipped off-island in 2003 was included in Table 5-5 for comparison purposes.
				The used oil is the petroleum from the Site 7 landfill that was put into an overpack. It was characterized as below 1000ppm PCB, and so is not considered TSCA waste. Table 5-5 has been edited to reflect this.
20.	Page 45, Line 19	Here it states that 2 drums contained POL liquids, which seems to contradict the waste summary Table 5-4 which indicates one 55-gallon drum was disposed.	A	The following text was added to Section 5.4.2 “Two drums containing product were discovered at the edge of the Site 7 landfill. One highly corroded drum

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				was discovered containing approximately 5 to 10 gallons of liquid which was determined to be product floating on water. Sorbants and towels were used to remove the product and water. The empty drum was filled with sorbants to remove any product adhering to sidewalls, plastic was placed over it to keep water out, and rocks were placed on the plastic to keep it in place. The other drum was completely filled with product. The product was transferred to a new drum and the new drum was placed in an overpack. The contents of this drum were disposed of as stated in Table 5-4. The empty drum was cleaned with sorbants, crushed, and disposed of off-island with other scrap metal waste. The sorbants and towels were also disposed of as waste.”
21.				The following text was added to Section 6.3: “The drum of used oil that was removed from Site 7 was field screened for shipping to Anchorage. Upon arrival in Anchorage, the used oil was characterized by Emerald Alaska, Inc. for disposal. No analytical testing was performed.”
22.	Page 47, Line 4	Do you know which excavations had soil containing greater than 50 ppm PCBs for disposal? Can you list them? It appears only PCB-contaminated soil (not the concrete) was differentiated as being above/below 50 ppm.	A	Section 6.3 was edited to include the following statements:
				“All waste concrete was characterized as ‘less than 50 mg/kg PCB.”
				Previous sample results provided by the USACE showed PCB levels of 527 mg/kg at Excavation 7A and PCB levels of just over 50 mg/kg at Building 110. The soil from these two sites was assumed to be greater than 50 mg/kg. PCB-painted tank scrap was added to this

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				container. The soil and tank scrap were transported in Waste Package Nos. 56 & 57, and under Manifest Nos. NE034 & NE035. The tank scrap was shipped in the same container as the soil under Manifest NE034.
23.	Page 47, Section 6.3	Was the waste oil extracted from the drum at Site 7 sampled? Please add a description of the sampling results in this section. Were other waste items sampled prior to disposal – e.g. the lead ash? Please include a summary of the analytical results.	A	The following paragraph was added to Section 6.3: “The drum of used oil that was removed from Site 7 was field screened for shipping to Anchorage. Upon arrival in Anchorage, the used oil was characterized by Emerald Alaska, Inc. for disposal. No analytical testing was performed.”
				The following text was added to the paragraph discussing TCLP metal analysis performed on and ash sample.
				“Results were below allowable limits for all metals with the exception of TCLP lead, which was 50.7 mg/L. The ash was disposed of off-island.”
24.	Figure 6-1	Inconsistent highlighting. Yellow highlighting missing for 05NEC31SL015. Unless you also remove highlighting for samples 31SL008 and SL016.	A	Figure 6-1 has been edited so that all confirmation samples with results above 1.0 mg/kg are highlighted.
25.	Section 6.4.1.1	Sidewall samples are mentioned as all being collected at 31A and 31B but the results were below the cleanup criteria. However, the results are not included on the figure 6-1, and perhaps should be included in Table format elsewhere in this section?	A	Analytical samples were collected from 31A-2 (west wall), 31B (north, east, and west walls). Results for all sidewall samples have been included in Figure 6-1. Sidewall results are included in Appendix F, PCB Summary Tables and analytical results are include din Appendix G – Laboratory Results. No text was added to Section 6.4.1.1.
26.	Page 50, Section 6.5	Perhaps add explanation that Excavation 7F, although ENSYS screening demonstrated that the soil is clean, actual results were not confirmed through laboratory analytical sampling.	A	The following text was added to Section 6.5: “No confirmation samples from excavation 7F were analyzed, however results from three field screening samples were below 0.5 mg/kg PCB.”

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27.	Page 51, Section 6.7.1.1	Was there any attempt to segregate clean soils from the upper part of these excavations, based on prior removals by Nugget? Or were all surface soils assumed to be contaminated?	A	The following text was added to Section 5.3: “All soils from excavations were assumed to be contaminated and were disposed of as PCB-contaminated soils.”
28.	Page 52, Section 6.7.1.3	Perhaps clarify that actual laboratory sample was not obtained/analyzed for this site CTP 13-3, only the ENSYS screening results.	A	Wording in Section 6.7.1.3 was clarified to indicate that field screening samples were collected, not confirmation samples.
				One field screening sample was above 0.5 mg/kg, indicating the need for further excavation. Excavations were prioritized by USACE and remaining soil yardages were met through other excavations. BEESC did not do any further excavation at this site.
29.	Page 53, Section 6.7.2.1	Question – what was done with the underlying concrete left in place at Building 108 and 109? Is it below-grade? I assume fill was not placed on top of it... Perhaps this should be addressed in the text of Section 5.3 on Page 31.	A	About 6” of concrete was removed. The following text was added to Section 6.7.2.1: “The area where concrete was removed is generally at grade with the surrounding soil. No fill was placed on areas where concrete was removed.”
30.	Figure 3-1	Areas besides those highlighted in RED were addressed during the 2005 removal action. For example, Site 24/25, pole line/antennas in other areas, debris east of the Main Complex, debris near the beach and airstrip, etc... Perhaps eliminate the red highlighting or add highlighting to text descriptions of other areas?	A	All areas where work was performed during the 2005 field season are highlighted.
31.	Figure 5-3	What exactly is being depicted in Photo 5?	A	The descriptor for Photograph 5 has been changed to: “Demobilization activities. A mobile demolition trailer is being placed on a shipping flat as part of demobilization activities. Photo facing north.”

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32.	Figure 5-16	Label on Photo 32 should read air curtain blower to the left of the pit.	A	The text has been changed to: “Photograph 32. The burn pit in action. Note that very little, if any, smoke is coming out of the burn pit as a result of the air curtain blower to the left of the pit. Photo facing southwest.”
33.	Figure 5-18	The date on Photo 35 cannot be correct (January?). Please insert correct date, even if you need to cover date from malfunctioning label by camera.	A	The photo has been edited to remove the date.
34.	Figure 5-20	We have a photo showing area after removal of <u>all</u> tank scrap.	A	This photo has been included as Figure 5-21.
35.	General	Please include a tabular summary of the survey locations (e.g northing/easting) of all Soil Samples collected. The appendix only contains tabular summary of excavation corners.	A	Sample locations were not surveyed in. Sample locations have been estimated by using the surveyed pit locations and field notes. The tabular summary of sample locations has been included in Appendix D.

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1.	Fig 5-21 through 5-25	These figures are helpful. By including each removal year as a separate viewport, they clearly show the progression of work and progress made.	N	Thank you.
2.	Table 5-2	I see you have used a figure of 1.37 tons per bank cubic yard. Is this figure based on actual measurements made onsite by comparing excavation dimensions with tonnages that went across the scale? I would like to know this because it may be very useful information for potential future work at NE Cape.	A	The weights in Table 5-2 are calculated based upon the estimated conversion of 1.37 tons/cubic yard with cubic yards estimated from measured pit dimensions on a scaled figure. The net weight of excavated soil from the truck scale and available from 2005 Waste Tracking Summary shows 586,090 pounds (293.045 tons) of soil was shipped off-island for disposal. The calculated weight in Table 5-2 is 292.9 tons.
3.	Appendix D	In addition to the excavation corners, we will need northing and easting coordinates for <u>sample locations</u> , because these sample results will be input into our GIS. Although each sample location may not have been tied in with survey individually, the coordinates can probably be calculated using a combination of the excavation corners and the field notes to an accuracy that is acceptable for our GIS needs.	A	Sample locations were not surveyed in. Sample locations have been estimated by using the surveyed pit locations and field notes. The tabular summary of sample locations has been included in Appendix D.
4.	Figures 6-1 through 6-11	In my opinion, these are some of the nicest figures I've seen for presenting this type of data; the incorporated photographs are effective.	N	Thank you.
5.	Figure 5-10, Photo 19	I would like to assemble more digital photographs that show the removal of the tram towers down the mountainside. I'm not suggesting they be in the report; I would simply like to get them electronically so I can show some folks the method used to accomplish the work. I will inquire of Sam Mills, however if you also have some more, I would appreciate receiving them (gordon.n.osgood@poa02.usace.army.mil).	N	BEESC will provide all photos available to document the tower removal.

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6.	Title Page and Front Cover	Please place the FUDS Property Number (F10AK0969) on the title page and front cover.	A	The FUDS Property No. has been added to the title page and front cover.
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DATE:	REVIEWER: Sam Mills	PHONE:
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1.	p. vii	Acronyms “quality controal” is mis-spelt.	A	The spelling has been corrected.
2.	p. 9	Photo 17 QAR camera date error: Year is 2005.	A	The photo has been edited to remove the date.
3.	p. 15	Photo 30 descript: “A repelling system” is mis-spelt; but isn’t this actually a belay system ?	A	The photo description has been changed to “a belay system.”
4.	p.. 16	Photo 31 QAR camera date error: Date is actually July 18, 2005.	A	The photo has been edited to remove the date.
5.	p. 18	Photo 35 QAR camera date error: Date is actually July 18, 2005 .	A	The photo has been edited to remove the date.

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1.	2.2.3, p. 6, line 16	Metamorphic rocks are very minor on St. Lawrence Island (USGS, 1980), unless new mapping indicates otherwise.	A	The text of Section 2.2.3 has been changed to: “St. Lawrence Island consists of isolated bedrock highlands of igneous and older sedimentary rocks surrounded by unconsolidated surficial deposits, overlying a relatively shallow erosional bedrock surface.”
2.	p. 7, line 3	mottled (sp.)	A	The spelling for “mottled” has been corrected.
3.	p. 7, line 4	Cut banks? Silt doesn’t outcrop. That’s a term reserved for rocks.		The text of Section 2.2.3 has been changed to: “Dark brown silts are observed in cut banks.”
4.	p. 8, line 7	Identify the primary stream drainage by name – Suqi River.	A	The text has been changed to: “The primary stream drainage in the area, the Suqi River, is fed by runoff from the prominent drainage of the Kinipaghulghat Mountain valley in the lower mountain area.”
5.	p. 11, line 8	Sample (sp.)	A	The wording has been changed to “sample.”
6.	p. 26, line 22	Does “all but onewere minor” mean that one was major, or that one needed no repair at all?	A	This text has been edited to: “There are 11 stream crossings and five culverts along the road system. Road repair and improvements were generally minor.”
7.	Section 5.1.5.2	Please add a little detail about how you met conditions of the safety waiver. Perhaps at the end of this section.	A	The following paragraph was added to Section 5.1.5.2: “To meet the requirements of the Safety Waiver, BEESC provided a full time Site Safety and Health Officer (SSHO) dedicated to Cat Trail operations who performed a daily safety inspection of the trail before field crews were allowed to use the trail; established equipment run-out lanes or safe zones along the Cat Trail at the bottom of portions of the Cat Trail where grades were in excess of 30 percent; utilized track-type vehicles equipped with redundant braking systems to haul demolition debris to the beach; and inspected and

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				tested the braking systems of the tracked vehicles daily prior to their use on the Cat Trail.”
8.	p. 31, line 21-22	Funny wording at end. Maybe something like: from beneath the removed concrete slabs. Typically the slabs were underlain by soil, but in some areas a second layer of concrete was sampled.	A	The following language was added to the first paragraph in Section 5.3: “Typically concrete slabs were underlain by soil (Buildings 1001 and 110), but in some areas were underlain by a second layer of concrete (108 and 109). Soil or concrete under removed concrete slabs was sampled for PCBs.”
9.	Section 5.3	Indicate whether any concrete was grazed at all.	A	No concrete slabs were grazed. The following text was added to the first paragraph in Section 5.3: “PCB-contaminated areas within concrete slabs were removed in their entirety instead of grazing and sampling as a time-saving measure.”
10.	Table 5-2	Please add a column to indicate whether or not any additional contamination exists in the excavation.	A	A column has been added to Table 5-2 to indicate if additional PCB contamination remains in the excavation.
11.	p. 33, line 9	End sentence with parenthetical reference: (Figures 5-23 & 5-24).	A	A reference to Figures 5-23 and 5-24 was added to Section 5.4.1.
12.	p. 34, Tramline and Water Lines	These sections probably merit an engineering section number (?), e.g., 5.4.2 and 5.4.3. Also, what happened to the concrete foundations to the towers? If left in place, how big are they?	A	The sections have been numbered as follows: 5.4.1.1 Tram Line and Associated Cable and Wire 5.4.1.2 Water Line The following text was added to Section 5.4.1.1: “Concrete foundations to the tram towers were left in place. Each tram tower foundation consists of four concrete piers of approximately 2 foot square. Please see Figure 5-9 for a photograph of typical pier and Figures 5-23 and 5-24 for the locations of the remaining concrete foundations.”
13.	p. 35, line 3	... from ground levelfrom the ground.	A	The referenced line was rewritten to say:

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				“Metal towers and poles, wooden poles, and thermo-anchors from the pole lines (Figure 5-12) were cut off at ground level or removed from the ground.”
14.	p. 35, line 15	...Debris Fields 1 <u>and</u> 2 (Figure 5-24)	A	The text for this paragraph has been edited to: “Debris was removed from near the Upper Tram Building (Site 33/34 & Site 32), in the vicinity of Site 31, from the Debris Staging Area (AFS Ops Area), and surrounding the AFS Ops Area, from the vicinity of Site 24/25, and East of Site 7 Landfill. Approximately 26 tons of miscellaneous debris was removed from the ground surface in the area of these debris fields (Figure 5-15).” There is no Figure 5-24. The correct figure is 5-15.
15.	p. 35, line 15	Where are Debris Fields 3 and 4?	A	See answer for item 15.
16.	Section 5.4.2	This section could use a bit more verbiage. Should discuss the steep slope debris cleanup (pat yourself on the back), types of debris, mention the Blazer and the boiler tanks with asbestos. What about the Cargo Beach removal debris? Any wire sections that were left in the ground because the tundra had grown over it?	A	The following text on the debris cleanup was added to Section 5.4.2:
				“Debris in the vicinity of Site 24/25 (Debris Field No. 1) was scattered on a near vertical slope immediately below the ridge at an elevation between 1,600 and 1,800 feet. The slopes were very unstable and generally consisted of large boulders and some rock faces. To ensure the safety of the personnel performing the clean up, BEESC utilized a rappel/belay rock climbing method when scaling the debris field. Personnel placed the gathered debris into sleds that were lowered down the mountain and hauled up when full.”
				“Debris was removed in areas near the Cargo Beach

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				Landfill. Rolls of wire that had been place in the landfill were exposed outside the landfill cap in some places. Because removal of entire rolls would have required excavating into the landfill, only the exposed metal was removed. Chop saws were used to cut off the wire bundles at ground level and remove all exposed wire.”
				“Debris from Cargo Beach Road consisted of material that had been gathered by Nuggest Construction during previous years’ work. This material was moved to the waste staging area, separated into waste streams, and disposed of with all other waste materials.”
				Additional information about asbestos and the Blazer was included as Section 5.4.3. See the response to question 16 for the specific language about asbestos. The following text about the Blazer was added to Section 5.4.3.: “A Blazer-type vehicle discovered as part of the debris removal was transported to Anchorage and sold to an Anchorage-area shop.”
17.	Section 5.5	Any ACM picked up? What size fraction determined pick up? Did you stake the areas and survey it? Acreage?		ACM removal is discussed in Section 5.4.3.
				“Asbestos-containing material (ACM) consisting of a boiler tank with small asbestos gasket seals and bricks, and pieces of cement asbestos board (CAB) was discovered during debris removal. ACM was removed from the metallic debris area north of AFS Ops and spread over an area of approximately 2 to 3 acres (Figure 3-1). The pieces of ACM, consisting of transite pipe and pieces of CAB approximately six inches or smaller. Any material identifiable as ACM was removed. The transite

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				pipe and CAB were placed in two triwall boxes for transport and disposed of off-site as ACM waste.”
18.	Section 5.6	What areas were seeded? Any re-grading? Did you stake the areas and survey it? Acreage?	A	The following text was added to Section 5.6: “BEESC performed final seeding of disturbed areas on August 20 and 22, 2005, including the east side of the road leading from Site 31, Site 32, AFS Ops Area, east of Site 7 landfill, the disturbed parts of the Tundra/Muskeg Area west of Cargo Beach Road, and Sites 24/25. Approximately 30 acres was re-graded and spread with native grass and plant seed adapted to the St. Lawrence Island environment in accordance with the manufacturer’s instructions.”
19.	p. 39, line 7	“...Cargo Beach Road Landfill <u>(Site 7)</u> .”	A	A reference to Site 7 has been included in this paragraph.
20.	p. 39, line 8	The first word, “items” should be followed by a comma	A	This section has been rewritten to provide more specific information about the discovered drums. This comment is no longer applicable.
21.	p. 39, CLIN 0008	Any information on location of full drums? What about tested contents?	A	The following text has been added to Section 5.9: “During the course of landfill contract item removal, BEESC uncovered two 55-gallon drums along the northwestern perimeter of the landfill that contained used oil. Field tests indicated that PCBs were not present in either drum.” The following text has been added to Section 6.3: “The drum of used oil that was removed from Site 7 was field screened for shipping to Anchorage. Upon arrival in Anchorage, the used oil was characterized by Emerald Alaska, Inc. for disposal. No analytical testing was performed.”
22.	p. 39, line 16	Inclusion of excavation 7F in this listing is questionable. But should also mention Bldgs. 1001, 108, 109, and 110.		CLIN 0015 in Section 5.9 was edited to say:

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				<p>“Additional PCB-contaminated soil at Sites 31 and 7, and the AFS Ops Area remains. As mentioned in Section 5.3 and Table 5-2, Excavations 31A-2, 31B, 31C, 14A, 14B, 7B, 7C, 7D, 13C, 13D, and 13E were confirmed clean at the contract action level of 1 mg/kg. Field screening indicates that Excavation 7F does not contain PCB-contaminated soil above the contract action level, but confirmation samples were not collected. Because of weight restrictions and budget constraints BEESC partially removed PCB-contaminated soil from Excavations 31A-1, 31A-3, 7A, 7E, 13A-1, 13A-2, 13B-1, and 13B-2. The vertical extent of contamination in partially excavated soil pits is not known, because contamination remains at the pit bottoms.”</p>
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				<p>“Soil under concrete removed from Buildings 110 and 1001 was field screened for PCB contamination. One field screening sample from beneath Building 110 and one field screening sample from soil beneath Room F of Building 1001 showed PCB contamination above 0.5 mg/kg. Approximately two buckets of soil was removed from Building 1001 with an excavator and the remaining soil was confirmed below the contract action level. No further excavation of PCB-contaminated soil was performed at Building 110.”</p>
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23.	Section 5.9 or maybe 5.10	Somewhere in this report could you please note whether or not any ordnance, ammunition, weaponry, or explosive waste was encountered in either 2005 or in 2003?	A	No ordnance was discovered during 2003 or 2005. The following text was added to Section 5.4.3:
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				<p>“Materials that were discovered during debris removal activities included drums of product, asbestos materials, and a Blazer-type vehicle. No ordnance, ammunition, weaponry, or explosive waste was discovered during</p>
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				debris removal activities.”
24.	?????	No mention of the vertical culvert in the creek, unless it’s the CMP Water Collector pipe on Figure 5-23. Please tell how this was abandoned.	A	The vertical culvert in the creek is the CMP Water Collector pipe on Figure 5-23. This pipe was removed and disposed of a scrap metal.
25.	Section 6.0	Very nice detail in the sub sections describing the excavations. Good work!	N	Thank you.
26.	p. 46, line 7	Be sure to update the Final.	A	Section 6.1.5 has been updated to reflect receipt of the CDQR and the CDQAR. All requested flags have been included in Appendix F: Analytical Laboratory Data Summary Tables.
27.	p. 50, line 11	Perhaps here would be a good place to insert: “Field screening suggests that Excavation 7F has less than action level concentrations of PCBs, but no laboratory confirmation soils were collected.”	A	The following text was added to Section 6.5: “No confirmation samples from excavation 7F were analyzed, however results from three field screening samples were below 0.5 mg/kg PCB.”
28.	p. 52, line 3	“Area 13E (<u>Figure 6-8</u>)	A	The figures list in the Table of Contents has been edited to: “6-8 Soil Excavation Areas 13C, 13D, and 13E Sample Locations and Results” Text within Section 6.7.1.2 has not been changed to be consistent with other excavations within that section.
29.	p. 52, line 16	“The <u>screening</u> results	A	The text in Section 6.7.1.3 has been edited to: “The screening results from sample AFSL113 indicated that PCBs were present at a concentration in excess of 0.5 mg/kg.”
30.	p. 52, line 24	The red outline on the photo of Figure 6-10 looks rectangular, though a smaller soil square is visible.	A	Both the red drawn square and the red outline on the photograph are correct. The outline on the photograph is a rectangle because of the side perspective.
31.	p. 53, line 19	“disposed <u>approximately of</u> a portion	A	The text of Section 6.7.2.2 has been edited as follows:

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				“As a result, BEESC demolished and disposed of a portion of the floor slab approximately 30 feet by 70 feet (2,100-square-feet) as described Section 5.3.”
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36.	Page 36, lines 7-9	Wording is ambiguous. It sounds like you hand-picked ACM out of the metallic debris and then spread the ACM over 2 to 3 acres. Dilution?	A	Text was edited to: “ACM was removed from the metallic debris area spread over an area of approximately 2 to 3 acres north of AFS Ops and (Figure 3-1).”
37.	Page 39, CLIN 0008, Lines 16-17	Any chance of putting the liquid filled drums on a map?	A	The estimated locations have been included in Appendix K on Figure 1
38.		Original comment #24 No mention of the vertical culvert in the creek, unless it’s the CMP Water Collector pipe on Figure 5-23. Please tell how this was abandoned. I see that you answered this question on the comment template, but did it get mentioned in the report?	A	The vertical culvert in the creek is the CMP Water Collector pipe on Figure 5-23. This pipe was removed and disposed of a scrap metal.
39.		CD Label should include contract date below Contract No. (9-June-2004). Not critical	A	The contract date has been included on the CD Label.
40.	Report Title Page	If you really wanted to shine – put the long nasty file name (F10AK096901_07.08_0001_a.pdf) on the cover, perhaps as a footer. Not required.	A	The file name has been added to the cover.

PROJECT: NE Cape		DOCUMENT: Tram and Debris Removal Action Report, Revision 0		
REVIEW COMMENTS		LOCATION: NE Cape, St. Lawrence Island, Alaska		
DATE: April 18, 2006		REVIEWER: Lisa Geist	PHONE: (907) 753-5742	
Item No.	Location (page, par., sen.)	COMMENTS	Review A – Comment Accepted W – Comment Withdrawn N - Noted	Bristol Response
1.	Page 35	<p>Original comment: Please add a section describing the waste removal efforts at the Site 7 landfill, e.g. amount of liquid pumped into overpack, known drums with contents remaining, and an assessment of drums remaining that are actually visible along the slopes.</p> <p>Follow up comment: Modified test of Section 5.4.3 does not address items remaining. However, Bristol’s response should direct the reviewer to Section 5.8 for details on additional drums observed.</p>	A	<p>The following text was added to the first paragraph of Section 5.4.3: “Section 5.8 discusses waste remaining on-site.”</p>
2.	Page 35	<p>Original comment: Please include a separate section, if necessary, to describe debris gathering efforts at areas other than the Tram Towers and Pole Lines. For example – along Cargo Beach, Site 7 Landfill perimeter, Sites 24/25, other debris fields besides the upper mountain slopes? Perhaps just clarifying in the test with more description where the debris field mentioned by number are really located?</p> <p>Follow up comment: Line 4 should refer to Sites 33/34 as associated with Debris Field #1. Bristol’s response indicated that references to debris field numbers were removed, which is not completely true. Figure 5-24 also shows hatched areas from original scope labeled Debris Field #1 and #2. Wasn’t debris removed from more than just the east side of the Site 7 landfill? For example the boiler west of the landfill, other debris north of the landfill?</p>	A	<p>The reference to Site “24/25 (Debris Field No. 1)” has been changed to say Site 33/34 (Debris Field No. 1)”. Debris pick-up occurred between Site 24/25 and the AFS Ops area. Also between the AFS Ops area and the Site 7 landfill. So to include the entire area as debris pick-up. The text has been changed to read “....between the vicinities of Site 24/25, and the Site 7 Landfill.”</p>
3.	Page 37, Line 5	<p>Original comment: Actual areas (Site 31, Main Complex, other?) seeded should be mentioned in this section. Was the seed incorporated into the soil, watered, or otherwise tended to?</p> <p>Follow up comment: It seems that the text beginning at Line 17 should be a new section, and is not directly related</p>	A	<p>Section 5.7 Waste Disposal was added and all information regarding waste handling and disposal was included in this section.</p>

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REVIEW COMMENTS	LOCATION: NE Cape, St. Lawrence Island, Alaska

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Item No.	Location (page, par., sen.)	COMMENTS	Review A – Comment Accepted W – Comment Withdrawn N - Noted	Bristol Response
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		to the section title of Final Seeding.		
4.	Page 39, line 22	<p>Original comment: Please be more specific about the landfill debris that was uncovered. What is meant by “numerous” full and empty drums? More than 10? Less than 50? It may be more accurate to state that more exposed or partially exposed debris remains at the Cargo Beach Road landfill. What about debris remaining at the Site 9 Housing and Operations Landfill (referred to as area northeast of Main Operations Complex)? Photos show large pieces of debris posing hazard were cut-off and removed, but smaller items remain underwater, etc.</p> <p>Follow up comment: The new text/paragraph beginning at Line 22 is enclosed in quotes, without reference to where this comes from. Also, original comment related to Site 9 debris remaining underwater. The debris removal activities occurred north as well as northeast of the AFS Ops Area.</p>	A	<p>Quotes were removed from around the following text: “Debris removal activities north and northwest of AFS Ops Area were performed to remove motor vehicle (four-wheeler, snowmachine) hazards. If possible, anything protruding above the ground or lying on the ground was removed. Items that could not be removed were cut off so that they were no longer exposed above the ground surface.”</p>

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REVIEW COMMENTS		LOCATION: NE Cape, St. Lawrence Island, Alaska		
DATE: April 18, 2006		REVIEWER: Lisa Geist	PHONE: (907) 753-5742	
Item No.	Location (page, par., sen.)	COMMENTS	Review A – Comment Accepted W – Comment Withdrawn N - Noted	Bristol Response
5.	Page 40, Line 14	Original comment: Why are the type and amount of waste shipped off-site from NE Cape over the last two field seasons included in Table 5-5?? This adds unnecessary confusion to the report. Follow up comment: The revised text makes the report less accurate. Table 5-5 contains the types and amounts of waste that BEESC shipped out of NE Cape during both the 2003 and 2005 field seasons, shown for comparison.		The text was edited to say: “Table 5-5 contains the types and amounts of waste that BEESC shipped out of NE Cape during the 2003 and 2005 field seasons. 2003 field season data is provided for comparison purposes only.”
6.	Page 41, Table 5-5	Original comment: Why are wastes from 2003 included? In particular, where is the TSCA-oil<1000 ppm PCB from? Is this the drum from Site 7 landfill that was pumped into an overpack in 2005? I thought this waste oil was characterized as NOT containing PCBs. The waste type listing as TSCA Oil causes much confusion. Follow up comment: Table 5-5 has not been modified to indicate that the drum from Site 7 landfill was disposed off-site as used oil.		Table 5-5 has been corrected to reflect that the 55-gallon drum of used oil under “Non-regulated Items” was disposed of in 2005, not 2003.

PROJECT: NE Cape		DOCUMENT: Tram and Debris Removal Action Report, Revision 0		
REVIEW COMMENTS		LOCATION: NE Cape Site, St. Lawrence Island, Alaska		
DATE: 1/11/06		REVIEWER: Carey Cossaboom	PHONE: (907) 753-2689	
Item No.	Location (page, par., sen.)	COMMENTS	Review A – Comment Accepted W – Comment Withdrawn N - Noted	Bristol Response