

SUMMARY REPORT
Phase III Remedial Investigation
Northeast Cape, St. Lawrence Island, Alaska

VOLUME I: APPENDICES A THROUGH D

Contract No. DACA85-98-D-0007
Task Order No. 026
MWH Job No. 1850574.260130

December 2002

Prepared for:

Department of the Army
United States Army Engineer District, Alaska
Corps of Engineers
P.O. Box 898
Anchorage, Alaska 99506-0898

Prepared by:

MWH
4100 Spenard Road
Anchorage, Alaska 99517



MWH

F10AK096903_03.10_0009_a
200-1e

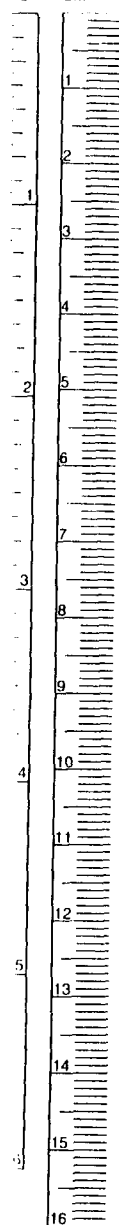
APPENDIX A

Field Notes and Field Note Forms



MWH

NCH CM



MEASUREMENT CONVERSIONS

IF YOU KNOW MULTIPLY TO FIND
BY

LENGTH

inches	2.540	centimeters
feet	30.480	centimeters
yards	0.914	meters
miles	1.609	kilometers
millimeters	0.039	inches
centimeters	0.393	inches
meters	3.280	feet
meters	1.093	yards
kilometers	0.621	miles

WEIGHT

ounces	28.350	grams
pounds	0.453	kilograms
grams	0.035	ounces
kilograms	2.204	pounds

VOLUME

fluid ounces	29.573	milliliters
pints	0.473	liters
quarts	0.946	liters
gallons (U.S.)	3.785	liters
milliliters	0.033	fluid ounces
liters	1.056	quarts
liters	0.264	gallons (U.S.)

TEMPERATURE

$$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 5/9$$

$$^{\circ}\text{F} = (^{\circ}\text{C} \times 1.8) + 32$$

Inches	Decimals of foot	Milli-meters
1/16	0052	1.5875
1/8	0104	3.1750
3/16	0156	4.7625
1/4	0208	6.3500
5/16	0260	7.9350
3/8	0313	9.5250
1/2	0417	12.700
5/8	0521	15.875
3/4	0625	19.050
7/8	0729	22.225
1"	0833	25.400
2"	1667	50.800
3"	2500	76.200
4"	3333	101.60
5"	4167	127.00
6"	5000	152.40
7"	5833	177.80
8"	6667	203.20
9"	7500	228.60
10"	8333	254.00
11"	9167	279.40
1 foot	1 0000	304.80

"Rite in the Rain"
ALL-WEATHER WRITING PAPER



Name Douglas Quist
Montgomery Watson Harma
Address 4100 SPENARD ROAD
ANCHORAGE, AK 99517
Phone (907) 248-8883

Project USACOE
Northeast Cape, St. Lawrence Island
1850574.260120

"Rite in the Rain" - a unique all-weather writing surface created to shed water and to enhance the written image. Makes it possible to write sharp, legible field data in any kind of weather.

a product of

J. L. DARLING CORPORATION
TACOMA, WA 98424-1017 USA
www.riteintherain.com

[illegible]

2000 - End Day

James H. Smith

Douglas Quint

4-17-01

Northeast Cape 1850574.260120 8-18-01

0700- Health and Safety Meeting

Prepare instruments

DO- Replaced Membrane (VSI only)

pH- Recalibrated

EC, T- Factory Calibrated

Prepare for Cross Sections in Drainage
Basin

Refer to M. Markell Field Notes-

2000 End Day

James Quist

James Quist

8-18-01

Northeast Cape 1850574.260120

8-19-01

0730- Health and Safety Meeting

Continue w/ Cross Sections

Refer to M. Markell Field Notes

2130- End Day

James Quist

James Quist

8-19-01

Northeast Cape 1850574.260120 8-20-01

0700 Health and Safety Meeting
Stage Coolers for Shipment to
Lab.

1915 - Depart for Continued Cross Sections of
Drainage Basin.

Refer to M. Markell field notes

1100 End Day

Jaeger

Gauglas Quist

8-20-01

Northeast Cape 1850574.260120 8-21-01

0700 Health and Safety Meeting
Johanna Dreher and D. Quist
to do Cross Section @ Sugi River
and SW/SD Samples
See M. Markell Field Notes

Continue SW/SD Sampling
Moving upstream w/ M. Markell/
Refer to M. Markell field notes

2000 End

Jaeger

Gauglas Quist

8-21-01

Northeast Cape 1850574. 260120
 0700 - Extremely High Winds - Weather Day
 Gusts to 60+ mph, sustained 40+

8-22-01

Northeast Cape 1850574. 260120 8-23-01

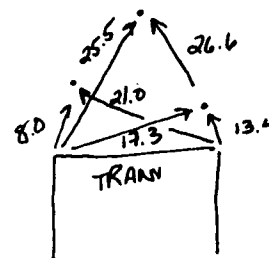
0700 Health + Safety Meeting
 Prepare to Sample top Camp Sites 33 + 34
 Bill O'Connell, Doug Quist, Floyd Kingcock

0830 - OINE33SS101 DR0/RR0 PCB

0835 - OINE33SS102 DR0/RR0 PCB

0840 - OINE33SS103 DR0/RR0 PCB

Conditions foggy and ground wet. No obvious staining. Samples placed in relative proximity to those shown on Figure 2-17 of the Work Plan.



Establish Old Grid A-m and 1-10
 Assumed ^{20'} intervals from MS-MC to last pin
 near road approximately 200' thus roughly 15' squares.

1030 OINE34SS101 ^{20'} ~~west~~ ^{20'} FROM N/S Road. ²
 1035 OINE34SS102 ^{20'} ~~MS~~ ^{20'} FROM 101 South ^{20'}
 1040 OINE34SS103 ON Berm South Side of Road.

Map Shows Grid N of Road However pins run along South edge of Road in 20' intervals
 Douglas Quist 8-23-01

Douglas Quist

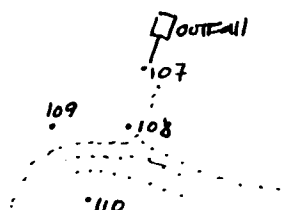
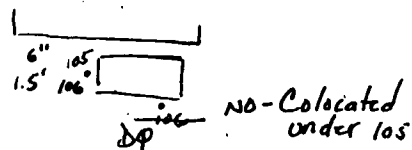
8-22-01

Northwest Cape 1850574.260120 8-23-01

1043- 01NE3455104 PCB-GRID B

1045- 01NE3455105 under W end of tank

1050- 01NE3455106 under fill for flow PC End DP



Four Discretionary Samples collected from Downgradient End of Outfall

1100 - 01NE3455107 DRO, RRO

1105 - 01NE3455108 DRO, RRO

1110 - 01NE3455109 DRO, RRO

1115 - 01NE3455110 DRO, RRO

30 - 01NE3455111 Background

Douglas Quist

8-23-01

Northwest Cape 1850574.260120 8-23-01

Site 31- Prepare Grid For Screening

E	2				10
D		4			
C	3			6	7
B					8
A			5		9

Note- all former sampler appear to be Composites based on uniform depression near each corner of each grid

Sample under tank valves @ each WACS Antenna

1500 01NE3155105, 205, QA (1503), (1504)
1505 01NE3155106 DRO, RRO

1510 01NE3155107 DRO, RRO

1515 01NE3155108 DRO, RRO

Douglas Quist

8-23-01

8-24-01

Northeast Cape 1850574. 260120

8-24-01

CASYS DCB Screening 0.5

1 A	+ 0.23	
15	+ 0.04	- Collect Sample Here for 34
15 C	+ 0.27	01NE34SS104
15 D	+ 0.53	
31-1	- 0.31	
31-2	+ 0.14	
31-3	- 0.46	
31-4	+ 0.01	
31-5	- 0.32	
31-6	- 0.63	
31-7	- 0.89	- Collect 01NE31SS101
31-8	- 0.35	
31-9	- 0.88	- Collect 01NE31SS102
31-10	- 0.64	
31-11	- 0.73	- Collect 01NE31SS103
31-12	- 0.66	- Collect 01NE31SS104
31-12B	- 0.65	

Northeast Cape 1850574. 260120

8-24-01

14-1	+ 0.35	
14-2	- 0.15	
14-3	- 0.71	- Collect ^{DO} 01NE31SS 01NE14SS101
14-4	- 0.85	- Collect 01NE14SS102
14-5	+ 0.26	
14-6	+ 0.26	
14-7	- 0.14	
14-8	- 0.17	
14-9	- 0.43	- Collect 01NE14SS103
14-10	- 0.14	
14-11	+ 0.15	
14-12	+ 0.05	
14-12B	+ 0.06	
01NE14SS101 1130		
01NE14SS102 1135		
01NE14SS103 1140 ms/msD		
01NE14SS203 1145		
01NE14SS303 1150		

Douglas Priest

8-24-01

Douglas Priest

8-24-01

Northeast Cape 1850574.260120 8-24-01

OINE31SS101	1900	DRD/RAO, PCB, PEST
102	1905	DRD/RAO, PCB, PEST ms/msd
103	1920	DRD/RAO, PCB, PEST
104	1925	DRD/RAO, PCB, PEST
202	1915	DRD/RAO, PCB, PEST
302	1910	DRD/RAO, PCB, PEST

OINE32SS101 2000 DRD/RAO 6"
102 2005 DRD/RAO 3 1.5-2.0'
Very Odorous, Diesel Staining Prevalent
Tank Empty. Sampled in depression near Bldg.

OINE32SS103	2010	DRD/RAO, PCB, PEST
OINE32SS104	2015	DRD/RAO, PCB, PEST
OINE32SS105	2020	DRD/RAO, PCB, PEST
OINE31SS121	2025	DRD/RAO, PCB, GRO, BTEX ms/msd
OINE31SS 221	2030	DRD/RAO GRO, BTEX
OINE31SS 321	2035	DRD/RAO GRO, BTEX

Collected Downgradient in runoff channel from
former transformers.

~~at~~

Saugus Quiet

8-24-01

Northeast Cape 1850574.260120 8-24-01

OINE31SS122 2100
Collected Under Terminus of Power line
@ Site 32

OINE32SW101 2110
Turb 1.21 NTU Collected Downstream of 32
EC 54.5 μ S Upstream of 31
Temp 2.5 °C
pH 7.22
DO 11.0

OINE32SS123 2230 Collected @ Outlet
of outfall from Bldg 1001

OINE32SS124 2240 Collected @ 2nd drain
from AST Bermed
Containment Dike

OINE32SW102 2245
Turb 0.56 n1
EC 47.8
Temp 3.9 °C
pH 7.11
DO 11.0

Saugus Quiet 2315 8-24-01

Northwest Cape 1850574.260120 8-25-01

0700 Health and Safety Meeting
Repair for Well Point Installation

Install Well Point w/ Bill O'Connell

WP 3-102

WP 3-103

WP 3-104

WP 4-102

WP 4-103

WP 4-104

WP 30-1 - Background on E. side of Cargo Rd

WP 6-1 Refusal of locations water @ 5' water. Test pits had so no

WP 6-2

WP 9-1

WP 9-2

WP 9-3

9-4 - No - Use MW from 1994

WP 7-1

WP 7-2

WP 7-3

WP 30-2

Background on S side of C.B. Road
5. of 7.

Douglas Creek

2345-End

8-01

Douglas Creek

Northwest Cape 1850574.260120 8-26-01

0700 - Health & Safety Meeting.

Bill O'Connell and D. Quist to

install remaining well points

Begin Sampling W.P.s 9

Water to Bill O'Connell Nite and

trial sampling terms

1400 - Repair Samples for shipment and to

leave Island.

1530 - Depart NCE for Home

1615 - Arrive Home

Return through kitchen due to bad weather

2200 - Catch

2330 - Arrive Akshavya.

8-01

INCH CM

MEASUREMENT CONVERSIONS

IF YOU KNOW MULTIPLY TO FIND
BY

LENGTH

inches	2 540	centimeters
feet	30 480	centimeters
yards	0 914	meters
miles	1 609	kilometers
millimeters	0 039	inches
centimeters	0 393	inches
meters	3 280	feet
meters	1 093	yards
kilometers	0 621	miles

WEIGHT

ounces	28 350	grams
pounds	0 453	kilograms
grams	0 035	ounces
kilograms	2 204	pounds

VOLUME

fluid ounces	29 573	milliliters
pints	0 473	liters
quarts	0 946	liters
gallons (U.S.)	3 785	liters
milliliters	0 033	fluid ounces
liters	1 056	quarts
liters	0 264	gallons (U.S.)

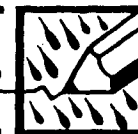
TEMPERATURE

$$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 5/9$$

$$^{\circ}\text{F} = (^{\circ}\text{C} \times 1.8) + 32$$

Inches	Decimals of foot	Milli- meters
1/16	0052	1 5875
1/8	0104	3 1750
3/16	0156	4 7625
1/4	0200	6 3500
5/16	0260	7 9350
3/8	0313	9 5250
1/2	0417	12 700
5/8	0521	15 875
3/4	0625	19 050
7/8	0729	22 225
1"	0833	25 400
2"	1667	50 800
3"	2500	76 200
4"	3333	101 60
5"	4167	127 00
6"	5000	152 40
7"	5833	177 80
8"	6667	203 20
9"	7500	228 60
10"	8333	254 00
11"	9167	279 40
1 foot	1 0000	304 80

"Rite in the Rain"
ALL-WEATHER WRITING PAPER



Name Melissa Markell

MWH Americas, Inc.

Address 4100 Spenard Rd

Anchorage, AK 99517

Phone (907) 266-1118

Project Northeast Cape, Alaska

2001 Phase III Remedial Investigation
1850574.260120

17 August 2001 - 28 August 2001

Client: USACE Alaska District
Work order #: 01-065

"Rite in the Rain" - a unique all-weather writing surface created to shed water and to enhance the written image. Makes it possible to write sharp, legible field data in any kind of weather.

a product of

J. L. DARLING CORPORATION
TACOMA, WA 98421-3696 USA

Photo Log

Soil Sampling

Soil Sampling

1850574.260120 USACoE Northeast Cape 1850574.260120 USACoE Northeast Cape

CONTENTS		
PAGE	REFERENCE	DATE
144-	Photo log	
147		
148-	sample field forms	
153		

phone numbers

Infotrac 24-hour hazmat response:
(352) 323-0091

Anchorage office:

1-888-686-6442

St. Lawrence Island:

Sandi Billingsley, Site Superintendent

ph: 770-1973, fax: 770-2559

CoE office ph: 770-2562 fax: -2565

medical trailer: 770-2583

~~const. office: unkm~~

Jane Whitsett:

266-1122 hm: 677-3576

Gary Busse:

266-1140 hm: 345-8424

Liese Geist:

ph: 753-5742 fax: 753-2820

Rich Jackson:

ph: 753-5606 fax: 753-5626

Photo Log

Site Building Salt SW/SD

1850574.260120 USACOE Northeast Cape

Alaska Airlines:

cargo acct # 2744-006515-1

mileage # 04309841 MVP

conf # GHYNRO

schedule: ANC → NOME 8/17

9:20a 12:14p

NOME → ANC 8/27

8:09p 9:35p

1850574.260120 USACOE Northeast Cape

8/17/01

0800 meet at FOX, depart for
airport; field crew:

Bonnie McLean, FTL

Doug Quist

Eileen Maus

Johanna Dreher

Bill O'Connell

Melissa Markell (me ü!)

1200 arrive Nome, take gear to
Bering Air

1400 arrive NEC,
offload gear

1430 Nugget safety briefing by
Brian Green (H50), Nugget

1445 organize gear

2000 done for the day

Um
total hours = 12

Photo Log

08/17/01 USACOE

1850574.260120 USACOE Northeast Cape

8-18-01

- 0700 Nugget safety meeting
- 0715 MWH safety meeting
- 0720 prep for Site 28 sampling
 - replace membrane on DO meter (YSI); calibrated last night 1800
 - calibrate pH meter (Beckman Φ 255 pH/temp)

0740 work w/ Doug to prep gear

0815 got ATVs, get fuel

0900 connect trailers, head out to Site 28

0915 arrive Site 28 CS-1

measure CS-1 124'

A-E is West to East

point	dist from W	depth	tape color
A	13' mem	0'	orange
B	32 28.5	0.5'	green
C	52'	0.5'	blue
D	71.5'	0'	green
E	91'	0'	orange

abundant organic sheen, no odor
water is amber in color

0945 photograph CS-1

unpack instruments,
collect SW at 15' from W
water 2' deep *umjam*

1850574.260120 USACOE Northeast Cape

5

8-18-01

0950 collect parameters on SW CS-1A

temp cond mem pH
4.1°C 195.5 ~~MS~~ 6.63

Accu-Vac
DO: HACH YSI
9.6 mg/L 8.3 mg/L

1002 collect SW samples

parameters: DRO
RRO
PCB

primary + ms/msd: OINE28SW111

duplicate: OINE28SW211

triplicate: OINE28SW311 + ms/msd

COE split: OINE28SW411

1025 collect SD samples CS-1A

parameters: DRO, RRO, PAH,
PCB, Pb, Zn, Cr, TOC

depth: 0-6"

primary & ms/msd: OINE28SD111

duplicate: OINE28SD211

triplicate: OINE28SD311 + ms/msd

COE split: OINE28SD411

umjam

Photo Log

OINE28SW/SD

1850574.260120 USACE Northeast Cape

8-18-01

1040 collect SD CS-1A 2nd
depth: 18" hand auger core
parameters: DRO, RRO
PAH, PCB, TOC
Pb, Zn, Cr

primary: OINE 28SD112

1045 collect SD CS-1B
depth: 6" stainless steel spoon
parameters:
DRO, RRO, PAH, PCB, TOC
Pb, Zn, Cr

primary: OINE 28SD113

1050 collect SD CS-1C
depth: 6" stainless steel spoon
parameters: DRO, RRO, PAH
PCB, TOC
Pb, Zn, Cr

primary: OINE 28SD114

1055 collect SD CS-1D
depth: 6" stainless steel spoon
parameters: DRO, RRO, PAH
PCB, TOC
Pb, Zn, Cr

primary: OINE 28SD115

WmJm

1850574.260120 USACE Northeast Cape

8-18-01

1100 collect SD CS-1E
depth: 6" stainless steel spoon
parameters: DRO, RRO, PAH
PCB, TOC
Pb, Zn, Cr

primary: OINE 28SD116

1115 clean up, move on to CS-2
100' upgradient of CS-1
measure CS-2 96'

point	dist from W	H ₂ O depth	tape color
A	4.5'	0	green
B	25'	0.13 mm	orange
C	45.5'	0	blue
D	66'	0.31 mm	orange
E	85'	0	green

1140: photograph CS-2

pack up, break for lunch

deliver samples to sample

handlers: Eileen & Johanna

1215 copy field notes for Eileen,

go over samples collected

1245 get ready for more

sampling, load coolers

1305 head out to Site 28

WmJm

Photo Log

1850574.260120 USACOE Northeast Cape

8

8-18-01

1320 arrive CS-2

1325 collect SD CS-2A 1st A+3'
depth 6" hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: 01 NE 28 SD 117

1335 collect SD CS-2A 2nd A+3'
depth 18" hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: 01 NE 28 SD 118

1340 collect SD CS-2B
depth = 6" stainless steel spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: 01 NE 28 SD 119

1345 collect SD CS-2C
depth = 6" stainless steel spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 120
1350 collect SD CS-2D ~~depth = 6" SS spoon~~
parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr
primary: 01 NE 28 SD 121 *VMjm*

1850574.260120 USACOE Northeast Cape

9

8-18-01

1355 collect SD ~~ET~~ ^{max} CS-2E
depth = 6" SS spoon
parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr
primary: 01 NE 28 SD 122

note: surface water has abundant
organic sheen
- SW & SD have rotting organic
odor

1405 cleanup, move on to CS-3,
locate CS-3

1425 stage gear at CS-3
measure CS-3 78'

point	dist from W	to depth	tape color
A	13'	0'	green
B	26'	0'	orange
C	39'	1.5'	blue
D	52'	0'	orange
E	65'	max 0.2'	green

1440 photograph CS-3
get ready for SW samples
VMjm

Photo Log

1850574.260120 USACOE Northeast Cape

8-18-01

1445 collect SW at CS-3

parameters:

<u>pH</u>	<u>temp °C</u>	<u>cond. ^{µm} S</u>
6.52	3.9	201.9

DO: Hach YSI
8.9 mg/L 7.1 mg/L

depth: 4" teflon dipper

1455 parameters: DRO, RRO, PAH,

primary: 01 NE 28 SW 112

note: abundant organic/iron
precipitate, floating & adhering
to underwater plants

1510 collect SD CS-3-A1

depth = 6" ss spoon

parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 123

1520 collect SD CS-3-B1

depth = 6" hand auger core

parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 124

- while augering down deeper to
collect next sample, observed 2
distinct silt layers: black & gray
unym

1850574.260120 USACOE Northeast Cape

8-18-01

1525 collect CS-3B 2nd

depth = 1.5' hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary, ms/msd: 01 NE 28 SD 125

duplicate: 01 NE 28 SD 225

triplicate: 01 NE 28 SD 325

1540 collect SD at CS-3C

depth = 6" hand auger core

parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 126

COE split: 01 NE 28 SD 426

1545 collect SD at CS-3D

depth = 6" hand auger core

parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 127

1550 collect SD at CS-3E

depth = 6" ss spoon

parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 128

unym

Photo Log

Drilling Soil SW/SD

1850574.260120 USACOE Northeast Cape

12

8-18-01

1555 clean up, head to CS-4
100' upgradient of CS-3

1558 stage gear at CS-4

1600 measure CS-4 100'

point	dist. from W	H ₂ O depth	type color
A	3'	0	green
B	20.5'	0	orange
C	38'	6"	blue
D	55.5'	3"	orange
E	73'	0	green

1605 photograph CS-4, prep for
SD sampling

1610 collect SD at CS-4A
depth: 6" ss spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 129

1615 collect SD at CS-4B
depth: 6" ss spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: 01 NE 28 SD 130

WmJm

1850574.260120 USACOE Northeast Cape

11

8-18-01

1620: collect SD at CS-4C 1st
depth: 6" ss spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 131

1625 collect SD at CS-4C 2nd
depth: 18" hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 132

note: both samples at CS-4C
black w/ strong fuel odor

1630 collect SD at CS-4D
depth: 6" ss spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 133

1635 collect SD at CS-4E
depth: 6" ss spoon

parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 134

1645 pack up, look for
CS-5 location

WmJm

1850574.260120 USA COE Northeast Cape

1850574.260120 USA COE Northeast Cape

15

8-18-01

1655 CS-5 location across wide lake area

1700 collect SW parameters at ^{CS-45} ~~CS-5~~

cond <u>us</u>	temp	pH
113.9	10.2°C	7.36

DO: HACH YSI

11.0 mg/L 10.5 mg/L

note: fuel shewn bubbles to surface as we walk in the sediments

1710 collect SW at CS-45
depth: 3" teflon dipper
parameters: DRD, RRD, PCB
primary: 01 NE 28 SW 113

note: collected SW sample before placing X-section tag line because placing tag line & staking points would churn up sediment in the lake

1725 place east & west end stakes at CS-5; plan to measure tag line & collect SD samples tomorrow

umzum

8-18-01

1735 pack up, head back to camp, drop off samples w/ Eileen & Johanna

1755 break for dinner

1830 copy field notes for Eileen

1840 assist Doug: down-loading digital camera images to computer & adding labels

1900 fill out field forms

2000 done w/ field forms!
done for the day!

umzum
total hours = 12.5

Photo Log

SW/ED

1850574.260120 USACOE Northeast Cape

8-19-01

- 0730 safety meeting
0745 calibrate & prepare instruments
- replace membrane on YSI DO meter
0800 break for breakfast
0815 load gear, sample jars
put on chest waders
0845 head out to fuel station
0900 fuel ATVs
0915 go to Site 28 with Doug
0930 place stakes
0945 measure CS-5 160'

point	dist from W	H ₂ O Depth	tape color
A	70'	0'	green
B	92.5'	0.9'	orange
C	115'	1.5'	blue
D	137.5'	2.1'	orange
E	160'	0.2'	green

0950 photograph CS-5

note: SW Sample DINE28SW113
was collected at CS-5B

- 1000 collect SD at CS-5A
depth = 6" stainless steel spoon
parameters: DRO, RRO, PAH, PCB, TOC
Pb, Zn, Cr
UMJH

1850574.260160 USACOE Northeast Cape

8-19-01

- 1000 primary: DINE28SD135
uniform silt, slight odor
- fuel sheen bubbles up when
we disturb the sediments
1010 collect SD at CS-5B
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr
primary: DINE28SD136
strong fuel odor, silty, black
organic-rich, silt & peat
1015 collect SD at CS-5C 1st
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr
primary: DINE28SD137
slight odor, some black
stains
1025 collect SD at CS-5C 2nd
depth: 18" hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: DINE28SD138
slight odor, some black
stains
UMJH

1850574.2601620 USACOE Northeast Cape

18

8-19-01

1035 collect SD at CS-5D

depth: 6" hand auger core

parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr

primary: OINE28SD139 + ms/msd

duplicate: OINE28SD 239

triplicate: OINE28SD339

~~moderate~~ odor, milky solids

1055 collect SD at CS-5E

depth: 6" hand auger core

parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr

primary: OINE28SD140

1100 pack up, move to CS-6
100' up gradient from
CS-5

1110 measure CS-6 160'

point	dist from W	H ₂ O depth	tape color
A	63'	0'	green
B	84.5'	0.1'	orange
C	106.5'	0.6'	blue
D	128'	0.6'	orange
E	150'	0'	green

1125 photograph CS-6

1135 break for lunch, pack
umzm

1850574.260120 USACOE Northeast Cape

8-19-01

collected samples, go back to
camp

1145 give samples to Eileen,
throw away garbage,
clean up

1200 lunch

1230 pack up more sample
jars, baggies, etc.

1250 go back out to site 28

1310 arrive site 28 CS-6

collect SD @ CS-6A

depth: 6" SS spoon

parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: OINE28SD141

moderate fuel odor, sheen

1315 collect SD at CS-6B

depth: 6" SS spoon, hand auger
core

parameters: DRO, RRO,
PAH, PCB, TOC, Zn, Pb, Cr

primary: OINE28SD142

strong fuel odor, lots of
sheen when sediments
disturbed

umzm

photo log

primary

SD/MSD

1850574.260120 USACOE Northeast Cape

8-19-01

1325 collect SD at CS-6C 1st
depth: 6" hand auger core

parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: OINE 28 SD 143
strong fuel odor & sheen

1335 collect SD at CS-6C 2nd
depth: 18" hand auger core

parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: OINE 28 SD 144
fuel odor, staining, sheen

1345 collect SD at CS-6D

depth: 6" hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: OINE 28 SD 145
fuel odor, staining, sheen

1355 collect SD at CS-6E

depth: 6" ss spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: OINE 28 SD 146
fuel odor, slight sheen

UMJ/ML

1850574.260120 USACOE Northeast Cape

8-19-01

1400 pack up gear, move on
to CS-7

1410 locate CS-7

collect SW parameters:

pH	temp	conductivity
7.4	5.2 °C	138.6 µS

DO: HACH YSI
8.8 mg/L 7.9 mg/L

1415 collect SW sample:
depth 2" teflon dipper
parameters: DRO, RRO, PCB

primary: OINE 28 SW 114

1425 locate CS-9

collect SW parameters:

pH	temp	cond.
6.96	5.3 °C	81.7 µS

DO: HACH YSI
9.0 mg/L 9.6 mg/L

1430 collect SW sample:

depth: 2" teflon dipper
parameters: DRO, RRO, PCB

primary: OINE 28 SW 115

- no sheen, no stains, no fuel
odor; water looks very
clean here

UMJ/ML

Photo Log

Drilling

SW/SD

1850574.260120 USACOE Northeast Cape 1850574.260120 USACOE Northeast Cape

8-19-01

1445 measure CS-7 14.4'

point	dist from W	H ₂ O depth	tape color
A	3.7'	0'	orange
B	7.7'	0.2'	blue
C	11'	0'	orange

- abundant scum on water
- high water $\approx$ 2.4' higher than present water surface

1450 photograph CS-7

1455 collect SD at CS-7A 1st

depth: 6" ss spoon

parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 147

fuel odor, sheen

1505 collect SD at CS-7A 2nd

depth: 1.5' hand auger core

parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 148

1510 collect SD at CS-7B 1st

depth: 6" ss spoon, hand auger

parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 149

WJL

8-19-01

1520 collect SD at CS-7B 2nd

depth: 1.5' hand auger core

parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 150

1530 collect SD at CS-7C 1st

depth: 6" ss spoon

parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 151 ms/msd

duplicate: 01 NE 28 SD 251

triplicate: 01 NE 28 SD 351

COE split: 01 NE 28 SD 451

1545 collect SD at CS-7C 2nd

depth: 1.5' hand auger core

parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr

primary: 01 NE 28 SD 152

note: all samples have strong fuel odor, sheen, black staining

1550 pack up, move to CS-8

1555 locate CS-8 42.5'

upgradient of CS-7

- measure CS-8

WJL

Photo Log

Drilling Log
SW/SD

1850574.260120 USACE Northeast Cape

8-19-01

CS-8, 12' total

point	dist. from W	H ₂ O depth	tape color
A	2' from	0'	orange
B	6'	0.63'	blue
C	10'	0'	orange

- abundant fuel odor, sheen, debris
- CS-8 placed at only location in the area without sheet metal in stream bed

1610 collect SD at CS-8A 1st
depth: 6" ss spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: OINE 28SD153
duplicate: OINE 28SD253
triplicate: OINE 28SD353

1620 collect SD at CS-8A 2nd
depth: ^{1.5'} 6" hand auger core
parameters: DRO, RRO, PAH, PCB
TOC, Zn, Pb, Cr
primary: OINE 28SD154
- soil rocky, abundant coarse
sand, minimal native peat

UMgjh

1850574.260120 USACE Northeast Cape

8-19-01

1625 collect SD from CS-8B 1st
depth: 6" hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: OINE 28SD155

1630 collect SD from CS-8B 2nd
depth: ^{1.5'} 6" hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: OINE 28SD156

1635 collect SD from CS-8C 1st
depth: 6" ss spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Zn, Pb, Cr
primary: OINE 28SD157
duplicate: OINE 28SD257
triplicate: OINE 28SD357

1645 collect SD from CS-8C 2nd
depth: 1.5' hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Zn, Pb, Cr
primary: OINE 28SD158

note: abundant staining,
sheen, fuel odor in all
samples

UMgjh

Photo Log

Drilling Log
Soil & SW/SD

1850574.260120 USACOE Northeast Cape

20

8-19-01

1655 pack up gear in trailers,
prepare to go back to
camp

1700 radio message from Bonnie
to pick up Johanna at
Site 7

1710 Doug goes back to camp,
I go to Site 7

1715 arrive Site 7, get
Johanna

1720 arrive at camp
- unload gear, instruments
- give samples to Eileen
- clean out trailers

1745 start filling out field
forms

1800 break for dinner

1830 fill out field forms

1905 fire drill!

1915 back to work

2000 done with field forms
- help Eileen & Johanna

pack coolers, make CoCs
2115 done for the day!

LMZ Markell total hours = 12.5

1850574.260120 USACOE Northeast Cape

21

8-20-01

0700 Nugget safety meeting

0715 MWH safety meeting

0720 sign chains of custody &
custody seals; assist in packing
& prepping coolers for today's
shipment

0900 take coolers to runway staging
area; prep for sampling

0910 ~~enter MWH~~ calibrate instruments,
load trailers

0920 head out for CS-11 & 12 w/Doug

0930 arrive CS-11 & 12 area,

- locate surface water from
which to collect sample

- locate CS-12 100' downgradient
of toe of Site 10

- locate CS-11 200' downgradient
of CS-12

1000 collect SW parameters at CS-11

Cond. uS	Temp °C	pH	turbidity
66.6	4.8	8.61	2.27 NTU
DO: HACH	YSI		
8.7 mg/L	8.9 mg/L		

LMZ LR

Photo Log

Drilling

SW/SD

1850574.260120 USACE Northeast Cape

8-20-01

1010 Collect SW sample at CS-11
depth: 2" teflon dipper
parameters: DRO, RRO, PCB
primary: OINE28SW116
- water slightly smelly (fuel)
w/ sheen

1015 measure CS-11 60'

point	dist from S	H ₂ O depth	type color
A	3'	0'	green
B	16'	undisturbed 1"	orange
C	29'	0'	blue
D	42'	undisturbed 0'	orange
E	57'	0'	green

- soils saturated
- surface water sample collected
6' down gradient of CS-11C

1020 collect SD at CS-11A

depth: 6" stainless steel spoon
parameters: DRO, RRO, PAH, PCB,
TDC, Pb, Zn, Cr

primary: OINE28SD171
duplicate: OINE28SD271
triplicate: OINE28SD371
CDE split: OINE28SD471

no sheen or odor

UmyM

1850574.260120 USACE Northeast Cape

8-20-01

1030 collect SD at CS-11B
depth: 6" stainless steel spoon
parameters: DRO, RRO, PAH, PCB,
TDC, Pb, Zn, Cr

primary: OINE28SD172

1035 collect SD at CS-11C 1st

depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB,
TDC, Pb, Zn, Cr

primary: OINE28SD173

1040 collect SD at CS-11C 2nd
depth: 1.5' hand auger core
parameters: DRO, PAH, PCB, PAH,
TDC, Pb, Zn, Cr

primary: OINE28SD174

still no sheen or odor at
this X-section

1045 collect SD at CS-11D

depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB,
TDC, Pb, Zn, Cr

primary: OINE28SD175
duplicate: OINE28SD275
triplicate: OINE28SD375

UmyM

Photo Log

CS-11 Drilling

SW/SD

1850574.260120 USACOE Northeast Cape

8-20-01

1055 collect SB at CS-11 E

depth 6" SS spoon

parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr

primary: OINE28SD176

1100 pack up, move to CS-12

measure CS-12 90.5'

note: disturbed area at
south end of x-section

point	dist. from S	H ₂ O depth	tape color
A	44'	2"	green
B	51.5'	2"	orange
C	59	1"	blue
D	66.5'	1"	orange
E	74'	0'	green

note: fuel? sheen at A; organic
sheen at B, C, & D

- checked out sheen at A: breaks
up, no rainbow effect, so it's
organic

1110 photograph CS-12

1115 collect SD at CS-12 A

depth: 6" SS spoon

parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr

WJH

1850574.260120 USACOE Northeast Cape

8-20-01

1115 collect primary: OINE28SD177

1120 collect SD at CS-12 B

depth: 6" SS spoon

parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: OINE28SD178

- no fuel odor, stain, or
sheen at lat 2 CS-12

samples

1125 collect SD at CS-12C 1st

depth: 6" SS spoon

parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr

primary: OINE28SD179

- slight fuel odor; no stain
or sheen

1130 collect SD at CS-12C 2nd

depth: 6" hand auger core

parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr

primary: OINE28SD180

- slight fuel odor, no stain
or sheen

WJH

1850574.260120 USACOE Northeast Cape

8-20-01

1135 collect SD at CS-12D
depth: 6" ss spoon
parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr

primary: OINE28SD181
-no odor or sheen

1140 collect SD at CS-12E
depth: 6" ss spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr

primary: OINE28SD182
-no odor or sheen
-note: soils at CS-12 coarse
sand & gravel; gravel
angular, up to 2"; some
silt, iron staining

1145 pack up, load trailers, head
back to camp

1155 arrive camp, drop off
samples with Eileen & Johanna

1200 break for lunch

1230 get organized for afternoon;
copy field notes for Eileen

Wm. Miller
M. Miller

1850574.260120 USACOE Northeast Cape

8-20-01

1315 depart for CS-9 & 10

1325 arrive at CS-9 & 10
measure CS-9 14.0'

point	dist. from W	H ₂ O depth	tape color
A	3.5'	0'	orange
B	7.5'	0.5'	blue
C	11.5'	0'	orange

abundant debris in stream

1335 go to CS-10 50' upgradient of CS-9
1340 measure CS-10 29'

point	dist. from W	H ₂ O depth	tape color
A	3'	0'	orange
B	14'	0.6'	blue
C	25'	0'	orange

-note: SW sample OINE28SW115 was
collected approx. 30' downgradient
of CS-9 because of stream debris

-turbidity = 2.12 NTU

-turbidity of SW-114 (CS-7) = 5.13

-turbidity of SW-113 (CS-5) = 11.0^{NTU}

-we're collecting turbidity
measurements today
because Bonnie had the
turbidity meter at her
sites yesterday & Saturday.

Wm. Miller

Photo Log

Drilling Log
Soil & SW/SD
Carnegie

1850574.260120 USACOE Northeast Cape

8-20-01

1355 collect SD at CS-9A 1st
depth: 6" ss spoon
parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr
primary: OINE 28SD159
~~duplicate~~ ~~ungh~~
~~triplicate~~ ~~ungh~~
~~coe split~~ ~~ungh~~
- fuel odor, angular gravel in
sediments

1405 collect SD at CS-9A 2nd
depth: 12" auger refusal
hand auger core
parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr
primary: OINE 28SD160
- abundant gravel & cobbles,
fuel odor

1410 collect SD at CS-9B 1st
depth: 6" hand auger core
parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr
primary: OINE 28SD161
- fuel odor, gravel

~~ungh~~

1850574.260120 USACOE Northeast Cape

8-20-01

1415 collect SD at CS-9B 2nd
attempted, but auger refusal
at 6"; moved auger & tried
angled entry at several
points, but still got refusal
- primary sample OINE 28SD162
not collected

1430 collect SD at CS-9C 1st
depth: 6" ss spoon
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: OINE ~~28SD163~~ 28SD163
duplicate: OINE 28SD 263
triplicate: OINE 28SD 363
COESplit: OINE 28SD463
- strong fuel odor, abundant
gravel

1440 collect SD at CS-9C 2nd
depth: 18" auger refusal
hand auger core
parameters: DRO, RRO, PAH,
PCB, TOC, Pb, Zn, Cr
primary: OINE 28SD164
- fuel odor, gravel

~~ungh~~

Photo Log

Drilling
Logs
Soil &
SW/SD
Forms Form

1850574.260120 USACOE Northeast Cape

8-20-01

1445 pack up gear, move to CS-10

1450 collect SD at CS-10 A 1st

depth: 6" ss spoon

parameters: DRO, RRO, PAH, PCB,

TOC, Pb, Zn, Cr

primary: OINE28SD165

fuel odor, gravel

1455 collect SD at CS-10A 2nd

depth: ~~6" ss~~ 1.5' hand auger core

parameters: DRO, RRO, TOC, PAH,

PCB, Zn, Pb, Cr

primary: OINE28SD166

fuel odor

1455 collect SD at CS-10B 1st

depth: 6" hand auger core

parameters: DRO, RRO, TOC, PAH,

PCB, Zn, Pb, Cr

primary: OINE28SD167

fuel odor, gravel

1510 collect SD at CS-10B 2nd

depth: 18" hand auger core,

parameters: DRO, RRO, TOC,

PAH, PCB, Zn, Pb, Cr

primary: OINE28SD168

fuel odor, gravel Umdm

1850574.260120 USACOE Northeast Cape

8-20-01

1515 collect SD from CS-10C 1st
depth: 6" ss spoon

parameters: DRO, RRO, PAH, PCB,
TOC, Pb, Zn, Cr

primary: OINE28SD169

-fuel odor, very gravelly

1530 collect SD from CS-10C 2nd

depth: 8" hand auger core

refusal due to abundant

gravel & cobbles

parameters: DRO, RRO, PAH, PCB,

TOC, Pb, Zn, Cr

primary: OINE28SD170

-fuel odor

1540 pack gear, get flow meter
& flow measurement

equipment

1550 head out to where drainage
basin enters Sugi River

1605 locate flow station #1

- up gradient of drainage
basin / Sugi River
confluence

- equipment: Marsh-McBirney
Flow-Mate 2000

Umdm

Photo Log

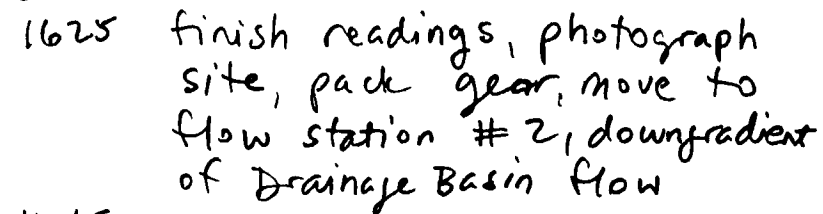
Drilling Log

SW/SD

1850574.260120 USACOE Northeast Cape 1850574.260120 USACOE Northeast Cape

8-20-01

1625

depth (H₂O)

dist from S. H₂O depth

1620 start readings:

center = 6.75' from S mark

from bottom: H_2O depth = 2.4'

H₂O depth reading in ft/sec

$2.4' \times 0.6 = 1.44'$	0.30
$2.4' \times 0.2 = 0.48'$	0.09 <i>margin</i>
$2.4' \times 0.4 = 0.96'$	0.10 0.27
$2.4' \times 0.8 = 1.92'$	0.71

Center = 7.75' from S mark

H_2O depth = 2.2'

1650 start readings
(next page)

YmZm

1850574.260120 USACOE Northeast Cape

8-20-01

reading depth in H ₂ O (from bottom)	velocity ft per second
2.2' x 0.2 = 0.44'	0.34
2.2' x 0.4 = 0.88'	0.65
2.2' x 0.6 = 1.32'	0.85
2.2' x 0.8 = 1.76'	0.87

1700 - finish readings, photograph
site, pack gear

1715 get turbidity at CS-1
turb = 4.61 NTU

1720 turbidity at CS-3 = 5.4 NTU
go back to camp

1735 arrive at camp, drop off
samples, unload trailers,
pack gear & instruments into
connex & office, copy notes
for Eileen

1800 break for dinner

1830 assist Eileen with sample
jar packaging & paperwork
- Melissa will help Eileen
while Doug & Johanna
collect samples from Site 29
(Sugi River).

UMLM

1850574.260120 USACOE Northeast Cape

8-20-01 Johanna Dieher and Doug Quist

19:25 Photograph Sample Site

Turb. GW117

1.73 NTU

Clear H₂O

no sheen or odor

E. Coli.

233 MS

Temp.

8.3°C

pH

8.3

DO

11 mg/L using HACH

1940 Collect SW 117 Samples
Depth: 3 inches using Teflon dipper

19:40

primary: 01 NE 29 SW 117 & MS/MSD
(1945)

duplicate: 01 NE 29 SW 217

1950 JLD

triplicate: 01 NE 29 SW 317

parameters → DRO/RPD GRO/BTEX
PCB PAH SIM TAL Metals

JLD

1850574.260120 USACOE Northeast Cape

8-20-01

2015 returned to Camp
dropped off Samples
Clean up Equipment

2030 Done

Johanna L. Dicks

8-20-01 Melissa Markell
2000 finish sample packing
done for the day!

Melissa Markell
total hours: 12.0

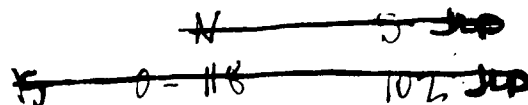
1850574.260120 USACOE Northeast Cape

8-21-01

0700 Nugget Safety Meeting
0730 MWH Safety Meeting
0745 assist Eileen w/ sample
packing & labels while
Johanna assists Doug with
sample collection at Site 29
(Sugi River) Lm/Lm

8-21-01 Johanna Dreher & Doug Quist
0815 arrive at Sample location

Sugi River Cross section 4



Measure GS-4

118'

Point	distance from S	depth	Color
A	15'	0'	green
B	44'	2 1/2'	blue
C	102'	0'	green

0835 photograph GS-4 location

Collect SD Samples

Parameters -> PAH, Pb, Zn, Cr, DRO/RRO, PCB, TDC

1850574.260120 USACOE Northeast Cape

8-21-01

OINE29SD123

0900 primary OINE29SD123 CS-4a

depth 6 inches

Parameters: PAH, PCB, TOC, DRO/RRO
PAH, Pb Zn Cr

0910 Collect SD at CS-4b

primary: OINE29SD124

depth: 3 ft

Parameters: PAH, PCB, TOC, DRO/RRO, TOC
Not taken at Anter, closer to 4c
when pulled up a shear is present

0940 Collect SD at CS-4c

depth: 1.7 ft +25 JLD

0950 primary: OINE29SD125 & MS/MSD

(0951) duplicate: OINE29SD225

(1000) triplicate: OINE29SD325

(1005) COE split: OINE29SD425

Parameters: PAH, PCB, DRO/RRO
TOC, Pb Zn Cr

QJD

1850574.260120 USACOE Northeast Cape

8-21-01

1025 Collect SD 128

Parameters: DRO/RRO PAH
PCB TAL Metals
GRO BTEX

~~primary OINE29SD128 JLD~~
depth 1.7 ft.

Primary: OINE29SD128

1040 Photograph sample location

1045 Collect SD 129

Parameters: DRO/RRO PAH PCB
GRO BTEX TAL metals

depth 1.7 ft

Primary: OINE29SD129

1055 Photograph location

1100 return to camp
drop off samples

Johanna Decker

Photo Log

Drifting Log

SW/SD
CWS
Factors

1850574.260120 USACOE Northeast Cape

8-21-01 Melissa Markell

assisted Eileen with sample

packing & jar labels until noon

1200 break for lunch

1230 prep for afternoon sampling,
load coolers, get ice,
stock up on decon supplies,
gloves, bug nets, check
radios

1305 depart for sampling site

1330 arrive SW/SD sampling location
116 on Sugar River

1335 collect SW sample

field parameters:

pH	temp °C	EC µS	turb NTU	DO mg/L	Hach
7.43	6.9	2.175	2.03	11.0	

collect SW sample

depth: 3" teflon dipper

parameters: GRO/BTEX, DRD, RRO,
PAH, PCB, TAL metals

primary: OINE 29 SW 116

1355 place stakes &

point	dist. from S	H ₂ O depth	tape color
A	2.0	0.6'	green
B	8.5	1.2'	blue
C	15	0.5'	green

WMM

1850574.260120 USACOE Northeast Cape

8-21-01

1400 collect SD from SC-3A

depth: 6" hand auger core

parameters: DRD, RRO, PAH, PCB,
TOC, Pb, Zn, Cr

primary: OINE 29 SD 120
-very gravelly

1405 collect SD from SC-3B

depth: 6" hand auger core

parameters: DRD, RRO, PAH, PCB,
TOC, Pb, Zn, Cr

primary: OINE 29 SD 121
- all coarse sand & gravel
- no silt!

1415 collect SD at SC-3C

depth: 6" hand auger core

parameters: DRD, RRO, PAH, PCB,
TOC, Pb, Zn, Cr

primary: OINE 29 SD 122

- all coarse sand & gravel

1425 pack up, get back to
road

1430 stuck in mud!

1440 back on the road, going
to camp to drop off
samples

WMM

Photo Log

Drilling
Logs
Soil & SW/SD
Forms Form

1850574.260120 USACE Northeast Cape 1850574.260120 USACE Northeast Cape

8-21-01

1445 back at camp, dropped off samples, get rid of ATV trailer

1455 back to the River for more sampling

- 1510 arrive SC-2, wide spot in the river with an eddy
- measure SC-2: 24'

point ↓	dist from East (actually S)	H ₂ O depth	tape color
A	2.0'	0'	green
B	10.25'	1.5'	blue
C	22.5'	2.0'	green

1520 photograph SC-2

1525 collect SW field parameters: NAACH

pH	condus	temp °C	turb NTU	DO mg/L
7.38	142.3	7.2	1.8	10.8

1530 collect SW sample

depth: 3" teflon dipper

parameters: GR₀, BTEX, DR₀, RR₀, PAH, PCB, TAL metals

primary: DINE29SW115

UmyM

8-21-01

1540 collect SD at SC-2A

depth: 6" hand auger core

parameters: DR₀, RR₀, PAH,

PCB, TOC, Pb, Zn, Cr

primary: DINE29SD117

- coarse sand & gravel; very little silt, if any

1545 collect SD at SC-2B

depth: 6" hand auger core

parameters: DR₀, RR₀, PAH,

PCB, TOC, Pb, Zn, Cr

primary: DINE29SD118

- gravel w/ coarse sand & rotted vegetation

- no fines!

1550 collect SD at SC-2C (eddy)

depth: 6" hand auger core

parameters: DR₀, RR₀, PAH,

PCB, TOC, Pb, Zn, Cr

primary: DINE29SD119

- silt (finally!) with gravel & peat

note: no sheen or odor observed at SC-2

1600 pack, move on

UmyM

Photo Log

Drilling
Logs

SW/SD
Form 100m

1850574.260120 USACE Northeast Cape 1850574.260120 USACE Northeast Cape

8-21-01

1615 arrive SC-1; measure: 10.9'

point	dist. from S	H ₂ O depth	tape color
A	1.0'	1.0'	green
B	5.0'	1.35'	blue
C	9.0'	1.3'	green

1625 photograph SC-1

1630 collect SW field parameters

PH	EC	ms	temp	Turbidity	DO	HACH
7.07	150.4	7.6	15.5	1.50	11.0	

1635 collect SW samples

depth: 3" teflon dipper

parameters: GRO, BTEX, DRO, RRO, PAH, PCB, TAL metals

primary: OINE29SW114

1630 collect SD at SC-1A

depth: 6" hand auger core

parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr

primary + ms/msd: OINE29SD114

(1635) duplicate: OINE29SD214

triplicate: OINE29SD314

COE split: OINE29SD414

- no sheen or odor

- silt w/ peat & gravel

Ungm

8-21-01

1650 collect SD at SC-1B

depth: 6" hand auger core

parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr

primary: OINE29SD115

- coarse sand, gravel, rotten vegetation - no fines!

1705 collect SD at SC-1C

depth: 6" hand auger core

parameters: DRO, RRO, PAH, PCB, TOC, Pb, Zn, Cr

primary: OINE29SD116

- silt

note: no sheen or odor at SC-1

1715 pack up, go to Suqi River sediment sampling sites near headwaters

1735 arrive at sed. sample site #127; take photos

1740 collect SD, depth: 6"

hand auger core in eddy

parameters: GRO, BTEX, DRO, RRO, PAH, PCB, TAL metals

primary: OINE29SD127

COE split: OINE29SD427

Ungm

Photo Log

Drifting Logs Salt Marsh SW/SD Forms & Photos

1850574.260120 USACOE Northeast Cape 1850574.260120 USACOE Northeast Cape

8-21-01

no sham or odor at SD 127

1750 move on to next site

1755 arrive at 126, photograph site

1800 collect SD sample; 6" deep hand auger core

parameters: GRO, BTEX, DRO, PPO, PAH, PCB, TAL metals

primary: OINE 29SD 127/6 umpl
COE split: OINE 29SD 427/6 umpl

1810 pack up, go back to camp

1815 arrive camp, put samples in sample connex, unload gear

1830 break for dinner

1900 ice samples, clean up, fill out field forms

2000 done for the day!

Melvin Man
total hours: 12.0

8-22-01

0700 no Nugget safety meeting because of weather: rain and wind at 45 mph, with gusts to 60 mph

- Nugget not working today
- too windy for MWH to work outside, so we'll be catching up on paperwork

1100 finished field forms, cross-checked COCs w/ field notes, reviewed work plan, copied notes for Eileen & Bonnie; now taking a break

1500 prep for sampling at Site 9, load gear & bottles

1530 go to Site 9 SW/SD sampling site at south side of landfill w/ Bill O'Connell

1545 collect SW field parameters

pH	temp °C	cond uS	DO mg/L	Hach DO	turb. NTU
7.14	9.9	91.6	no data	no data	no data

1600 collect SW sample

depth: 3" teflon dipper

parameters: GRO, BTEX, DRO, VOC, PPO, PAH, TAL metals, PCB
umpl

see pg 61

Photo Log

Drifting Logs
Soil & SW/SD
Forms Form

1850574.260120 USACOE Northeast Cape

8-22-01 ^{unjam}

1600 collect SW sample

primary: OINE09SW109 ^{unjam}

- no sheen or odor - but very windy so we couldn't smell anything anyway (also raining)

1630 return to camp, drop off samples, then back to Site 9

1650 collect SD sample

depth: 16" stainless steel spoon

parameters: DRO, RRO, PCB, TAL

metals, PAH, VOCs

See
pg
61

primary: OINE09SD109

- silty & peaty w/ lots of roots

1700 return to camp, put away gear, give samples to Eileen & Johanna

1730 work on electronic field forms

1815 break for dinner

1845 back to work on forms

1930 done for the day!

~~unjam~~
total hours: 8.0

see next
page

1850574.260120 USACOE Northeast Cape

8-22-01

1735 the plane is coming after all!
(the weather has cleared up)

So - cooler icing & sealing

1835 done!

~~unjam~~
total hours: 9.0

Photo Log

Drilling
Log

SW/SD
Forms Form

1850574.260120 USACOE Northeast Cape

56

8-23-01

0700 Nugget safety meeting

0715 MWH safety meeting

0730 prep for site 16 sampling,
check instruments

0830 load equipment & sample
bottles into trailer

0900 depart camp for site 16 with
Johanna Dreher

0915 arrive site 16, locate wells &
proposed soil sampling sites -
no obstructions! lots of
Connexes staged at site

0920 set up at well 16-2
monitoring well; frost jacked
above protective casing

- protective casing height: 3.32 ft ags
- pvc casing height: 3.36 ft ags
- well depth below top pvc: 16.65 ft
- water level below top pvc: 13.25 ft
- pvc casing inner diameter: 2"
- water column height: 3.40 ft

$$\begin{array}{r} 3.40 \\ \times 0.163 \\ \hline 1020 \\ 2040 \\ 340 \\ \hline 55420 \end{array}$$

one casing volume =
.55 gallons
min. purge vol. $\approx$ 1.75 gal.
equipment: disp. bailer
& bucket *under*

1850574.260120 USACOE Northeast Cape

57

8-23-01

0935 begin purge at MW 16-2

gallons	time	temp °C	pH	cond uS
0.55	0940	2.6	7.66	161.8
1.20	0945	2.8	7.05	153.1
2.0	0955	2.5	6.89	154.0
2.5	0958	2.6	6.83	153.1

1000 turbidity: 1000+ NTU

no sheen or odor; water silty

1005 collect SW sample

disposable bailer

parameters: SVOC

primary: 01NE16GW102

-oops! dropped the spout
in one of the bottles

1015 photograph site, put lid on
purge/decon water bucket,
final H₂O level 13.25 ft below pvc *under*
move to 16-3 *under*

8-23-01 Johanna Dreher

1020 Set up at Well 16-3

well condition is good

marking readable

Castings & Pad intact

- protective casing: 2.83 ft ags
- pvc casing height: 2.63 ft ags

Photo Log

Drilling
Logs

SW/SD
Forms Form

1850574.260120 USACOE Northeast Cape

8-23-01

- Well depth below ^{top} PVC: 17.28
- ^{top} Water depth top PVC: 13.81
- PVC inner diameter: 2"
- Water Column height: 3.47

3.47 one casing vol: .56

x 0.163 min. purge: $\approx$ 2 gallons

741

80621

347

50461

equipment: dispos. bailer & Bucket

1030 begin purge at mw 16-3

Gallons	Time	Temp °C	pH	Cond μ S
.75	1035	3.3	7.45	155.5
1.25	1037	2.2	7.22	148.0
2.00	1040	2.2	7.14	145.5
2.75	1043	2.4	7.10	141.7
3.25	1045	2.1	7.06	142.5

Turb. 119 NTU

no Sheen or odor, Silty at first Cleanup

1045 Collect Sample w/ dis. bailer

Primary: 01 NE 16 GW 103

Parameters: SVOC

80

1850574.260120 USACOE Northeast Cape

8-23-01

final water level 13.83 ft below PVC

1055 ^{purge} Decon water bucket put on lid and load

1100 photo graph site move to site

16-1 Johanna Baker

8-23-01 Melissa Markell

1105 arrive mw 16-1; monitoring well in good condition (casings, caps, & pad undamaged, markings readable)

- protective casing height: 3.25 ft ags
- pvc casing height: 2.93 ft ags
- well depth below top PVC: 16.76 ft
- water level below top PVC: 13.59 ft
- pvc casing inner diameter: 2"
- water column height: 3.17 ft

3.17 one casing volume $\approx$ 0.5 gal
min purge vol $\approx$ 1.5 gal

x 0.163

951

1902

317

.51671

equipment: disp. bailer & bucket

Umylon

Photo Log

Drilling Logs
Soil & SW/SD
Forms Form

1850574.260120 USACE Northeast Cape

60

8-23-01

gallons	time	temp °C	pH	cond. uS
0.5	1118	3.1	7.22	244.9
1.0	1120	2.6	7.07	204.5
1.5	1123	2.5	7.01	201.9
2.0	1126	2.7	6.96	189.8
2.5	1130	2.5	6.95	190.4

1130 turbidity = 49.2 NTU
no sheen or odor; water silty
at well bottom, but clearer
above

1135 collect SW samples w/
disposable bailer
parameters: SVOC

primary + ms/msd: 01NE16GW101
(1140) duplicate: 01NE16GW201

triplicate + ms/msd: 01NE16GW301

1150 final H₂O depth = 13.72 ft

1152 stage buckets of purge/
decon water at water treat-
ment area (adjacent to Site
1b), pack up gear, head back
to camp

WJL

1850574.260120 USACE Northeast Cape

8-23-01

1205 arrive at camp, give sample
coolers to Eileen, unload gear

1215 break for lunch

1245 copy notes for Eileen

1250 reviewed work plan maps &
discovered that yesterday's
Site 9 surface water &
sediment samples were
collected in the wrong
location

- previous samples 01NE09SW109 &
01NE09SW109 will be
discarded

- samples collected at the
correct location later today
will be assigned these
sample numbers

1315 prep for afternoon sampling,
get gear & bottles, load
ATVs; check, double-check, &
re-check the map for
Site 9

WJL

Photo Log

Drilling
Logs
Soil &
GW
Forms Form

1850574.260120 USACOE Northeast Cape

8-23-01

1335 depart camp to Site 16
w/ Bill O'Connell

1345 arrive Site 16 soil sample
site #165

- dig surface debris away
from sample site

1355 collect soil sample
depth: 6" stainless steel spoon

parameters: PCB, Pb

primary: 01NE1655165 + ms/msd

Pb { duplicate: 01NE1655265 (1400)
only { triplicate: 01NE1655365 + ms/msd

1405 label turkey butt tag, place
turkey butt, photograph

1410 dig surface debris away from
soil sample site #166

1415 collect soil sample
depth: 6" stainless steel spoon

parameters: PCB, Pb

primary: 01NE1655166

note: soil in both locations
sandy w/ gravel

1425 photograph, pack up, move to
Site 9

MyLm

1850574.260120 USACOE Northeast Cape

8-23-01

1430 arrive Site 9, locate SW/SD
sampling locations

1445 set up at sample site #107

collect SW parameters

pH	temp °C	EC μ S	turb NTU	HACH DO mg/L
7.62	7.1	46.4	1.83	11.0

1450 collect SW sample

depth: 3" teflon dipper

parameters: GRO, VOC, DRO, RRO,
~~SVOC~~ PAH, PCB, TAL metals

primary: 01NE09SW107 + ms/msd

duplicate: 01NE09SW207 (1455)

triplicate: 01NE09SW307 + VOC
ms/msd

- no sheen or odor

1540 collect SD sample

depth = 6" SS spoon

parameters: DRO, PAH, RRO,
PCB, TAL metals, VOC

primary: 01NE09SD107

black mud, lots of rotten
vegetation

1545 place stake, photograph,
pack up, move on

MyLm

Photo Log

Drilling
Logs
Soil & SW/SD
Forms Form

1850574.260120 USA COE Northeast Cape

8-23-01

1550 arrive Site 9 SW/SD sample site 108

collect SW parameters

pH	temp °C	EC μ S	turb NTU	HACH DO mg/L
7.43	6.6	48.7	1.98	11.0 +

1555 collect SW sample

depth 3"; teflon dipper

parameters: DRO, RRO, GRO, VOCs, PAH, PCB, TAL metals

primary: 01NE09SW108

no sheen or odor

1610 collect SD sample

depth ^{ungr} 6"; ss spoon

parameters: DRO, RRO, VOC, PAH, PCB, TAL metals

primary: 01NE09SD108

- black silty mud w/ abundant rotten vegetation

1620 place stake, take photos, pack up & move to next site (109) while Bill goes back to camp to drop off samples w/ Eileen & pick up more bottles

UMM

1850574.260120 USA COE Northeast Cape

8-23-01

1635 arrive SW/SD sample site # 109

1640 collect SW parameters

pH	temp °C	cond μ S	turb NTU	HACH DO mg/L
7.55	8.3	51.6	1.87	9.0

- pond full of metal debris & iron precipitate; abundant exposed debris along shoreline
- SW/SD sampling area is immediately down gradient from a seep draining from the refuse mass area

1650 Bill returns w/ sample bottles

1650 collect SW sample

depth: 3" teflon dipper

parameters: DRO, RRO, GRO, VOC, PAH, PCB, TAL metals

primary: 01NE09SW109

- no sheen or odor

- The COE folks arrived for a visit (Rich Jackson et. al.), took pictures, watched us sample, then left

UMM

Photo Log

Drilling
Logs
Soil & SW/SD
Forms Form

1850574.260120 USACE Northeast Cape

8-23-01

- 1705 collect sediment sample
depth: 6" SS spoon
parameters: VOC, DRO, RRO,
PAH, PCB, TAL metals
primary: DINEO9SD109
- debris in sediment
- 1715 place stake, photograph site,
pack up, head back to camp
- 1730 arrive at camp, give samples
to Eileen & Johanna, unload,
clean up & put away
instruments
- 1745 copy notes for Eileen,
break for dinner
- 1815 review site 9 SW/SD sites,
choose sites for discretionary
sediment samples
- 1845 clean & stow equipment
- 2000 done for the day

Umehin & Markell
total hours: 12.0

1850574.260120 USACE Northeast Cape

8-24-01

- 0700 Nugget safety meeting
- 0710 MWH safety meeting
- 0725 prep for Sites 9 & 21 sampling
while Bill fuels the ATVs
- 0815 depart camp w/ Bill O'Connell
- 0825 arrive Site 9 discretionary
sed. sample location
- 0830 collect sediment sample
depth: 6" SS spoon
parameters: DRO, RRO, PAH, PCB,
TAL metals, GRO, VOC, TOC
primary: DINEO9SD113 + ms/msd
duplicate: DINEO9SD213 (0835)
triplicate: DINEO9SD313 + ms/msd
- very peaty, no sheen or odor
- 0900 place stake, pack up,
photograph site, move on
- 0915 arrive sed sample location
114 (lots of metal debris, drums)
- 0920 collect sediment sample
depth: 6" SS spoon
parameters: DRO, RRO, GRO, VOC,
PAH, PCB, TOC, TAL metals
primary: DINEO9SD114
- very peaty, no sheen or odor
Cmylm

Photo Log

Drilling
Logs
Soil & SW/SD
Forms Form

1850574.260120 USCOE Northeast Cape

8-24-01

0930 place stake, ^{YmJm} clean up,
photograph, move to Site 21

0940 arrive Site 21, scope out
surface soil/soil boring locations

0950 collect soil at location 171
surface soil depth: 6" hand auger
parameters: DRO, RRO, PCB, TAL
metals, GRO, BTEX

primary: OINEZISS171

- soil very peaty & rocky
- no odor

1020 collect soil from boring
depth: 18" hand auger (* 18-24")
parameters: DRO, RRO, PCB, TAL
metals, BTEX, GRO

primary: OINEZISB171

- soil very gravelly, with peat,
minor fines, very wet
- tough going with the hand
auger because the rocks
are so large

1030 place stake, photograph,
move on

1040 arrive sample site 169

YmJm

1850574.260120 USCOE Northeast Cape

8-24-01

1045 collect surface soil sample
depth: 6" hand auger core, ss spoon
parameters: DRO, RRO, GRO, BTEX,
TAL metals, PCB

primary: OINEZISS169 + ms/msd

duplicate: OINEZISS269 (1050)

triplicate: OINEZISS369

- lots of peat, no gravel, no
odor

1100 collect subsurface soil sample
depth: 6" ^{YmJm} hand auger, ss spoon

18-24" parameters: DRO, RRO, GRO,
BTEX, TAL metals, PCB

primary: OINEZISB169

silt w/
minor
peat
w/gh

1115 place stake, photograph,
pack up, move on

1120 arrive sampling area 170

1125 collect surface soil sample
depth: 6" ss spoon
parameters: DRO, RRO, GRO,
BTEX, TAL metals, PCB

primary: OINEZISS170

- very peaty, minor gravel,
tar (wood stove
pipe sealant?) YmJm

see
page 83
YmJm

photo log

Drilling
Logs
Soil & SW/SD
Forms Form

1850574.260120 USA COE Northeast Cape

8-24-01

1130 place stake, photograph,
pack gear, go back to
camp

1145 arrive camp, give samples
to Johanna, restock gloves,
decon

1200 break for lunch

1230 copy notes for Johanna
prep for afternoon sampling:
load gear & bottles, check
calibration on instruments

1320 leave camp for Site 21 with
Bill O'Connell

1335 arrive site 21 pipe outfall,
locate sampling sites

1340 collect surface soil at 173
depth: 6" ss spoon
parameters: DRO, RRO, PCB, TAL
metals, BTEX, GRO

primary: DINE21SS173

- plenty, no odor

1345 collect surface soil at 172
depth: 6" ss spoon

parameters: DRO, RRO, BTEX,
GRO, PCB, TAL metals

WMA

1850574.260120 USA COE Northeast Cape

8-24-01

1345 primary: DINE21SS172
- rotted vegetation, very wet,
black mud

1355 move to SW/SD site #114

collect SW parameters:

pH	temp°C	ECµS	turbNTU	HACH DO mg/L
6.57	5.2	310.1	7.80	5.7

1405 collect SW sample

depth: ^{ungr} 6" teflon dipper
parameters: GRO, DRO, RRO, PCB,
TAL metals

primary: DINE21SW114

- abundant iron-rich scum, no
odor; organic sheen

1425 collect SD sample

depth: 6" ss spoon
parameters: GRO, DRO, RRO,
PCB, TAL metals

primary: DINE21SD114

- black mud, abundant rotten
vegetation, no fuel odor

3
1440 ^{ungr} pack up, place stake, move to
SW/SD 113 site

WMA

Photo Log

Drilling
Logs

Soil & SW/SD
Forms Form

1850574.260120 USACE Northeast Cape

8-24-01

1430 arrive SW/SD sample area

113, collect SW parameters

pH	temp °C	EC μ S	turb NTU	DO μ M/L
6.47	5.6	260.0	7.79	6.9

1440 collect SW sample

depth: 3" teflon dipper

parameters: DRO, RRO, GRO,

PCB, TAL metals

(N45) Primary: OINEZISW113 + ms/msd
duplicate: ~~113~~ OINEZISW213
triplicate: OINEZISW313 + ms/msd

- organic sheen, no odor

1505 collect sed sample

depth: 6" SS spoon

parameters: DRO, RRO, GRO, PCB,

TAL metals

- black, silty, organic-rich, no odor

1520 place stake, pack gear, photograph
SW/SD 113 & 114, SS 172 & 173

1525 head back to camp to drop off
samples

1530 arrive at camp, give samples
to Johanna, prep for next
site

mm

1850574.260120 USACE Northeast Cape

8-24-01

1600 depart for Site 30 (background
location at West Tributary, location
of OINE30SD101)

1615 arrive at sample site

1620 collect surface water

~~primary~~ COE split: OINE30SW401

depth: 3" teflon dipper

parameters: TBD by COE

- no sheen or odor

1630 collect sediment

depth: 6" SS spoon

parameters: TBD by COE

COE split: OINE30SD401

- abundant rotted vegetation

1640 move 200 ft up gradient

1645 collect SW

depth: 3" teflon dipper

parameters: TBD by COE

COE split: OINE30SW402

- no sheen or odor

1655 collect SD

depth: 6" SS spoon

parameters: TBD by COE

COE split: OINE30SD402

- abundant rotted vegetation

mm

Photo Log

Drilling
Logs
Soil & SW/SD
Forms Form

1850574.260120 USACOE Northeast Cape

8-24-01

- 1700 pack up, go back to camp
1715 arrive camp, give samples to Johanna, go to Site 30 SS-101 sample site (end of runway)
1725 collect SS sample depth: 6" SS spoon
parameters: DRO, RRO, PAH, TAL
primary: 01NE30SS101 metals
TAL metals only { duplicate: 01NE30SS201 (1730)
triplicate: 01NE30SS301
- silty soil w/ roots
1735 photograph, stake, go back to camp
1740 give samples to Johanna, put away gear
1745 break for dinner
1815 assist Johanna with cooler
2000 packing done for the day!

Melvin L Markell
Total hours: 12.0

1850574.260120 USACOE Northeast Cape

8-25-01

- 0700 Nugget Safety meeting
0725 MWH Safety meeting
0740 prep for measuring water quality parameters at the well points, load equipment
0930 head out to Sites 3 & 4
0940 arrive Site 3, set up to measure H₂O depth & well point depth, collect water quality parameters (see table pages 76-77)
0950 begin collecting data
- 03WP102 water extremely silty; bailed WP dry to get enough water volume to measure parameters
- turbidity & DO not readable (NR) because water too silty
1015 measure WP & H₂O depth at 03WP103 & 104
- well points need to go deeper; Bonnie called Doug to have him bring the jackhammer; will start over after WPs driven deeper
mdm

Photo Log

Drilling
Logs
Soil & SW/SD
Forms Form

1850574.260120 USA COE Northeast Cape

1850574.260120 USA COE Northeast Cape

YSI model 33

8-25-01

time	location	(bgs) WP depth (ft)	(ft bgs) H ₂ O depth	pH	temp °C	uM HOS EC _{uS}	turbidity NTU	HACH DO mg/L
0950	03WP102	2.93	1.48	6.5	7.1	212	NR	NR
1015	03WP103	2.84	0.2					
1025	03WP104	2.93	1.67					

*NR = not readable, BD = bailed dry

starting over...

time	location	WP depth (ft btoe)	H ₂ O depth (ft btoe)	pH	temp °C	uM HOS EC _{uS}	turbidity NTU	HACH DO mg/L	comments*
1130	03WP103	see Bonnie's notebook		6.5	6.5	145	NR	NR	silty
1145	03WP104			6.4	5.2	150	NR	NR	silty
1200	- break for lunch			-	-	-	-	-	-
1230	- resume sampling			-	-	-	-	-	-
1330	04WP103			6.2	5.0	195	NR	NR	very silty!
1340	04WP104			6.1	5.0	175	NR	NR	very silty!
1350	04WP102			6.2	2.0	165	NR	NR	
1420	WP30-1	3.10	1.28	6.7	3.5	85	NR	NR	Nitrate: NR; BD

1430 assist Bonnie with filling
bottles at Site 4 & Site 301500 feeling sick; taking a couple
hours off1900 update sample count list
for monitoring well sampling
planned for September

1930 move computer & printer

UMM

1945 clean & prep instruments
for tomorrow2000 assist Johanna with
sample packaging

2030 done for the day

Melissa Markell

total hours: 9.0

photo log

Drilling
logsSoil
GWS
Forms Form
SW/SD

8-26-01

- 0700 Nugget safety meeting
 0705 MWH safety meeting
 0715 prep for well point water level survey, staking boundaries at Site 7 land fill
 0755 depart camp
 0805 arrive Site 9 WP-2
 depth to H₂O from TOC = 3.34 ft
 wp depth from TOC = 6.37 ft
 0810 Site 9 WP-3
 H₂O depth below TOC: 4.74 ft
 wp depth below TOC: 6.23 ft
 0820 Site 9 MW-9-2 (SE edge of pond)
 H₂O depth below top steel casing: 5.66 ft
 well depth below top steel casing: 11.47 ft
 - bottom very soft, material on sounder creamy, no grit: soft bottom must be bentonite in the well
 0835 Site 9 MW-9-3
 H₂O depth below top steel casing: 4.29 ft
 well depth below top steel casing: 9.94 ft
 - bottom very soft; material mostly creamy w/ some grit: bentonite + silt

umzun

8-26-01

- 0855 arrive background well point WP 30-2
 H₂O depth below TOC: 4.93 ft
 wp depth below TOC: 6.20 ft
 0910 arrive Site 7 WP-1
 H₂O depth below TOC: 3.25 ft
 wp depth below TOC: 6.22 ft
 0920 Site 7 WP-2
 H₂O depth below TOC: 9.13 ft
 wp depth below TOC: 9.33 ft
 0925 Site 7 WP-3
 H₂O depth below TOC: ~~3.25~~^{umzun} 2.59 ft
 wp depth below TOC: 6.16 ft
 0930 arrive Site 6 WP-3
 H₂O depth below TOC: 4.42 ft
 wp depth below TOC: 9.35 ft
 0940 go back to site 9, drop off water level meter, pick up water quality parameter instruments from Bill
 0955 back to camp for more gloves, bailers, decon supplies
 1030 arrive site 30 background well point WP-2

umzun

Photo Log

Drilling
Logs
Soil & SW/SD
Forms Form

1850574.260120 USACOE Northeast Cape

8-26-01

1035 collect parameters

pH:

cond:

temp:

turbidity:

DO:

Nitrate:

no data

1045 unable to collect parameters
- only a few inches of water
in WP

- water extremely silty

- WP bailed dry very quickly

1050 arrive Site 6 WP-3

collect parameters

pH: 6.2

cond: 131 μ MHOS

temp: 5.9°C

turbidity: 190 NTU

DO: 10.2 mg/L

1105 Site 6 WP-2

collect parameters

pH: 6.6

turb: 1000+ NTU

cond: 125

DO: 8.2 mg/L

temp: 5.5°C

UMJLM

1850574.260120 USACOE Northeast Cape

8-26-01

1125 arrive Site 6 SS11 (SW-11b)

collect SW parameters

pH: 6.9

temp: 8.8°C

cond: 80 μ MHOS

turbidity: 7.30 NTU

DO: 11.0 + mg/L

1145 back to camp, throw away
trash, reorganize gear, make
inventory list of well points
sampled & parameters measured

1200 break for lunch

1230 pack up gear, clean up
room, prep for flight out
this afternoon

1330 go to site 7 & stake
landfill boundary for
surveyor

1400 go to Site 9, pick up
water quality parameter
equipment from Bill

1415 head back to Site 7

1425 arrive Site 7 WP 7-3

collect parameters

UMJLM

Photo Log

Drilling
Logs
Soil &
GW
SW/SD
Forms Form

1850574.260120 WACOE Northeast Cape

8-26-01

1425 WP 7-3

pH: 6.9

temp: 6.8 °C

cond: 82 uMHOS

- DO & turbidity not readable (water extremely silty)

1440 Site 7 WP 7-2

- cannot collect parameters because < 2" of water in the wp; moving on to WP 7-1

1445 Site 7 WP 7-1

pH: 6.7

temp: 6.0 °C

cond: 71 uMHOS

- DO & turbidity unreadable because water too silty

1500 back at camp, put away gear, pack up last of personal stuff,

1530 to the plane

1545 on the way to Nome

2330 arrive Anchorage (finally!)

Melissa Markell

total hours: 16

1850574.260120 WACOE Northeast Cape

~~8-26-01~~ ^{11/2/01} (8-24-01)

collection of subsurface soil sample OINE21SB170 at Site 21 was not recorded in the field notebook at the time of collection (see page 69)

time of collection: 1130

depth: 18-24"

method: hand auger core

parameters: DRO, RRO, GRO, BTEX, PCB, TAL metals

sample type & ID: primary OINE21SB170

description: peaty, minor gravel, tar (wood stove pipe sealant?)

Melissa & Markell 8/28/01

Pages 84-143
are blank.

Photo Log

Drilling
Logs
Soil & SW/SD
Forms Form

1850574.260120 USACOE Northeast Cape

1850574.260120 USACOE Northeast Cape

Photo Log

camera/ roll #	date	direction	subject
digital	frame	facing	
	1 & 2	8/18 E	CS-1
	3	S	CS-1A
	4	S	-1B
	5	S	-1C
	6	S	-1D
	7	S	-1E
	8	W	CS-1
	9	SE	Doug collecting SW at CS-1A
	10, 11	E	CS-2
	12	S	CS-2A CS-2A
	13	S	-2B
	14	S	-2C
	15	S	-2D
	16	S	-2E
	17	W	CS-2
	18	NW	CS-2 & CS-1
	19	E	Doug collecting SD at CS-2A 2nd sample
	20, 21	E	CS-3
	22	S	CS-3A
	23	S	-3B
	24	S	-3C
	25	S	-3D
	26	S	-3E
	27, 28	W	CS-3 & CS-2

Photo Log

photo log

Drilling
logs
soil & SW/SD
forms form

8-18-01

will discontinue photo log as
Doug Quist is keeping track of
photos; he will download digital
camera and label photos daily

Wm J. H.

1850574.260120 USACOE Northeast Cape

146

Photo Log

camera/

roll #

frame date

direction

facing

subject

1850574.260120 USACOE Northeast Cape

Photo Log

na Umehi Zmant

Drilling
Logs

Soil & SW/SD
Forms Form

১২০৮

example forms

Indm

[illegible]

example forms

in 7m

[illegible]

Drilling
Logs

154

example forms

in 2m

SOIL SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Sample Location:	
Project: Northeast Cape 2001 Phase III RI				MAP			
Site:							
Client: United States Army Engineer District - Alaska							
FIELD INFORMATION							
Date:		Sampler(s):					
Sampling Equipment:							
SAMPLE INFORMATION							
Time:		Depth Interval:			ft		PID: ppm
Sample ID: Ø1NE		primary duplicate triplicate			ms/msd		
Time:		Depth Interval:			ft		PID: ppm
Sample ID: Ø1NE		primary duplicate triplicate			ms/msd		
Time:		Depth Interval:			ft		PID: ppm
Sample ID: Ø1NE		primary duplicate triplicate			ms/msd		
Time:		Depth Interval:			ft		PID: ppm
Sample ID: Ø1NE		primary duplicate triplicate			ms/msd		
Time:		Depth Interval:			ft		PID: ppm
Sample ID: Ø1NE		primary duplicate triplicate			ms/msd		
Time:		Depth Interval:			ft		PID: ppm
Sample ID: Ø1NE		primary duplicate triplicate			ms/msd		
Time:		Depth Interval:			ft		PID: ppm
Sample ID: Ø1NE		primary duplicate triplicate			ms/msd		
Time:		Depth Interval:			ft		PID: ppm
Sample ID: Ø1NE		primary duplicate triplicate			ms/msd		
Time:		Depth Interval:			ft		PID: ppm
Sample ID: Ø1NE		primary duplicate triplicate			ms/msd		
Time:		Depth Interval:			ft		PID: ppm
Sample ID: Ø1NE		primary duplicate triplicate			ms/msd		
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech							

111

example forms
mym

[illegible]

5011-35W/SD
Gm
Forms Form

17.

example forms

✓✓✓✓✓

ॐ नमो भगवते वासुदेवाय

153

example forms

Wm. G. M.

2017

SW/SD
Form

photo copy

form 2m13D

"Rite in the Rain"
ALL-WEATHER WRITING PAPER



Outdoor writing products . . .
... for outdoor writing people.



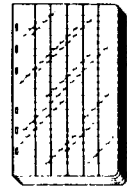
BOUND BOOKS



NOTEBOOKS



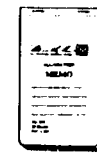
SPIRAL NOTEBOOKS



LOOSE LEAF SHEETS



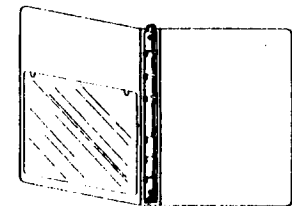
SPIRALS



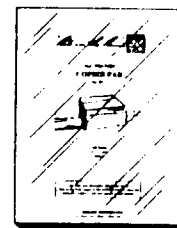
MEMO BOOKS



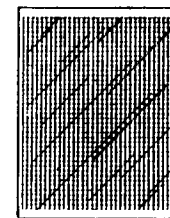
ALL-WEATHER PEN



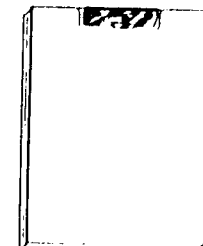
RING BINDERS



COPIER PAPERS

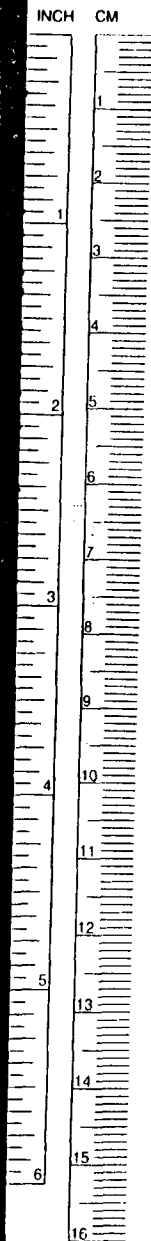


GRID SHEETS



POLY-CLIPBOARDS

Field data . . . if it's worth collecting, it's worth protecting.



MEASUREMENT CONVERSIONS

IF YOU KNOW MULTIPLY TO FIND
BY

LENGTH

inches	2.540	centimeters
feet	30.480	centimeters
300 feet	0.914	meters
miles	1.609	kilometers
millimeters	0.039	inches
centimeters	0.393	inches
meters	3.280	feet
meters	1.093	yards
kilometers	0.621	miles

WEIGHT

ounces	28.350	grams
pounds	0.453	kilograms
grams	0.035	ounces
kilograms	2.204	pounds

VOLUME

fluid ounces	29.573	milliliters
pints	0.473	liters
quarts	0.946	liters
gallons (U.S.)	3.785	liters
milliliters	0.033	fluid ounces
liters	1.056	quarts
liters	0.264	gallons (U.S.)

TEMPERATURE

$$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 555$$

$$^{\circ}\text{F} = (^{\circ}\text{C} \times 1.8) + 32$$

Inches	Decimals of foot	Millimeters
1/16	.0052	1.5875
1/8	.0104	3.1750
3/16	.0156	4.7625
1/4	.0208	6.3500
5/16	.0260	7.9350

3/8	.0313	9.5250
1/2	.0417	12.700
5/8	.0521	15.875
3/4	.0625	19.050
7/8	.0729	22.225

1"	.0833	25.400
2"	.1667	50.800
3"	.2500	76.200
4"	.3333	101.60
5"	.4167	127.00

6"	.5000	152.40
7"	.5833	177.80
8"	.6667	203.20
9"	.7500	228.60
10"	.8333	254.00
11"	.9167	279.40
1 foot	1.0000	304.80

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120



Name Bonnie McLean
(907) 266-1141

Address Trip 1 7-23 → 7-26-2001
Plants & Drinking
WATER WELLS

Project Trip 2 8-17 → 8-29-01
Base sampling
Trip 3 - mud/SB
Berries

"Rite in the Rain" - a unique all-weather writing surface created to shed water and to enhance the written image. Makes it possible to write sharp, legible field data in any kind of weather.

a product of

J. L. DARLING CORPORATION
TACOMA, WA 98424-1017 USA
www.riteintherain.com

HONDA 400
198

2-91255-HAO-681

None
443-5619
ARC
279-9478

Morgan's
105
945-2155

1-888-
686 6442

Lusa 753-5742
Rice 753-5600

60 PRI

None. Cong. 443 2.711

1800 950 1077
0 907 435 1525
9264

DISCLOSURE 344-614201

11341 Olive LN PAK

Name: 443-5619 (Honda parts)
Kevin

USACOE
Northeast Cape, St. Lawrence Is. 7-23-01
1850574.260120 Bgm

0730 @ Fox

0805 @ AIA

Flight delayed

1110 leave AWC

240 arrive Nome

305 leave NOM - Berings

Mugget Rain charters

400 Arrive NEC -

440' Safety briefing -

Stage equipment 2m17

1910 Rent 1 ATV Mican Tooka

1930 on-site - 35 & 28

2030 prep bottle sets

Eugene says well 62' bps

Pump are still in wells

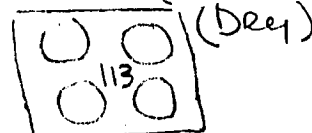
US Army Jan 63 map
have wells ID.

Bgm

Dunkin' donuts ID
NEC 7-23-01 (35-3) N
↑

35-2

(30 gpm)



(35-1)

(10 gpm)

35-4
40 GPM

per (US ARMY
MASTER plan)
1 Jan 63)

Called Melisa to
confirm well ID for WP
figure. Left message

Talbot as Marie & Miron
on plant ID trip Tuesday.

Missing one gun/ben.
take with water level
meters. (2) called
Berings air, they will ch
with WAC.

2010 End day Bgm

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

Bgm

7-24-01
0700 Safety Meeting
Completed w/ Nugget

ATV #1

ATV #2

830-930 - WINDY overcast 40%

Nugget pulled well
pump from #2.

945
V 7" steel casing
22.45' b/c

44.2' Total Depth
casing flush to Bldg. floor
well vol = 20 gal.

All meters cal. in field:

1. pH/redox Beckman 11
#2 4 & 7 STD.
2. YSI 30 S-C-T
3. EC STD. 1413 m/m = 1420
4. Temp 17°C = 17°C
5. Turb. - Hach 210DP-52 NTU=52.3
6. DO - Hach

Bgm

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

Bgm

7-24-01

Well Z

35-Z Purging

GAL.	pH	EC	Temp	Turb.	pump Ti
Vol.	*	us	°C	NTU	time
20.0	6.45	1420	3.2	167	1030
40.	6.74	110.6	2.9	166	1040
80	6.80	109.1	2.9	108	1055
120	6.79	106.3	3.0	106	1110

ID Sample - 01 NE 35 GW 102

@ 1100 Dro/Kro, Gro/Betr.

+ NATURAL ATTEND.

Trip BLANK 7-24-01 @ 1200

ID. 01 NE 35 TB 101

for gro/Betr - Sample results

DO = 8.2 mg/L

redox = -0001.8 mV @ 25°C
* TC to 25°C; Betr/Gro w/ bailer

START observations - pump in top 5'

Slight intermittent sheen

NO odor: Betr/Gro w/ Teflon bailer

Purge WATER to carbon filter -

Dis. metals filtered .45 micron

Shipped VIA Priority Air to NORM

PK. AIR.

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-24-01

FAX copy CofC

01 NEC 01

& airbell 1720 4445

to LAB & Acc 1 (Seabury)

Bgm

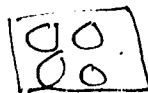
Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Bgm 7-24-01

1130 10:41 #1

↑



Former
Bldg #113

well 2

well #1

Pump in top 5' water.

30.1' bte -

1.85' stuck up, bqs

60.05' bte Total depth

5" Dia.

Vol = 24 gal. - plane on-site.

Time	pH	Temp. °C	EC µmhos	Turb.	GAL. Vol.
1700	5.51	4.2	148.1	61.5	5
1855	5.42	4.3	157.0	42.7	15
1905	5.54	3.4	160.6	41.3	25
1920	5.82	3.5	190.8	57.3	50
1940	5.95	3.2	211.4	123.	75

stopped because of battery trouble.

later:

when pump pulled ice
lever (2") was at 1/4.

per Charlie (Nugget).

See pg 17 for sampling

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Bgm

1135 Herman Tooley, George
Noun good (Coe liason)
arrives from Savonzo.
Herman will identify
plants the reindeer had
might eat in the
drainage basin. There are
est. 6,000 head on the island.

We went to site 11 and
walked the basin. Stakes
were placed at each plant
Herman identified.

We will return to sample
at a later time.

See notes pg. 9 - Reindeer
plants.

Plants,

pg 14 - human

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Bgm 7-24-01

1230

Reindeer plants

ID - T w/ Herman Tooley

①

ID - white lichen

fuzzy

"Mulck" - name for all
lichen

②

yellow lichen,

③

like straw - white (same
as #11)

④

low bush - leaves

(same as #12) - early spring
"gugungag"

⑤

black lichen

Winter

"MESAK"

⑥

moss - green, summer

⑦

flowers - blue

⑧

moss, bright green

⑨

moss (same as #6)

⑩

Flowers, all types

⑪

straw like, white, same as 3

1850574.260120

thin deer plants (cont.)
lower db

- Hermanon Berignon left
NCC for SATV @
1515.

The plants ID (X) will be cross referenced to PT-X when placed in field. LAB ID will be reference to this field ID

Northeast Cape, St.. Lawrence Is.

1850574.260120

Human edible native plants
maize, Toole, tamar, labor, Mirum Toole

- ② black berries, NO berries in
sept should be ripe

- ③ fluffy flowers on
on very low bush

- ④ small catkins like, plant
"Kitnmitk"

- ⑤ sm. black berries,
"KAVIAK", late Aug.

- ⑥ "greens" ^{on yellow}
"NUNIVAK"

- ① Skatman berries, late Aug.

- AGAVZIK
bushy and green leaves
ANGUKAG - leaves
by sea.

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

7-24-01

(9) spinach like
leafy w/ red veins
All ϕ egg KA9 - leafy
leaves cooked
red stake juice
sm. red flowers
NAPA 210. black

(by side road)
This plant has not been
seen in other areas yet.
We will look again.

Marie and Miriam leave
at 1630.

Return to well #1.
See pg 7.

1730 to camp #1
1900 to well #1
2000 pack up bottles for
7-25-01.

Bgm

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

Bgm

7-24-01

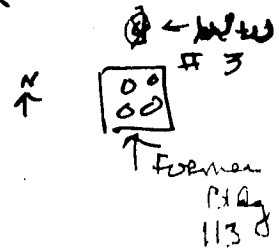
Well #3
7" DIA.
28-25' BTC

43.22' BTC Depth
Total

1.84' stick up
Dedicated pump (purging)
placed in casing

Info only.

Bgm



USACOE
Northeast Cape, St.. Lawrence Is. 7-24-CX
1850574.260120 Bgm

Drinking Well #4
25.65'
57.85' Depth total
8" Dia
1.10' above floor

~~Former construction camp~~

Ⓚ Former Pump House
Bldg.

Dehydrate purging pump placed
in well.

Info only

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

7-24-01
Bgm

Wild sample well #1
#3 & #4 7-25-01

pick plant samples
Call Bering air for
charter out 7/26/01
Time to be determined

2030 Wind planned
back outside door
in left side top head
while placing trash
under deck.

2135 End Day

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
7-25-01 1850574.260120

Bryn

0700 Safety meeting
if Nugget completed
Prepare equipment -
Calib. W/F meters

	STD	READ
pH	4.77	5.10
Turb	52	52.4
Temp	21.5	21.5
EC	1413	1428

Prepare sample bottles

XX Well #1

0815 at well #1
pump failed - settop's water
changed out - pump
Purged 30 ft gals.
Sampled Well #1
No sheen observed.
No odor observed.
Bryn

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Bryn NE11
7-25-01

Table (Sample 1)

Vol	pH	Temp	EC	Turb	Time
30	5.90	2.5	132.5	67	920
165+	5.87	2.3	128.7	58.5	1000

Primary Time

ID 01 NE 35 GW 101 @ 1000

Cyc of NE 04

Tap Blank 01 NE 35 TB 102 @ 1215

QA Cyc of NE 02

ID 01 NE 35 GW 201 @ 1010

DG/RRO, Gro/Betx

QC Cyc of NE 04

ID 01 NE 35 GW 301 @ 1015

DG/RRO, Gro/Betx

QA Dist Temp BLACK (4 - 10ml)

01 NE 35 TB 302 (Gro/Betx) @ 1200

DG 5.8 mg/L

Udax - 030.8 mV

Gro/Betx Samples 2 w/ Teflon
disposable Dabber
All parameters sampled
w/ disposable teflon Dabber

Bryn

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

Bgm

7-25-01

Call Lisa Gustaf - USACOE
Ref. Plant Sample Sub
Have ID 24 types
Renders - 10 Berries 3
P... - 5

(2-may of these
may not be located) Bkg - 3

One is used both for
and renders (different
door)

Glass - 3 (same type)

Bkg - 3 Lichen (R)

(S. Road, up Squi R.) Low bush (R, P)
Green (P)

Berries - 3

To be gathered in Aug or Sept

Total

PPAQ (NTP)

NTP

PPAQ Needs

24
3
12
9

Approved.
Bgm

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

Bgm

7-25-01

Started set-up of

Plant Sampling -
will work from Squi R.
to main site (5)

Five primary areas identified
PT-1 near intersection
of Squi R. & outlet of
DB

Moving S. - PT-5 is
below Site II, the former
fuel tanks,
PT-6 is the background
sampling location

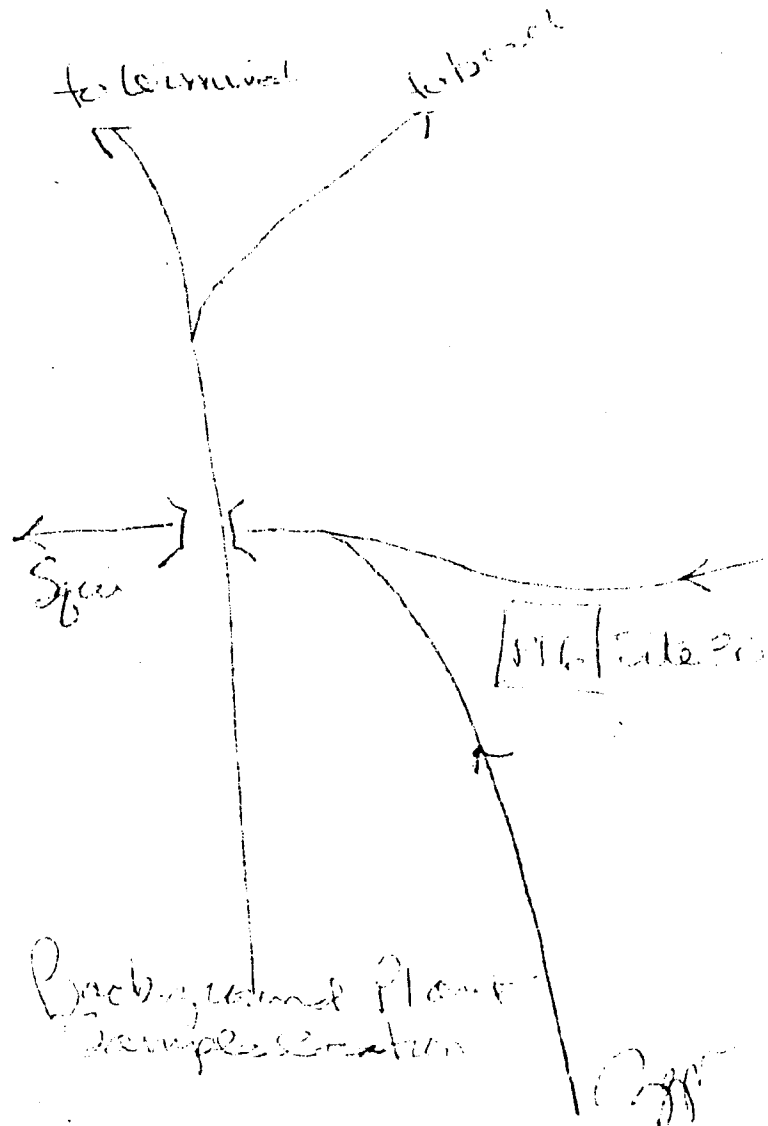
S. of road near Squi R
a few feet from drainage
crossing the main road

Setup well #3 to purge

Bgm

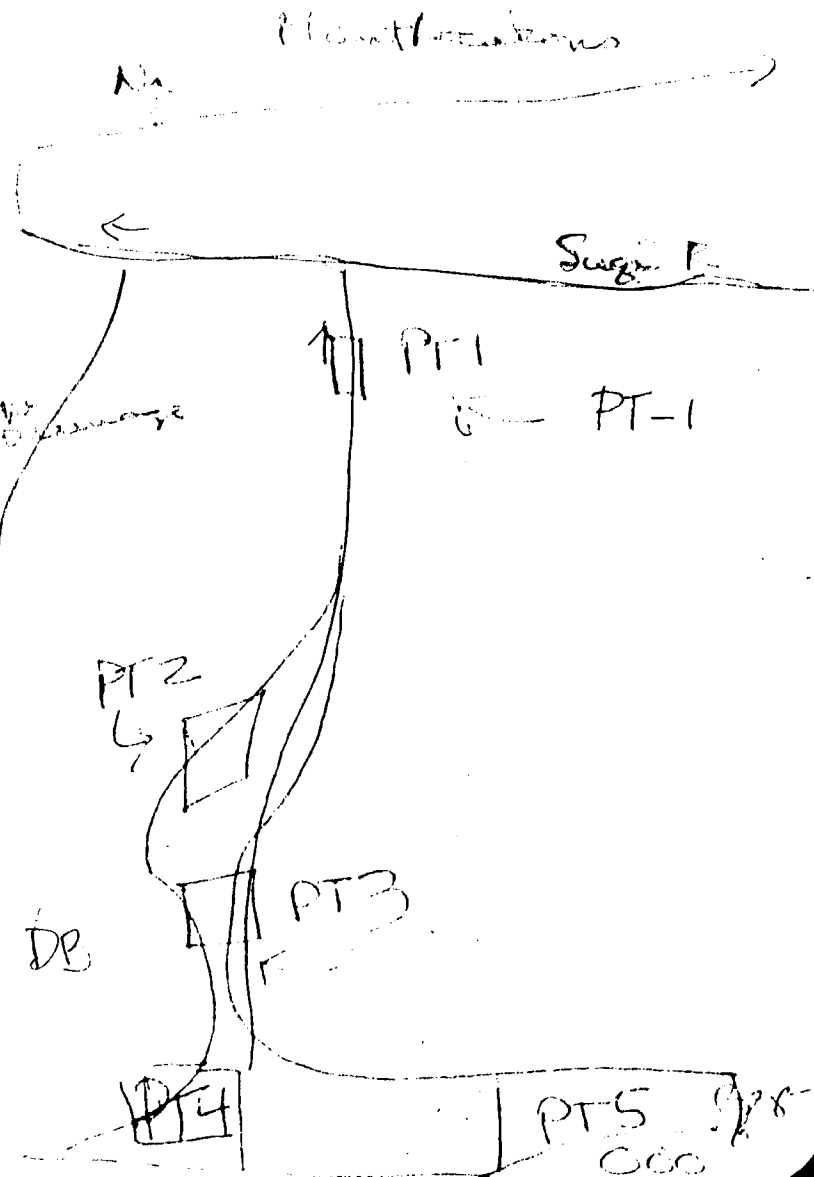
USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

[Signature]
7-23-01



USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

[Signature]
7-25-01



USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

7-25-01

Plant (Field ID) Collected

Ref.	Plant	Loc
	Riendeen	
1.	lichen, white	PT 5
2.	lichen, yellow	PT 3
3.	lichen, sliawlike	PT 3
4.	low bush	PT 5
5.	moss, green	PT 1
6.	moss, bright green	PT 4
7.	Flowers, pink	PT 2
8.	Flowers, blue	PT 3
9.	Flowers, yellow	PT 5
10.	lichen, black	PT 5

Stakes marked

Loc — Ref.
PT 5 — 1 (lichen white)
PT 3 — 2 (lichen yellow)

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

7-25-01

Ref. Purple

Loc

11.	fleuffy flowers	
12.	greens	
13.	cactus like	PT 5
	low bush stamens	
14	feces flower	
15	spin like, red stakes	
(14 & 15 Abt found in Site 28)		

Grasses

16	rye	PT 1
17	rye	PT 3
18	rye	PT 4

Back ground PT 6

19	lichen, white
20	low bush
21	greens

Berries (Aug-Sept)

22.	Black
23.	crow
24.	stamen

Bgm

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

7-25-01

Week #3 Sample ID

01 NE 35 GW 103

Very Buggy - Pump pulled

7/24/01 - casing = steel 7" dia

covered down pump pull

25.57 gal./Vc (Sample 13)

7/25 $\checkmark$ 28.25 D.T. 43.22

Time Vol Temp. EC (umV) pH Turb

1205 5 2.5 540 7.71 60.5

1245 60 2.7 541 7.78 70.2

1400 120 2.8 511 7.67 80.1

1700 130 2.7 511 7.61 88.8

Start

***C25

Most particles in water clearing
at sample ID 9.7.3/12

Sampled w/ teflon Bailey dup.
Dr/Re, Sol/Betx, metals - 190 t. atten.

Trap Blank 01 NE 35 TB 102 7/25 @ 1700

OC/Betx - Rodex - 48.3 mV

metals filtered w/ .45 m/c dissolved

Equipmt decon 7/25/01

Cogc 01 DEC 04

Prepare for ship mt.

2245 End day.

Bgn

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

Monday

7-26-01

Prep. Equipmt for sample

TS - filter equipmt 60

Calibration of Equipmt.

pl/Bachman 11 447 500

2.752 30 1412 1417

2.752 30 temp 21° - 21° ASION

Temp. Bachman 52 pt = 52.4 mV

Dr. Hach. Probe zeros = zero

Preparation Sample 103

from water 114

dissolved metals filtered

w/ glassump w/ .45 m/c

filter (new)

Equipmt decon 7/26/01

Such as well has

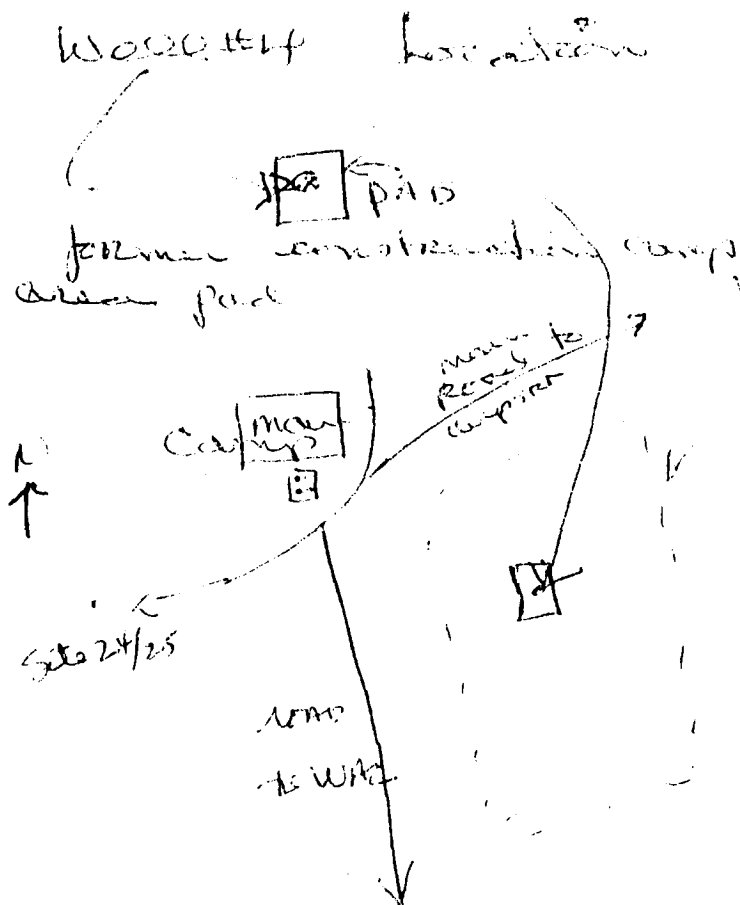
dedicated purgen

pump. Will be terminated for

for decon -

Bgn

USACOE
Northeast Cape, St. Lawrence Is. (B) *BSM*
1850574.260120 7-26-01



BSM

USACOE
Northeast Cape, St. Lawrence Is. *BSM*
1850574.260120 7-26-01

745 stack plunging at
Woodpile - Seamount ID.
01 NE 35 GW 104 @ 9 am
Dredge, GR/130, Natural Dredge
Discovered metal felt and 1/45 micron
D = 25.65' T 57.85' 3' stickup 1.10'

Pump pulled 7/24/01 by
Nugget, to be decommissioned
by Nugget Casing 8 in.
dia. Steel

Time	Plunge	Temp	EC	PH	Turb	NTU
	Gal	°C	um/cm	TCPE	61°	
800	10	3.4	474	7.56	56.8	
820	50	2.2	462	7.51	5	
840	100	2.6	473	8.07	56.2	
900	156	1.7	432	7.85	56.1	

DO: 8.2 mg/L
Redox: -51.1 mV

Water clear, No shrewen, Noodor
Dump sat top 5' water
Sampled w/ Dip-tetlon bottle
Sent to Lab CofC 01 NECC 4.

BSM

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

egg

7-26-01
Biel pressed plants
for Voucher.

(3) White straw lichen on
12 gr. - picked all that
was available. PTB

Call hymn concerning amt.
of plant samples of
lichen.

hymn called back -
recovery OK for plants.

Prepared samples (plants
to take back as checked
logs).

Prepared water samples
for shipping.

Primary 4 coolers

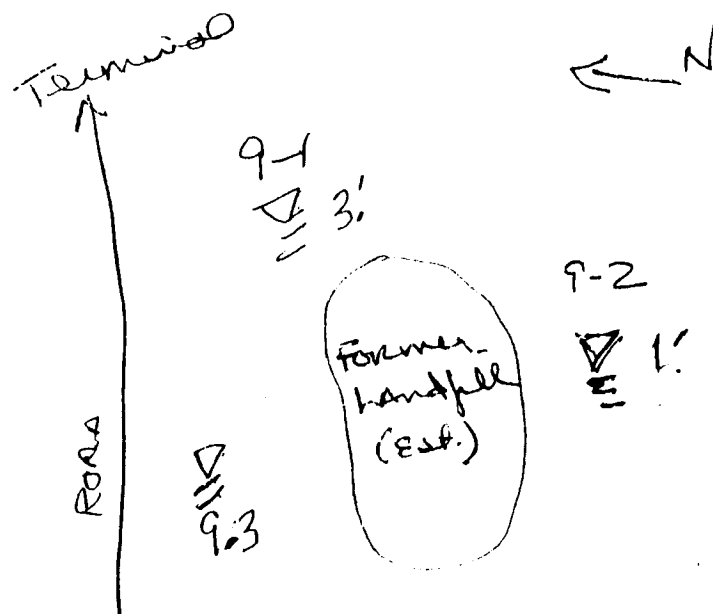
QA 1 cooler

To be goldstreaked from Norms
Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Bgm

7-26-01
Site 9 - Previous MU
observations & conditions.



9-3 PVC Jack 1.3'
Seal tight

9-1 PVC Jack 3'
Seal broken

9-2 PVC Jack 1'
Seal tight

Bgm

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

7-26-01
Packed equipment
Stay on site
Return to HAK
Everything left in Pm 11

1510 Bermy in SMC
Key air
2 - Foster wheelbar
w/ coolers
2 - MWA
w/ coolers (5 pc)
range gear (8 pc)
baggage (7 pc)

1605 - 60 MWA
AK MWA
Left off range
gas station
ARI 17204423 (4 pc)
Sound 17204563 (1 pc)
1715 CR on flight @ 2005
2200 arrive ANC

(352M)

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

Info
Only

Plant 11
01 008 25 PT X YZZ

Sample loc (1-6)

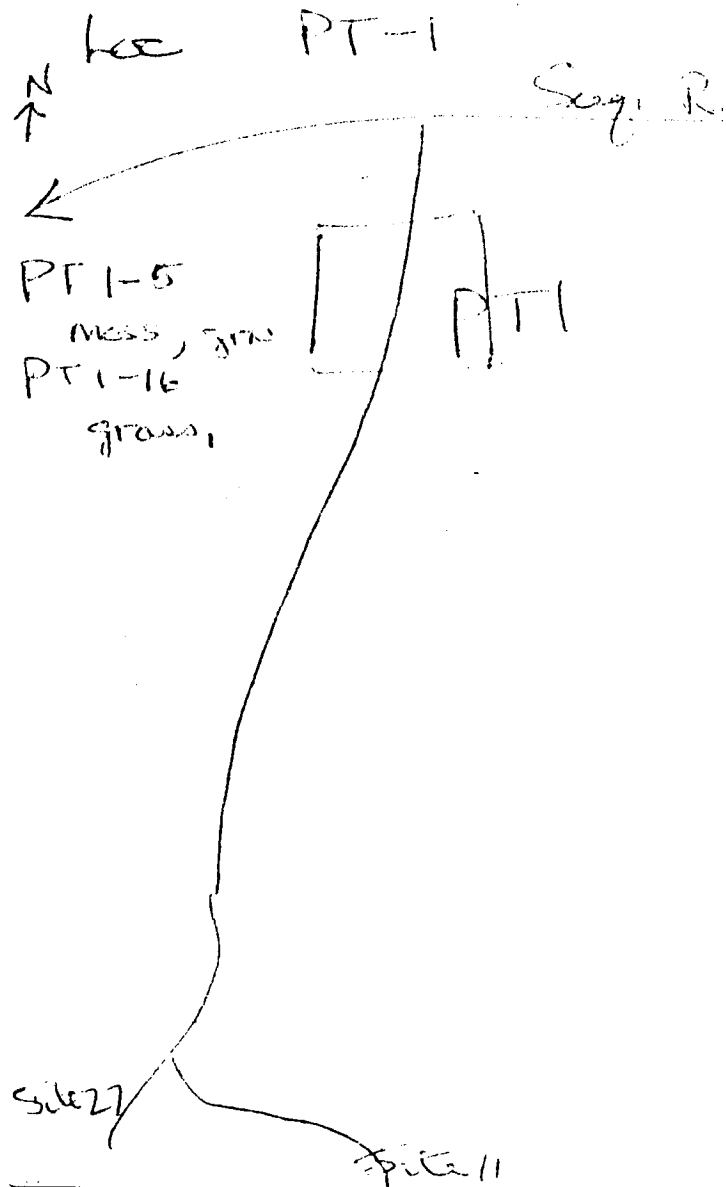
Prom
Grt
4X

Sample log number
01 - 06

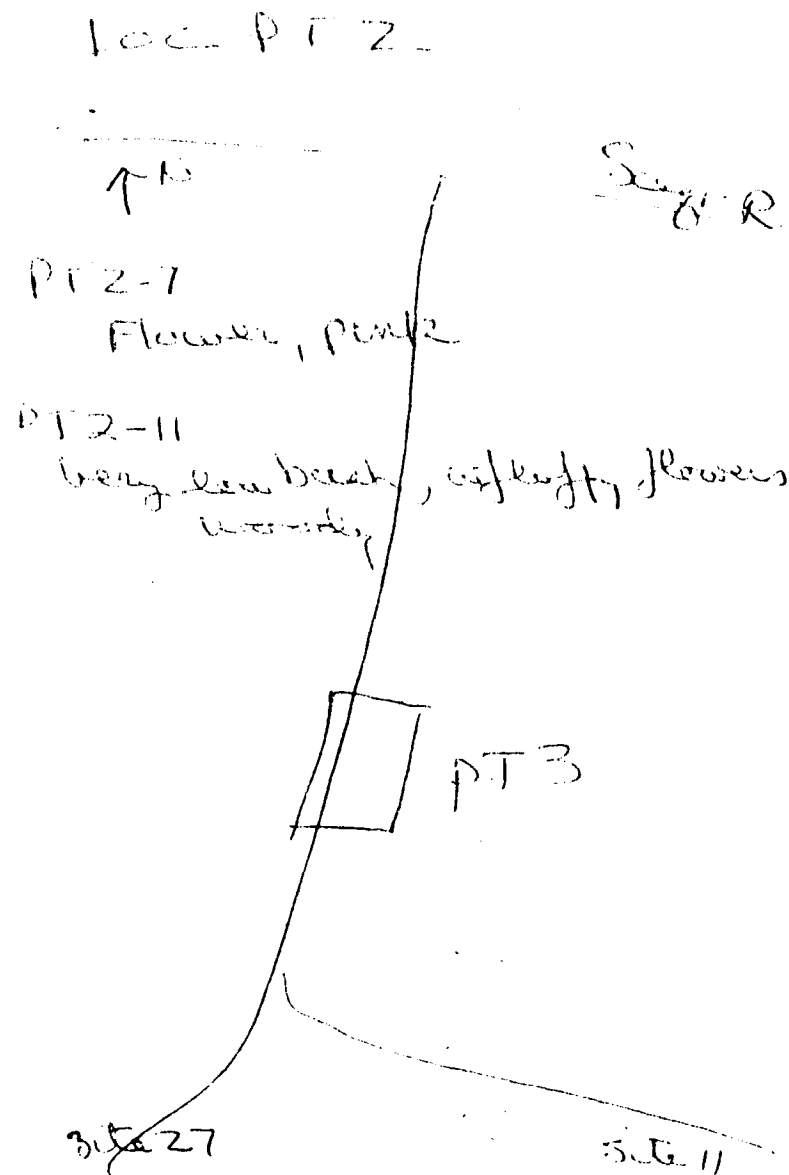
Reference number =
plant count assigned
number see pg. 22 & 23

Com

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120



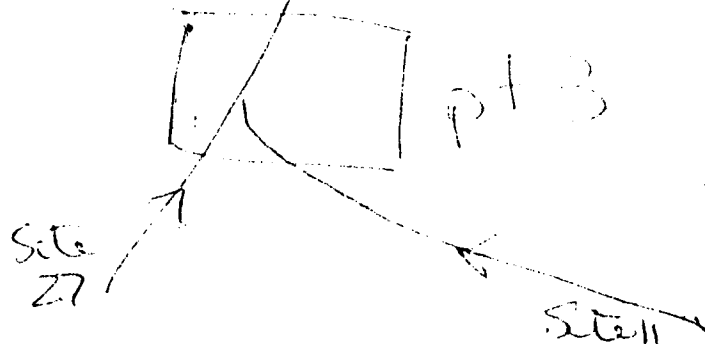
USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120



USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

pt 3 - Location Sample

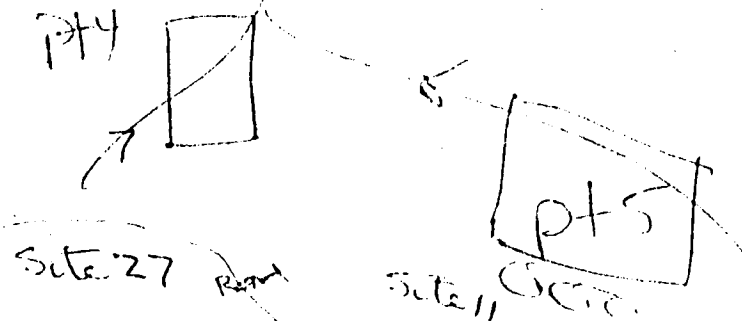
< N
PT 3-2
lichen, yellow
PT 3-3
lichen, white, straw like
PT 3-8
Flowers, Blue
PT 3-17
Grass 2 age



USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Point - Location
Sample

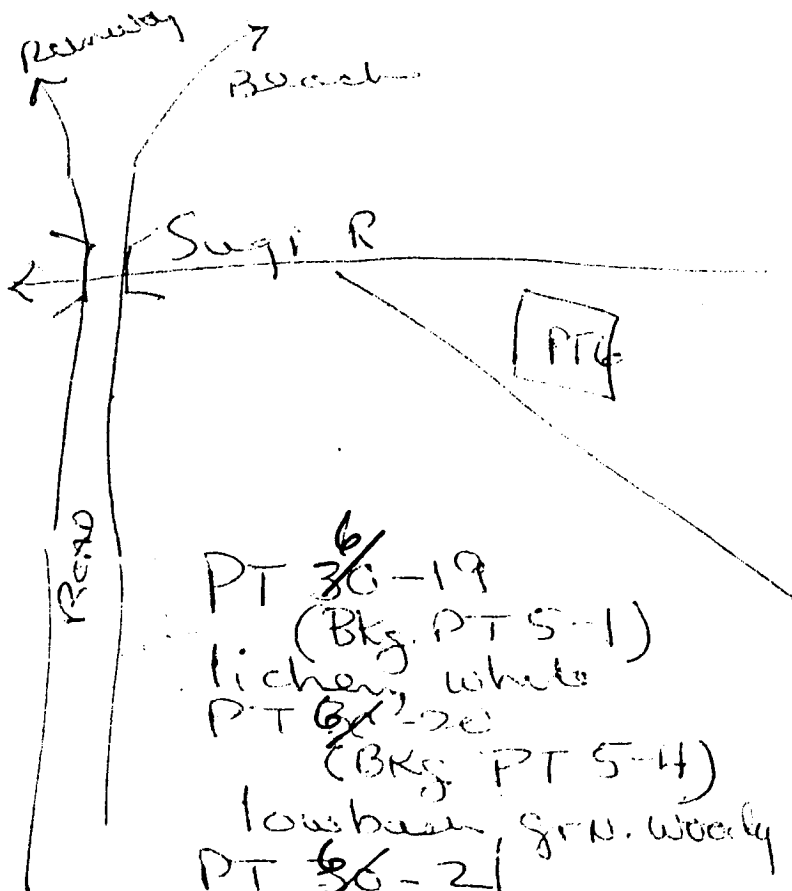
N
pt 4-6
moss, bright green
pt 4-18
grass, 2 age
PT 5-1
lichen, white
PT 5-7
Flowers, yellow
PT 5-10
lichen, Black
PT 5-12
Grass, second year
PT 5-13
Cactus like
PT 5-4
low woody bush, green
Dennis



USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

Bgm

PT 6 - Background 30



PT ⁶30-19
(Bkg. PT 5-1)
lichen, white
PT ⁶30-20
(Bkg. PT 5-4)
low bush, grn. woolly
PT ⁶30-21
(Bkg. 5-12)
green, succulent
Bgm

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

Bgm

B-T-01
Prepared CofC
For archive Sample
for Enri
Delivered to Enri.
Field Report / notes
Completed.

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

2001
Trip 2

Base Sampling
Effort

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-17-01
0800 left FOX, arrived
AIA
0920 left AIA
1210 arrived NEC
1315 left NOME
with six MW
880 # cargo &
six cars baggage
150# for Nugget
1410 arrived NEC
Completed Safety Briefing
Sorted stored
equipment in
Corrux
Rm. 17 (Office / Bags Rm.)
Prepared bottles for
CS 1 & 2
Reviewed ATV Safety
with all; Schmitt
Benn

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-17-01 compared initial
operator trng.

ONLY ATV - NO ME Rental.

Spoke with Floyd he
will go with COE fishers
starting 7am 8-18-01
Spoke with Harry Barrett
COE - he wants to use
Floyd since he actual
has fished there steams
recently (last few days)

7030 End -

12.5 HRS

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-18-01

0700 Safety meeting of NC
Floyd Kimekuk Jr.
Carl Pelowick Jr. on
site for bear watch
Floyd will assist
fishing part (meat)
and Carl will go with
Gordy (COE). MWA
provided helmets & vests
for both
MWA had 4-55 gal drums fuel.
2-55 gal. drums have
been used by NC to this
date.

ATV (3) & 1 trailer provided
by Toole family.

0730 Complete Safety &
daily task meeting

BPM

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

Bgm

8-18-01

Prepared sample
sets CS 3-6 and PID
Calculated @ 100 ppm.

Site 6 - TP 6-1
TP 6-2
SD 116
SD 117

1030 at site 6
Nugget SK60 - backhoe
Julian In operation

Collected OINEOG TP 101

LAB → 4' Screen PID 107.
5.3' Screen PID 37.0

at 5.3.

Collected 53 bgs for

LAB sample @ 1100
(Ari) DRO/RRO, TOC
ms/msd

(SAS) PA @ 1110 DRO/RRO
OINEOG TP 301

Bgm

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

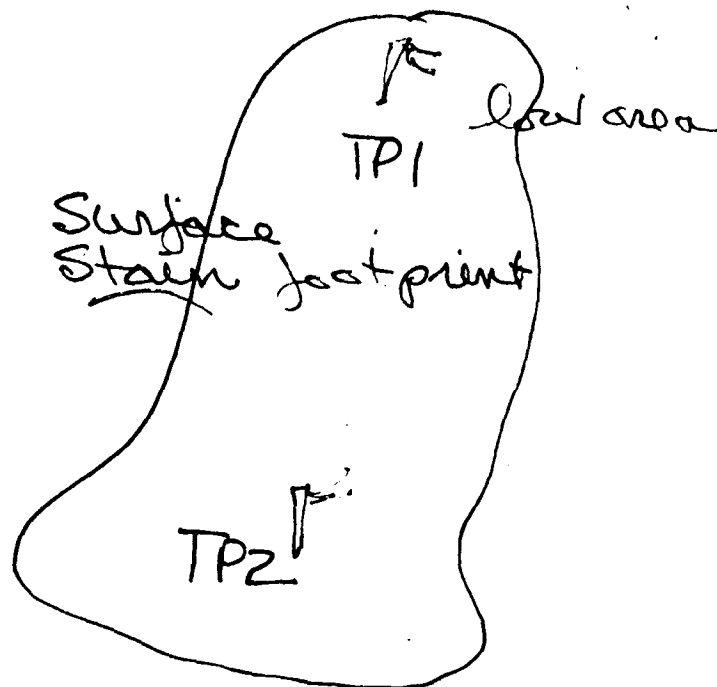
Bgm

8-18-01

(Ari)
OINEOG TP 201
DRO/RRO @ 1105

Site 6

N
↑

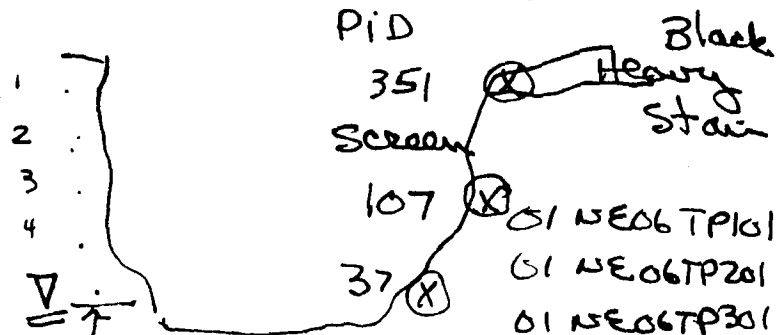


Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Bgm 8-18-01

Site 6
TPT - Test Pit 6-1



Large angular broken rock mixed with sandy yellow brown soil.

95/5%

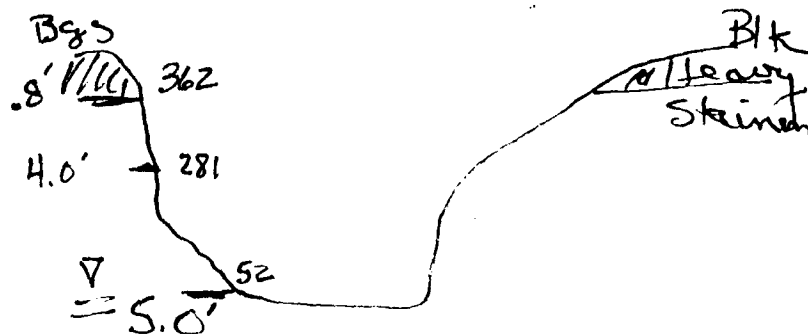
moist to wet

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Bgm 8-18-01

Site 6
TPT - Test Pit 6-2



Lab sample @ 5.0'
01 NE06 TP 102 @ 1200
Dro/Rro, Toc

Fill
Large angular, broken, rock 95%
Sandy, yellow brown 5%
moist to wet

Bgm

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

Bgr

8-18-01 Site 6
Returned to camp, prepared
CofC and bottles for
shipping and gathered
bottles for SD/SS samples
at Site 6.

Return for Site 6 - SD sampling
The ephemeral pond on
the north side has been
reduced to 30' x 60',
exposing broken rock, no
sediment was found.

A small low area which
was a surface water drainage
from the drum area to
the pond was sampled.

LAB ID. No odor, no sheen

O1 NE 06 SD 116

@ 1600

little soil was found; it (99%)
was feat. Grad Betx needed
20ml. to cover 10 g. soil.
MECH

Bgr

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

8-18-01 surface
Drainage
historical pond
footprint

O1 NE 06
SD 116

Drum
Field

pond 2001

Site 6

Cargo
beach
Road

O1 NE 06
SD 117
@ 1630



MW6-1

Destroyed
(dry this date)

Bgr

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

8-18-01

Site 6 @ 1630 collected
OINEOG SD117

DRO/RRO, qro, Beta, PCB,
TAL metals

in drainage leading from
E. end of fill, to sm. pond
which drained to ocean,
running along Cargo beach
road.

5" of organic over
rocky/silty sand
(75% / 10/15). Sample collected
from silty sand zone 8" bps.

No odor, no sheen
No sheen seen in pond
when sediment broken.

69% wt 10 ml. MEOT
Return to camp prepared
samples for shipping.

Bgm

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

8-18-01

1900 Took Johann & Eileen
to main site for tour.
Completed reports.

End @

2030 = 13.5 hrs.

Bgm

ATV: Eugene
Marvin
Michael
Norme Randal

Tel: Eugene

Floyd 0700 - 2000 15 hrs

Carl 0700 - 1700 10 hrs

Back to Operator 1. hr
Julian Jan

Bgm

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120 57^W 8-19-01

0730 Complete daily safety
meeting & task planning
Nugget is not working today
0830 Floyd & Carl on-site
very concerned with lack
of large fish being caught -
or not caught.

Per Bill 2 have been looked
but lost.

Track to burner.

930 Prepare for sampling
Sw/SD @ Site 7

Cal. Equipment	STD.	Read
Turb. 2100P	52	51.9
pH Beckman 11	4.7	4.7
C-S-T YSI 33	1413	1399
De 700 (DG)	Zero	0
	100 %	100 %

Will use Nugget ATV
Eugene off today.

Bgm

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120 Bgm 8-19-01

1100 at Site 7 -

congo beach road

MW
⊗ No longer usable, jacked
out by protective casing

Site 7

01 NET SS 127
@ 1145

PID = 31

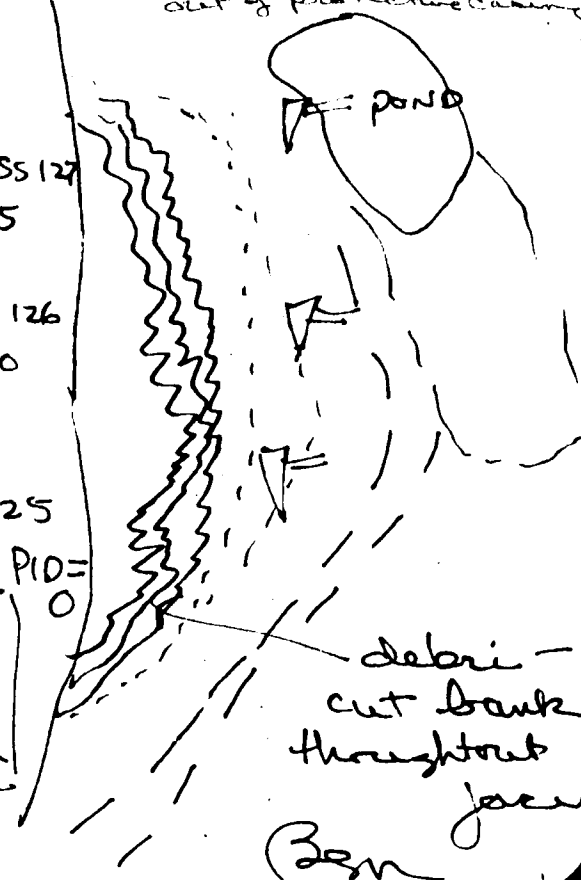
01 NET SS 126
@ 1130

PID = 21

01 NET SS 125
@ 1115 PID = 0

DRO/RRO
VOC
PCB
PAH sim

ALL



USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

See
insert
pg 53
Bgm
8-19-01

Surface Soil Sample @ 1130

01 NE 07 SS 126

collect 0-.5' bgs
of S.S. spoon (disposable)

PID Reading = 27 ppm

Dark red, moist
med. sand, most particles

Mix: Sampled for:

DRO/RRO, VOC, PAH, PCB

TAL metals; 10mg in 10 ml MeOH

Surface Soil Sample @ 1145

01 NE 07 SS 127 collected

0-.5' bgs of deep. SS. spoon
PID Reading 31 ppm

Moist med to fine dark brown
reddish, highly organic with
plant looks. DRO/RRO, VOC, PAH
PCB, TAL metals; 10 mg soil in 10 ml MeOH

1215 Return to camp; place
samples in cooler.

Prepare for SW/SO at Site 7

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Bgm
8-19-01

Insert pg. 52

Surface Soil Sample collected at
1115; 01 NE 07 SS 125 with
new disp. S.S. spoon; 0-0.5'
bgs. PID Reading 0 ppm.
Dark red, moist gravel (rocks)
w/ sandy silt; most particles
mixed in. Collected soil for
DRO/RRO, VOC (10 ml MeOH w/ 10g
soil) PAH, PCB, TAL metals.

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 Bgm 8-19-01

1300 arrived Site 7, N. side
small pond intersecting with
landfill debris; pond is $\frac{1}{3}$
original surface area; rock
bottom, very little sediment
small patches of water grasses
surrounded by mud
collected SW w/ new deep teflon
dipper; water depth est. 1-1.5'
sample - collect off surface
clear, no sheen, no odor;

1330 01 NE 07 SW 104

DDE/PCP/gro/Bely, voc, pah, pcb
metals tal; collected after.

ISO measurements completed.

DO 10.2 mg/l

Turb 22.1

Redox -6.8

pH 7.21

Temp. 8.0°C

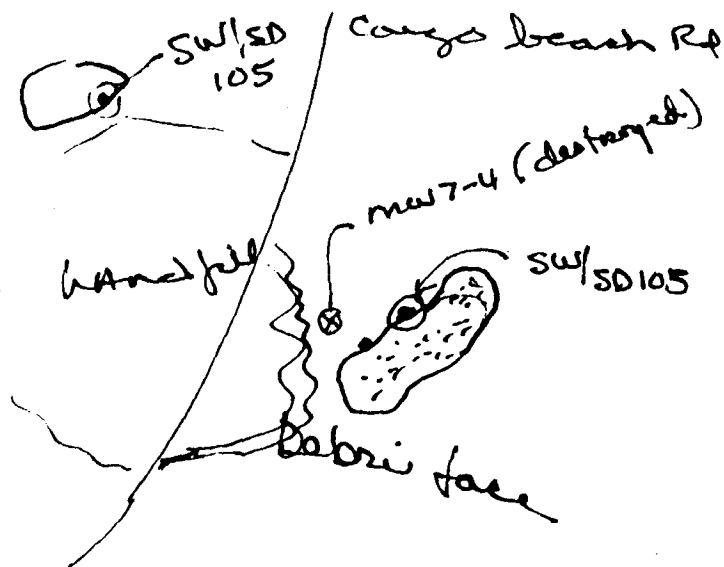
Cond. (EC) 401 $\mu\text{mhos/cm}$

1335 leave camp

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-19-01
Site 7



Travel to S. side

MW 7-4 jacked out casing 25'
pond much smaller than
former years.

Selected area where drainage
from landfill enters pond.
Pond covered with grasses
& plants.

Only 0.5' deep; bottom
heavy organic & silts.

Bgm

USACOE
Northeast Cape, St.. Lawrence Is. 8-19-01
1850574.260120 Bgm

Collected SW at surface
67 diop. teflon bailer; will de
voc, Beta, gro
Dre/ro, pH, PCB, metals
@ 1500. OINE OT SW 105

WQ Parameters

DO ~~10.2~~ ^{BSM} mg/l 12.6

Turb 149

Redox 4.5

pH 7.84

Temp 6.2

EC 505

SD collected @ 1530

W/ S.S. drip spoon

Brown silty sand, lachs
throughout (4.5")

OINE SD OT SD 105

Bgm

primary

Dre/ro, gro/ro, voc, pH, PCB.
Back to camp to pack
for shipping @ 1730

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 Bgm

1930 Fire Alarm exercise
1945 Prepare 15 coolers for
primary lab and
2 coolers for PH
Daily Report
End 2230 - 14 Hrs

ATV Minum, Michael, Nag.
Trl. Eugene

Beer water

Fryd 800 - 1800

Caul Jr 800 - 1800

Bgm

USACOE
Northeast Cape, St. Lawrence Is. 8-20-01
1850574.260120 Bgm

0700 Safety mtg. Nugget
0715 Safety mtg. mwt,
Daily task mtg. -
Pack & ship 15 primary lab
+ 2 QA coolers
Cdc's Signed

0800 Called Bering
Will charter King air
for diff. cost of NTH -
Nugget had coming
1000 moved coolers to
runway -

complete reports
faxed Cdc's to Anch
Becky to Fax to Labs.

1115 FAX complete

Called Anch-1 Confirm
all Rep. rec'd & will
give to Jane W.

0920 Bering air arrives
coolers loaded

1230 Called AKAH NOME
Bgm

USACOE
Northeast Cape, St. Lawrence Is. 8-20-01
1850574.260120 Bgm

to confirm PRI PIK (15)
goldstreaks (2) are on the
way.

Prepare bottle sets.
Cleaned up off spec bulwice
Bill bumper in 3 - large 15-18"
Dolly's.

1430 At Site 16 - to confirm
Existing run 16-1, 2, 3 have
GW before labeling bottles
bps. PVC DT PVC steel
16-1 13.6 16.7 17.02
steel stickup 3.25' abs
16-2 unable to open, well
need wrench

16-3 13.85 17.27 17.45
steel stickup 2.81

1600

Stop at Site 35 - PT 5
pick 9 oz Barrier. & plant.
LAB ID. 01NE 28 PT 5 107 @ 1530
CROW, pugung nag

Bgm

USACOE
Northeast Cape, St.. Lawrence Is. *Bgm*
1850574.260120

8-20-01

1700 Return to camp, make
up sample sets

- Bill, HAS, say there should
be an OSHA officer on site
the end of week.

Call Jane need a few
things -

4 Bx ZIP Locks, lg.	4-Bx. 4
6 Bx-Tape, 4 nl.	gloves, small
6 Bottles -	Eye wash
1 roll each -	Stickers

↑↑; Jugile

Call Rich, leave message if
we can send stuff with his
charter Wed. Ask him to
leave message at mw.

Eileen &
Doug need field copies of
medical q, 40-hr., 8 hr
resp. fit test.

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120 8-20-01

1830 Packing bottles, making ice

2100 Start daily report.

2200 End. Day 15 hrs

Bgm

Bear watch, Floyd

0700 - 2130 14.5 hr

1. ATV Eugene w/ Trailer
2. ATV Michael
3. ATV Miriam

King air - \$ but NAJ & King
- CROW ~~BERRIER~~
NATIVE name
"puhkhung ha"
TO CAS, PAH, PCB, metals

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

30m
8-21-01

0700 Safety Mtg. Nugget
0715 Safety Mtg. Mutt
Prepare Sample Set

0800 Call Anch-1
Reg'd ① Doc DP & Eileen
to be FAX

② MSDS
Confirmed coolers arrived
Seattle - 2/15 (flight 10)

Prepare Samples; completed
Sample Counts, Sample
Plan check list -

Set up fuel delivery area
Trash to burner; ice
making

1200-1220 Lunch
Prepared bottles; Fish Complete
Site 29 completed
Packed Coolers
Set up MSDS binder
2120 End Day.

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

30m 8-21-01

ATV
#2 Eugene
#3 Miriam
#4 Michael
Trailer

15.4
1

Bear Walich
700-1430
7.5 Hrs
Bill of Fish
700-1600
& prepare - The

30m

USACOE
Northeast Cape, St. Lawrence Is. 8-22-01
1850574.260120 *Bgm*

0700 Wind 48-50 mph
 Gusts 57 mph. Safety mtg.
 Will not sample. Bell help
 Fish. Nugget also down.
 Prepared coolers for
 sampling & shipping.
 1530 Try to sample
 9-109. Safety meeting (2nd)
 RAIN w/ 40 mph. Call
 back Melissa & Bill.
 Unsafe conditions.
 1900 Clear, no wind
 Call Bering they will be in
 @ 2100 to pick up coolers
 pack: 15 primary
 2 QA
 2 CAS-Fish & plants.
 Bering arrives
 @ Bell DP, & I load plan
 Start ice marking, clean
 up bottles & coolers
 which were in wind
 storm.
 Bgm

USACOE
Northeast Cape, St. Lawrence Is. 8-22-01
1850574.260120

Equipment & coolers full
 water - start drying out
 stuff. Throw away tools
 gloves & baggies.

End. 2230. 15.5 hrs

ATV St. Marium, Michael
 rental
 Thls. Eugene, rental
 Bear watch 4 hrs - Floyd
 Field Fish Mats

1 - NATJ. 1 - P

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

0700 Safety mtg w/ Nugget
0715 mtg - complete
daily safety & planning mtg
Reviewed time sheets, field
notes, and field forms.
~~straighten up~~ ~~up~~ ~~up~~ ~~up~~
and storage for COE visit
1015 Lisa, Rich, & Gerald arrive
Spoke with Lisa about fish
samples. All collected & shipped
to CAS (2 coolers). She seems happy.
She will take other fish
& "special" water & sediment
samples. COE completed
& cooler packed for 1700
departure.

Doug, Bill, & Floyd went to Top Camp
Melissa & Johanna went to Site 16
Eileen & Johanna prepare
ship bottles
I prepared sampling bottles

Bgon

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-23-01
Bgon
1115 Tracked
GoPRI to SEA
to ARI 27541135
Plu @ 825, 8-23

to CAS arriving PPA
@ 9:30 pm on 8/22

17204600 & 17204596
to Sound

17204692

17204541

FAX info to Anch

1410 Bruce arrives

Completed Safety briefing
ATV driver training.

I went w/ him to all
sites except 24 & 25

Floyd & Dp went to 33 & 34
w/ Bruce.

He thinks he will be
able to leave w/ Eileen
8-24-01 Friday.

Bgon

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Bgm

8-23-01

1700 at mob, Prepared also
sample sets

1900 Bill w/ Bruce to site

Got grocery order for
Marie to ship out

8-24-01

Prepared coolers for
8-24 - Ship out

7- GO PRI (ARI)
27541080

2- Sound
GS

17204342

Filed Notice to Anchor for
refax to Labs.

Prepared ice coolers,
and completed
sample sets.

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Bgm

8-23-01

CSHA compliance officer
on site.

COE on-site (Cd. P)

Review of training doc & mss
completed. No cited.

Viewed work areas, No comment.

Fri day

8-24-01

0700 Safety mtg Nugget

0715 Safety mtg - mtg

Prep for WP. Brewer,
Doug & Floyd to site 31, 24, 25
Shipped 9 coolers.

Eileen & Bruce will leave
at 1600 with Bering.

~~1100 Bruce & Floyd leave~~

Visit Tap River, Lagoon, &
Sax river.

Review sample counts vs
regimental w/ Eileen.

Bkg (site 30) complete
(except WP's), site 21.

1400 Doug starts screening (PCB)

1600 Beringair - on site

1630 Beringair off to Nome

1645 confirm w/ Don Meliken
in Nome, will be out 8-26-01

1 pm. flight

Prepared field notes.

Floyd off 1600-1830.

Bgm

1830 Doug & Floyd to site
31/32 & 14. to collect
lab samples from screen
results.

Cont. the ice & bottle
prep.

Daily Report completed

End day. 2230.

Doug not returned.
Call on radio, OK still
working @ site 32.

A

Bgm

Nec Coe
8-25-01 Sat
0700 Safety mtg. - Nugget
0715 Safety mtg.

Plan for today
Doug & Belu will install
well pt Melissa will
collect WP parameter info.
I will collect samples
Johanna will process
samples and prepare
coolers for shipping

load freezers with unfrozen
ice

prepare equipment
Cool, no wind = Bugs
940 (See note pg. 76)
Arrive at Site 3
Collect samples WP 2, 3, 4
(see pg. 73)

move to Site 4
1500 Melissa not feeling well
Reaction on mosquito bite.

Born

Sampling 8-25-01
WP Site 3, 4, 6 (part)
See Melissa notes for WP info
8-25-01 - Dro/Reo only
Loc WP Sample ID @ Time

3-2	01 NE 03 WP 102	DIS
3-3	01 NE 03 WP 103	1045
3-4	01 NE 03 WP 104	
Stickup	2.5' ∇ 4.02 bte	D _T 6.27'

All Site 3 = Dro/Reo

8-25-01

4-2	01 NE 04 WP 102	1200
Stickup	3.32' 4.50 bte	D _T 6.25'
4-3	01 NE 04 WP 103	1345
	∇ 3.45' bte	D _T 6.35'

4-4	01 NE 04 WP 104	1500
Stickup	3.26' ∇ 3.49 bte	D _T 6.25'

ALL Site 4 = Dro/Reo

@ 30-1	01 NE 30 WP 101	1600
Stickup	∇ bte	D _T

Dro/Reo, Vg, ord, PCB, metal, natural nitri.
WP 6-3 01 NE 06 WP 103 1700
Stickup 2.03' ∇ bte D
Dro/Reo, metals, = grs/Reo, T PCB

Born

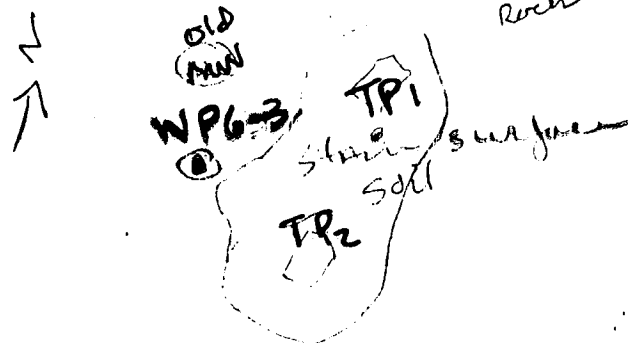
USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120

Boon 8-25-01

WP 6-2
Site 6

WP 6-1, 2, 3
Locations

rocks
WP 6-1 (Day)
Rock



stained soil

large beach

Boon N
↑

8-25-01 measurements only

WP 6-1
stickup 2' 3.2' b.c.t 3.3' b.c.
WP 6-2
2.31' 6.2' DT 6.0' b.c.
stickup 2.5' BToc BToc

WP 6-1 was attempted
3 times each. Dry resulted
in refusal & destroying well
but materials moving all extra
screens.

1800 return to camp
1830 prepare samples for
shipping
Clean equipment used today
Pack for 8-26 work
Well point installation.
2200 end day.

15 Hz.
4 ATU 2 TRL
Q air

Boon

USACOE
Northeast Cape, St. Lawrence Is.

N 8-26-01 C 3M 1850574.260120

0700 Nugget safety
0715 must safety & daily
planning.

Bob & Doug start sampling
at Site 9.

Melissa to complete
water levels & collect
parameters. (top note for 8/25)
New PSI-9C meter failed
to work after mile to
Site 3.

It was operational during
Calibration by Melissa.

Melissa back to camp.
Colleen doesn't know how
to operate PSI 33 See
directions on back. Turn
on - wait 5 min for warmup
red line will read

3M

8-26-01
0930 MW9-4 3-Constructed 1994
seal tight, PVC jacked

5.71' b PVC
11.21' DT

Struck up 4.24' PVC
Water very salty, lt. brn.



USACOE

Northeast Cape, St. Lawrence Is.

1850574.260120

8-26-01

Sta 6

WP 6-1 - dry

I collected a SW from pond N. of site

DRO/RES collected @

1100 01 NE 06 SW 116

very tight silt

1200 WP 9-103; ~~WP 9-103~~ ~~only able to collect~~ 360 ml. then

Dry; No recovery within 15 min

1240 collected 500 ml. -

dry again

1300 collected ~~from~~ water from WP 9-103

1315 collected water from pond - 25' E. of WP 9-3

New replace sample set as

01 NE 09 SW 112

for DRO/RES, PAH, PCB, gro, VOC.

Bgm

USACOE

Northeast Cape, St. Lawrence Is.

1850574.260120

8-26-01

Note from Bell

lost 104 - water in 1.5 hr
to fill some bottles after
collected sample dry
against light silt water
collected sample in pond
on 11 SW

1115 01 NE 09 SW 111

DRO/RES, gro, VOC, PCB, PAH
metals

by Bell

1445 Bering air on site (NAJ)
both Don Mulligan (Sturgeon)
Sundys stuff

Doug, J. Lawrence, Melissa

prepare to leave

14 cockles being shipped

to person donated to 225th

including body

1530 Doug & J. Lawrence

ready, help load out

1615 Melissa ready -

log leaving

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-26-01

1620 Boring leaves
Reviews safety & comp
rules w/ Don
Reviews site location pbs
Provides copy of completed
maps of all sites
Caul (Bear Watch) ready
at 1600; asked to standby
Don ready at 1830 Bell
& Caul accomp. to site
4/25, lower life, 31 & 32.

2130 Team returns
Complete prep of 6 of 8
coolers for Mon shipping
2230 End day

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-26-01
B, m

14 coolers out 8-26-01
11. Prun
2 QA
1 COE

Bear watch - Caul
1600 - 2130

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-27-01

1000 Nugget briefing
1200 Safety mtg
Don, Bill, Floyd to Top Camp
I started sorting equipment
AWC, Cam, & to stay for
Sept. work.
Shipped 8 coolers to PRIM.
FAXed to Arch CofC

Continued to pack equipment.

1300

Floyd & Don to do DB & Sug. P.
to Lagoon

Bill continuing sampling
Site 9 & 1.

1900 Bill & Don to site 16 & 21

2140 Back

2200 End

Chg start time to 730
because of lighting.

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-28-01

700 Fire drill

730 Nugget Safety mtg

800 Safety mtg

Don & Floyd continue

~~working~~ Site 3, 4, 7, & 9

Bill continue to sample

I continue to pack,

Prepare 6 coolers for
shipping w/ Nugget pm

Packed & inventoried all
equipment to stay; Ice (2 bx)

in camp freezer, stuff in RM
17, & coolers with ice outside

1430 Bill & I start vehicle

& 2001 work & evaluate
Sandpile Site 7

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Bgm

8-28-01
Site 7 -

little veg. cover on main
site but debris sticking out
holes occur.

The north toe exposed
of large metal debris;
airplane, vehicle body
East side, wall of debris
Nugget started removal
filled quota & stopped.

This area has most exposed
debris and soil; eroded
capacity high

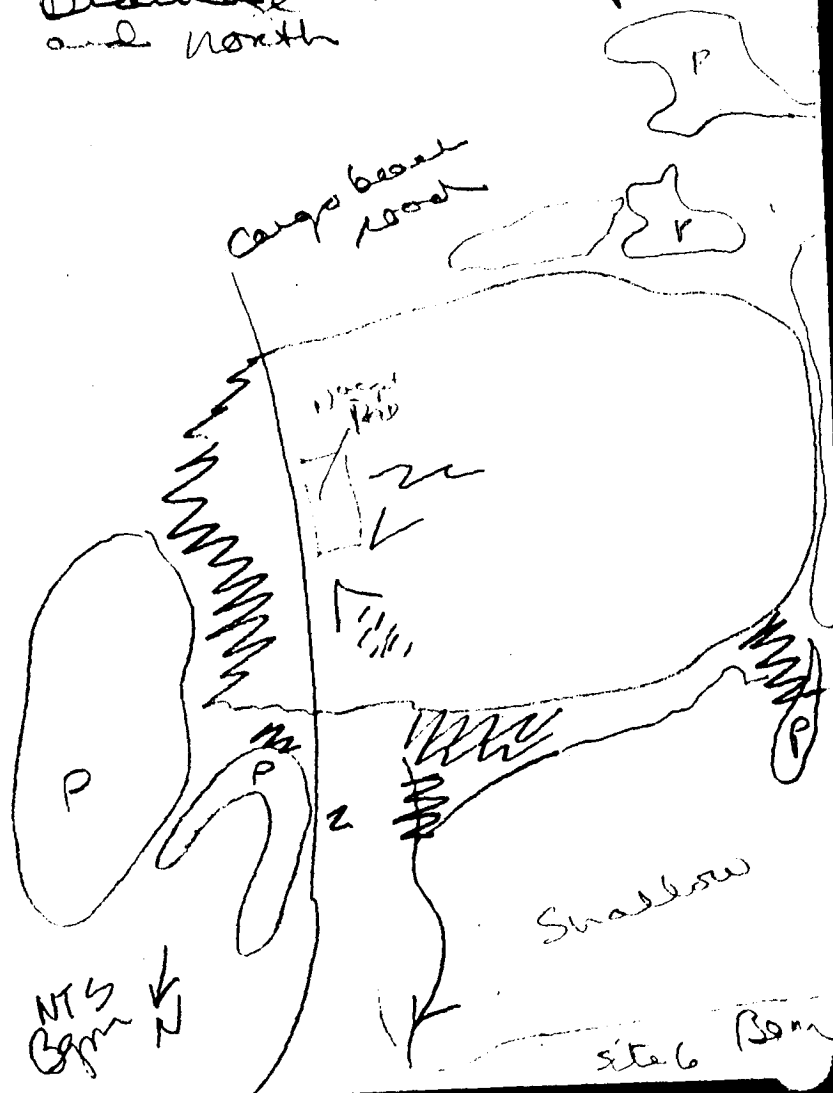
This directly linked to a
surface

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Bgm

8-28-01

Diagrams to east pond
and north

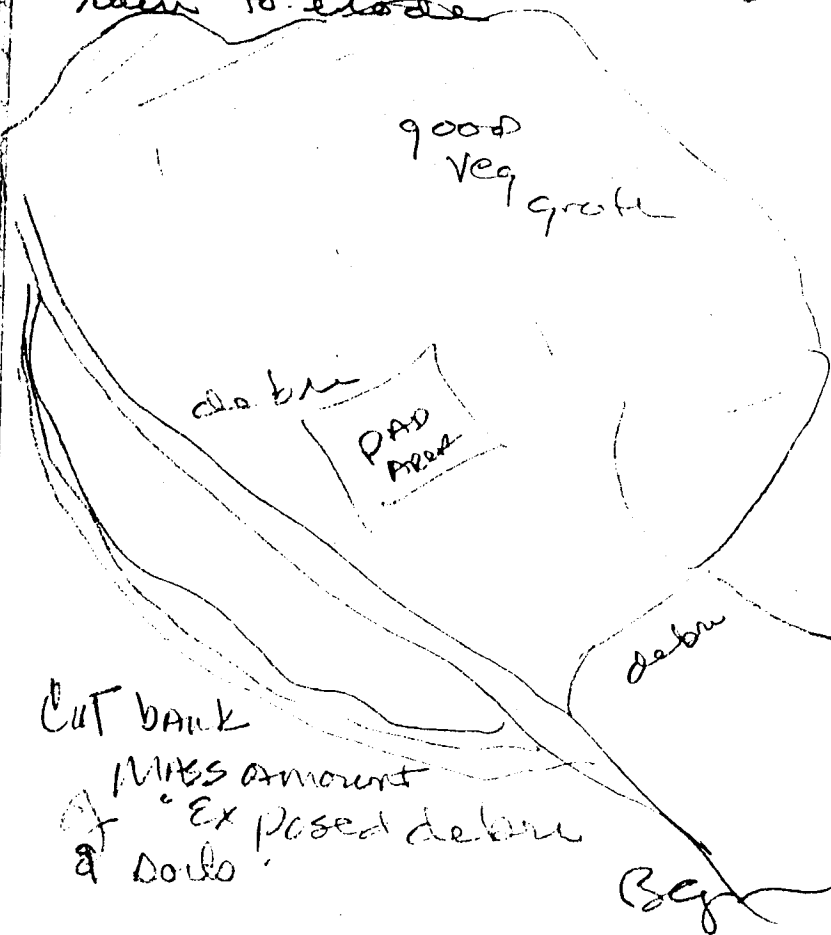


USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-28-01

Site 7

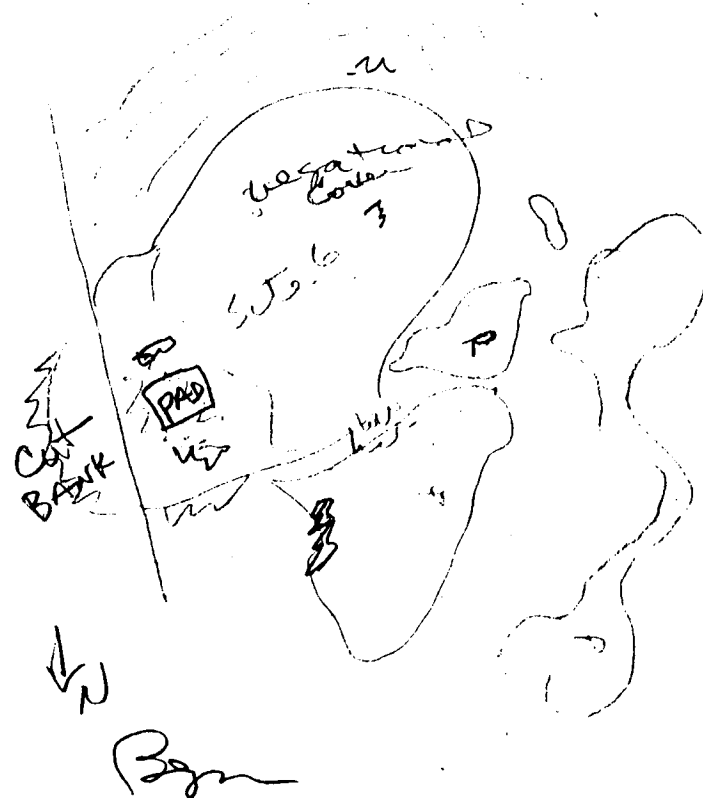
Nugget removed the
exposed drums, leaving
drum size holes, allowing
rain to seep



USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

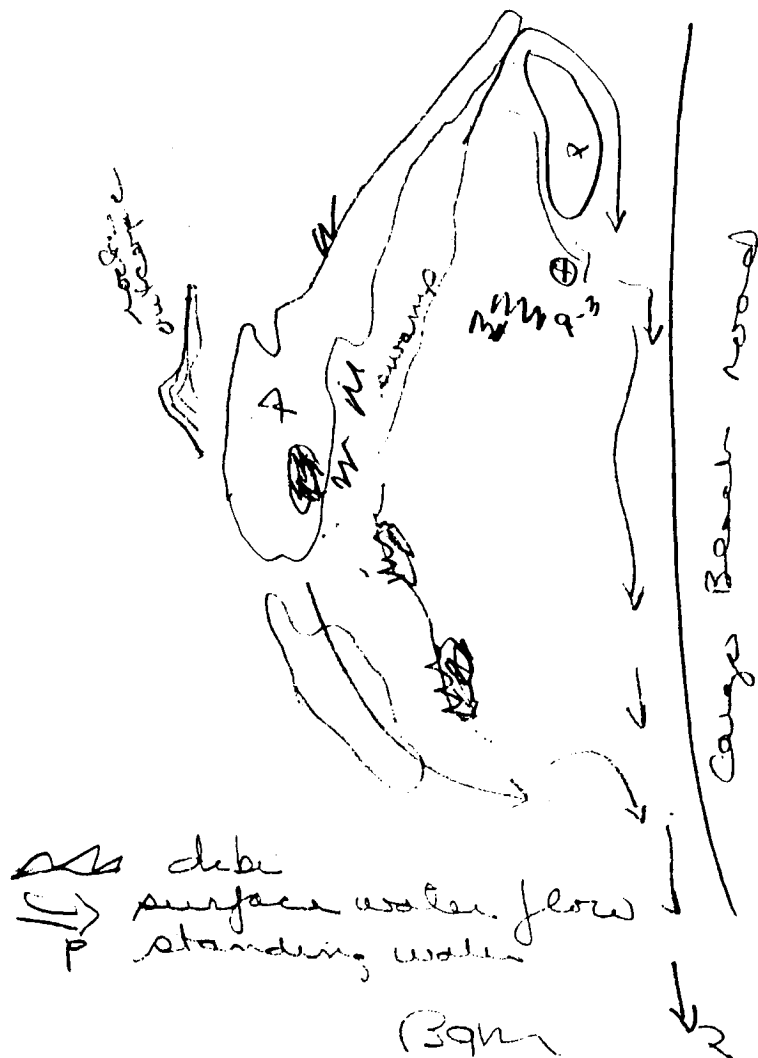
8-28-01 Site 7

South side well covered
little debris showing; well
veg; exposed soils on east
cut and on top (pad area).
Nugget removing Exposed batteries.



USACOE
Northeast Cape, St.. Lawrence Is. 8-28-01
1850574.260120
1620

Site 9



USACOE
Northeast Cape, St.. Lawrence Is. 8-28-01
1850574.260120
1630

Site 9

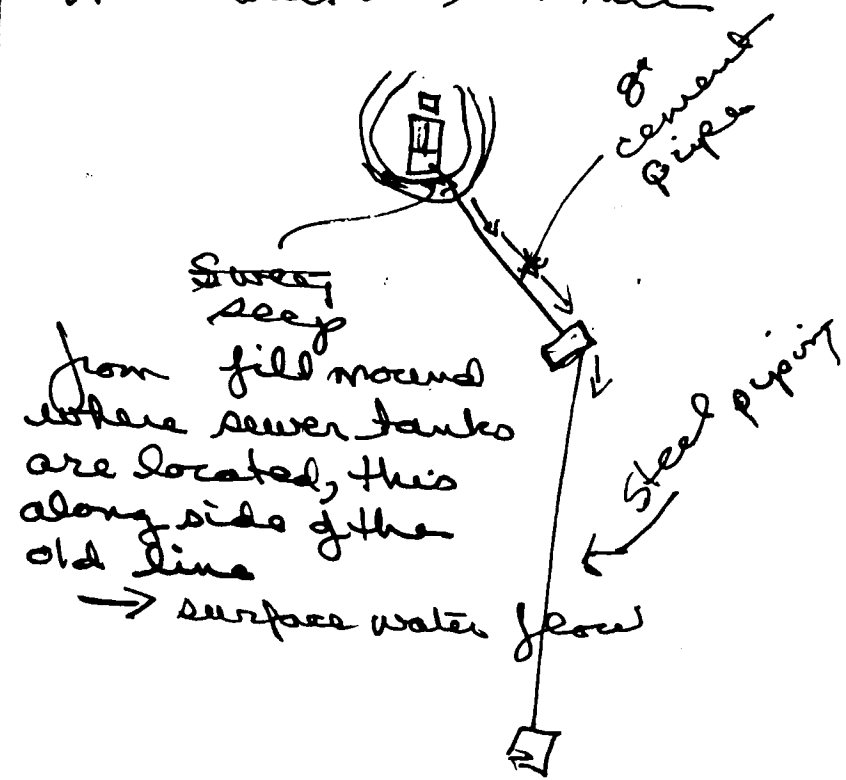
rocky, veg cover; Swamp,
MOST exposed debris near
water bodies or on mud rocky
areas;
good veg growth... no exposed
soils, stable toppling.
Bill took video & I took
still photos
Don't do complete site survey
We started video
of remaining sites were
sampling occurred in 2007

DEC
8-28-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Site 2

The first run of outfall piping
is cement (con) 8" runs
into 16" steel as last run



Bgm

DEC
8-28-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Completed near Watch and
ATV rental accounting.
for Eugene and Floyd.
Bande had NAJ today -
phones baby \$ mcd.

End 2100

Bgm

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

NEC
8-29-01 --- in rugged area
0900 mWA Safety
Floyd arrives to establish
Bill to site 24/25, 31 & 32
Dan to complete survey
for Sandia (pipe removal
sampling location of
Site 36)

Complete packing drain
gas from rental ATV
Washed both trailers
Called Pat @ Morgan Sab
that ATV & truck should be
in Nome Thurs. 8:30 at
Bering Air. He will call Bering
for P/u.

Call about sealed bearings
for Eugene's 400 Honda.
Unable to locate in Nome
Will get in Anch.

1620 Bill & Floyd back
Completed time accounting

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

NEC 8-29-0
for Floyd will call back in
to confirm if mWA sands OK
directly to Floyd or to SNC.

Continued packing;
inventoried GAM stuff
all pkgs flagged w/ red
tape & labeled w/ pink add.
label.

NEC 9-01 stuff staged in
Rm 17 & S-end of Camp Bldg.

Weather still down
Charter delayed
until 6 pm

until 7 pm

arrive 7:15 pm

in Nome 8:10 pm

AK jet held, leave
Nome 8:20 pm. Arrive
Anch. 9:55.

Bgm



HORIZONTAL LINE

Waterproof Notebook
No. 691

Aug 17 - 24 2001

USACE
Northeast Cape St. Lawrence Is.
MWH 1850574.260120
Eileen Maus Chemist

4 5/8" x 7" - 48 Numbered Pages

USACOE
Northeast Cape, St.. Lawrence Is. *Aug 17 2001*
1850574.260120

8am Start of Day Mob to NEC

Leave Anch 9:20

Arrive Nome 12:30

Leave Nome $\approx$ 1:00

Arrive NEC $\approx$ 1:30

2:30 Health & Safety meeting
Camp Ops.

3:30 Unpack and Set up
Connex/for office/rooms

5:45 Dinner

Labeled and Packed
Coders for sampling at
Site 28 - Surface water bottles

8:45 END of Day

Jim *8/17/01*

USACOE
Northeast Cape, St.. Lawrence Is. *Aug 18 2001*
1850574.260120

7am Start of Day - Health & Safety ^{Meeting}
Site 28 prepared Bottles
Cross section 1-4

Site 6 prepared bottles

TP 1, 2 & SD

Site 7 Surface Soils prepared bottles
Packed Coders - Ice Samples

7pm - 8pm Tour of Sites

Started COC # @ ONEC04

Samples Collected today ~~due to~~ due to July sampling event

	DEO	PAH	REB	Pb	TOC
	REO	Sim		Br	
Site 28					

SD Samples

Primary	24	24	24	24	24
FD	2	2	2	2	0
ms/msb	2	2	2	2	0
QA	2	2	2	2	0
QA ms/msb	1	1	1	1	0

SWS Samples *prim* 2

FD	1
QA	1
ms/msb	1
QA ms/msb	1

Jim
8-18-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Aug 18 2001

Samples collected @

Site 6	Dredged	Geo	BTEX	PCBs	Tail
Primary	4	2	2	2	2
FD	1	0	0	0	0
ms/msd	1	0	0	0	0
Q4	1	0	0	0	0

sol TB (DINEOOTB101)
PAIN 8/18/01 @ 1600

Continued to prepare bottles
for sampling.

Cross sections

5-8 ready for

sampling

Site 7 SS

Ready for sampling.

9pm End of Day

8-18-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Aug 19 2001

7:30 Tail gate Safety meeting

8:00 Continued to pack coolers
and make CO₂ Tripulink
Water

12 lunch

12:30 continued to pack coolers

5:45 Dinner

6:15 Continued to pack coolers

9:30 END of Day

8-19-01

6

USACOE

Eim

8-20-01

Eileen Maus

8-20-01

7

Eileen Maus

Northeast Cape, St. Lawrence Is.

1850574.260120

Sample counts not including Site 28. Site 28 completed 8/20/01.

USACOE
Northeast Cape, St. Lawrence Is.
1850574.260120
Eim

	DRO	GRO	BTEX	VOX	PAH	PCB	TAL	Pb Cr Zn	Tox
Soil	RAO								
Primary	9	2	2	5	5	7	7	0	2
FD	1	0	0	0	0	0	0	0	0
ms/msd	1	0	0	0	0	0	0	0	0
TB	0	1	1	1	0	0	0	0	0
QA	1	0	0	0	0	0	0	0	0
QAMS/msd	0	0	0	0	0	0	0	0	0
QA TB	0	0	0	0	0	0	0	0	0

	DRO	GRO	GRO	VOX	PAH	TAL Metals	PCB
Water	RAO		BTEX				
Primary	9	2	1	2	3	3	9
FD	1	0	1	0	1	1	1
ms/msd	1	0	1	0	1	1	1
TB	0	1	0	1	0	0	0
QA	1	0	1	0	1	1	1
QAMS/msd	0	0	0	0	1	1	0
QA TB	0	0	0	0	0	0	0

Eim

Eim
8/20/01

8

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-20-01

Eileen Maw

USACOE

Northeast Cape, St.. Lawrence Is.
1850574.260120

8-20-01

Eileen Maw

7am Start of Day
Camp Safety meeting
Tail Gate safety meeting

Continue to pack coolers
for shipping.

15 coolers to AKI
60-PRI
2 cooler to SAS
Goldstreak

12 Lunch

1230 Prepare bottles
for Site 29

Water Temp blank 01NE00TB103 8/20/01
Se

5:45
~~5:30~~

Dinner

6:15 Pack coolers - cleanup
and make LOC for
today's sampling.

The weather has changed for
the better - here comes the bugs.

Site 28 Sampling is completed.
See next two pages for
Sample count Summary.

[Large handwritten signature]
8-20-01

10

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Eileen
Maus
8-20-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

Eileen
Maus 11
8-20-01

Soils SITE 28 final sample counts

Soils	DRO RRO	PAH	PCB	Pb Zn	TOC
-------	------------	-----	-----	----------	-----

Primary	71	71	71	71	71
MS/MSD	9	9	9	9	9
MS/MSD	4	4	4	4	4
TB	0	0	0	0	0

QA	9	9	9	9	0
QAMS/MSD	1	1	1	1	
QATB	0	0	0	0	0

Water DRO
RRO

6	6
1	1
1	1
0	0
1	1
1	1
0	0

Trip blanks

01WFOOTBIOT @ AOU 8/20/01 QALAB
SAS

8:30pm END of Day

[Signature]
8-20-01

[Signature]
8-20-01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-21-01
Eileen Maus

7am start of Day
Camp Health & Safety meeting
7:30 Tailgate meeting
Drink more water
8:00 Continue to prepare
sample labels - and
sample counts

10:00 - Sample shipment
made it to Seattle!

Yee haw

Trip blank primary LAB 01NEOOTB104 @ 1900
Sgtl

12:00 Lunch

12:30 Continue packing coolers
Continue prepare
sample bottles

5:45 Dinner

6:15 Clean up work area
continue to pack
coolers.

8:30 END of Day

8-21-01

USACOE

Northeast Cape, St.. Lawrence Is.
1850574.260120

8-22-01

4:30 am high winds
Shaking Camp

7am start of Day
High winds - possible
weather Day. Field
work on Hold.

Tailgate safety meeting
- high winds warning.

8:00 continued pack checking
sample counts QA/QC/MS/USD

Emm... Trip blank site 9 if weather clears
water 01NEOOTB 108 8/22 00
01NEOOTB 109 8/22 00

12:00 Lunch

12:30 Wind is causing
phone to go on and off
Trying to return Lynn's
phone call with questions
for SAS. All OK - will
Fax a revised COK when
weather clears.

5:45 Dinner

6:15 Prepare paper work for
shipment to plane
to night. 7:30

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-22-01
Eileen
Maus

PLO

7:30 continue → plane

will be here in an hour

Checking COC's for
discrepancies
and errors and samples.

Only minor discrepancies. Made

Changes - All OK. Sample

Counts to date - not including 28

Soil	DEO RRO	GEO	BTEX	UAC	PAH	Rest.	PCB	TAL metals	Pb
Primary	25	6	6	5	18	0	20	11	0
FD	3	0	0	0	2	0	2	0	0
ms/ms	3	0	0	0	2	0	2	0	0
TB	0	1	1	1	0	0	0	0	0
EB	0	0	0	0	0	0	0	0	0
QA	2	0	0	0	2	2	0	0	0
QAm/mo	0	0	0	0	0	0	0	0	0
QATB	0	0	0	0	0	0	0	0	0

[Signature]
8/22/01

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-22-01
Eileen Maus

Water	DEO	DRO RRO	GEO	GEO BTEX	UAC	SUAC	PAH	PCB	TAL metals
Prim	0	10	2	4	2	0	6	12	6
FD		1	0	1	0	0	1	1	1
ms		1	0	1	0	0	1	1	1
TB		0	1	1	1	0	0	0	0
EB		0	0	0	0	0	0	0	0
QA	0	10	2	4	0	0	1	1	1
QAm	0	0	0	0	0	0	1	0	1
QATB	0	0	0	0	0	0	0	0	0

Pb, Zn, Cr, Tl

9	10
2	0
2	0
0	0
0	0
2	0
0	0
0	0

100 coolers to primary lab ^{60 pri} shipped
1 Fish coolers cold storage
2 QA coolers hold storage

8:45 END of Day

[Signature]
8/22/01

USACCE

Northeast Cape, St.. Lawrence Is.

1850574.260120

Elev 8-23-01

Eileen Maus

7am Start of Day
 Camp Safety Meeting
 7:30 Tail Gate Safety Meeting
 8:00 Continue packing samples
 10:00 Prepare bottles for sampling
 * remember to cancelled
 - mslmsd Pb Zn Cr
 on Sample 01NE295D125

12:00 Lunch

12:30 Continue packing samples
 & preparing sample
 bottles

9:30 END of Day

Eileen Maus
 8-23-01

USACOE

Northeast Cape, St.. Lawrence Is.

1850574.260120

Elev 8-24-01

Eileen Maus

7am Start of Day
 Camp Safety Meeting
 7:15 Tail Gate safety meeting
 7:30 Continue packing
 coolers

8:00 am authorized Johanna Pre
 to Relinquish Cox

10:00 END of Day
 Arrive in Anchorage

Eileen Maus
 8-24-01

2

Location _____ Date _____

Project / Client _____

William A. O'Connell
Associate Geologist, MWH Americas

Northeast Cape, St. Lawrence Is. At.
USACE 1850574.260110
Aug. 17-29, 2001

Location _____

USACOE

Project / Client Northeast Cape, St. Lawrence Is.

1850574.260120

3

8-18-01 0745

Location #6, Site 29
Sugi. R. Lagoon

photo #1, 2

Soak time 2 1/2 hrs

No applicable catch

Trap replaced w/ larger trap 1130

8-18 0815

Location #5, Site 29

upper Sugi. R. lagoon

~ 200 yds from Bridge

photo #3 (N. of Largo beach Rd.)

Box

4

Loca

USACOE

Proje

Northeast Cape, St.. Lawrence Is.

1850574.260120

ML

8-18-01 0850

BOL

Location #1 Site 29

≈ 100 yds from lake South

photo # 4, 5, 6

Largest fish of 23

D. Varden 208 mm

≈ 12 hr. Soak

BOL

Location #1 Site 29

≈ 150 yds from lake, South

Photo #7

Set @ 0857 8-18-01

BOL

5

Location

USACOE

Project / Clier

Northeast Cape, St.. Lawrence Is.

1850574.260120

ML

8-18-01 0913

Location #2

photo #8

≈ 12 hr. Soak

2 fish D. Varden

largest 207 mm

Location #2A

Set @ 0922

Photo #9

BOL

6

USACOE

Northeast Cape, St.. Lawrence Is.

1850574.260120

see

Location #3 8-18-01 0938
 Sugi R. Site 29 $\approx$ 50 yds W. of bridge
 photo #10

1 male D. Varden $\approx$ 232 mm

Moved To

Location #34 0945-Set
 Sugi R. Site 29 $\approx$ 100 yds W. of bridge

photo #11

see

7

USACOE

Location - Northeast Cape, St.. Lawrence Is.

Project / C

1850574.260120

see

Blackfish - Site 28

photo #12

8-18-01 1007

Traps 1, 2, 3 empty

Re-set 8-18-01
 1020

Trap 4 1025 Blackfish

Photo #13 3 fish $\approx$ 100g

Trap 5, 6 blackfish $\approx$ 332g

photo #13, 14

Trap 6, 3 blackfish

$\approx$ 100g see

8

USACOE
 Location Northeast Cape, St.. Lawrence Is.
 Project 1850574.260120

60

8-18-01 1123 Site 29

D. Varden trap # 4 - Ø fish

photo # 15

photo # 16 Sugi. R. Berm

1138 Re-set trap, Location #6

1150 Set trap Location #7

photo # 17

Box

9

USACOE
 Location Northeast Cape, St.. Lawrence Is.
 Project 1850574.260120

60

1300 Travel east to Taps R.
 Lagoon Ø Fish. Sport gear
 Travel upstream 1.5 mi.
 Ø fish, sport gear

1630 Sugi. R. Lagoon
 Ø fish, Sport gear

1900 Travel West to unnamed
 river Ø fish sport gear

2200 Return to Camp

Box

USACOE

Northeast Cape, St.. Lawrence Is.

1850574.260120

BCE

8-19-01 0730

MWH Safety Meeting

0945 D. Varden trap Sug. R.

Location #1A 0 fish

Moved back to Loc. #1 Vreset 0957

1012 Location #2A

1. Resident Male, 285 mm, 200g

Sexually Mature

photo #18 2. Female, Resident, spawning

Colors 254 mm, 170g

3. Resident Male, 240 mm, 125g

Sexually Mature

4. Immature 218 mm, 100g

5. Spawning Male, 215 mm, 90g

6. Spawning Male, 207 mm, 90g

7. Immature, 208 mm, 80g

Smallest, 98 mm Total 28 fish

BCE

USACOE

Northeast Cape, St.. Lawrence Is.

1850574.260120

BCE

8-19-01

1047 Location #3A 0 fish

Reset

Location #3B, just W. of Carg

Bench rd. Bridge over Sug. R.

1056

photo #19

1119 Blackfish Location #4

Trap 4 0 fish

Trap 4a 2 fish 125 mm, 10 mm

Total wt. 40g

Location #5

Trap 5 - 8 Fish

Trap 5a - 5 Fish, 4 Blackfish

#5, 138 mm, 140 mm, 22 mm, 131 mm, 125 mm, 152 mm, 110 mm

#5a 125 mm, 115 mm, 107 mm, 145 mm

D. Varden - released Total wt. 240g

BCE

12

Loc

USACOE

Pro

Northeast Cape, St.. Lawrence Is.

1850574.260120

be

8-19-01

blackfish traps set Location #86^{loc}
traps 1-6 1146

1314 D. Varden trap
Location #5 upper Suel.
Ø Fish

Trap pulled

50 ft gillnet set at Loc #5
photo #20

1405 D. Varden Loc. #6
Ø Fish trap pulled

1409 D. Varden Loc. #7
Ø Fish trap pulled

be

13

USACOE

Northeast Cape, St.. Lawrence Is.

1850574.260120

be

8-19-01

1511 2 Traps set @
Taps. R. lagoon for Background
Sample

1533 1 Trap set upstream
from lagoon in Taps. R.

1640 - Bear guard kills reindeer
photo #21

1730 - Return to Camp.

be

USACOE

Northeast Cape, St.. Lawrence Is.

1850574.260120

60

8-20-01 0803

D. Varden Location #1

51 fish 0 keepers

21.8 sec 218mm - 82mm

Trap pulled

0827 D. Varden Location #2A

21 fish 0 keepers

222mm - 87mm

Trap pulled

0843 D. Varden Location #3B

4 Fish, 1 Keeper

1. 306mm, 300g, Female

photo #22

190mm, 198mm, 204mm released

Trap re-set 0854

Location

USACOE

Project / Cl Northeast Cape, St.. Lawrence Is.

1850574.260120

0905 8-20-01 Location #3C

Trap set Just East of Culvert

photo #23

0919 Black fish trap location

#26 sec

3 D. Varden, 137mm, 142mm, 155mm,
Released

Black fish 128mm, 124mm, 132mm,
 112mm, 119mm, 116mm, 124mm, 135mm,
 128mm, 135mm, 110mm, 128mm, 117mm, 135mm,
 133mm, 112mm, 129mm, 150mm, 102mm, 125mm,
 142mm, 138mm, 118mm, 135mm, 140mm,
 110mm, 128mm, 119mm, 122mm, 108mm,
 120mm, 82mm

32 Fish Total wt 660g.

8-20-01 0932 Site 28

End of Blackfish Sampling

Location # 5

1047 - pull gillnet, 3 D. Varden
photo #24, 251. 455 mm Male, good condition
mid-eye to fork - 418 mm 800g2. 470 mm, Male, good condition
mid-eye to fork - 430 mm 1100g3. 480 mm, Male, good condition
mid-eye to fork - 455 434 mm 1090g

8-20-01 1150

2 Traps pulled at Taps R.
lagoon, 0 Fish.1321 Taps. R. upstream
Trap, 0 Fish

All Taps. R. Traps removed.

1617 - Set Gillnet, Sevak
Lagoon

1630 - 1745

Fish Sevak lagoon w/ sport gear
0 Fish.1915 - set gillnet - Taps. R. lagoon
2000 - 4 pink salmon caught
with gillnet
(photo #26 photo #1 can. 2)

Locat

USACOE

Proje

Northeast Cape, St.. Lawrence Is.

1850574.260120

8-20-01 2015 Pink Salmon

1. Female 470mm, 988g
mid-eye to fork 4302. Male 445mm, 880g
mid-eye to fork 400mm3. Female 463mm 1140g
mid-eye to fork 434

4. Male, lesion on belly, released

BCE

Locat

USACOE

Proje

Northeast Cape, St.. Lawrence Is.

1850574.260120

BCE

8-21-01 0753

D. Varden Loc. #3B 0 Fish
Trap removed

Loc. #3C 0757

4 Fish 0 keepers

0851 Surgi. Lagoon gill net photo #2
8 Fishlength mm mid-eye to fork mm wt grams

4. Female 455 430 980

5. Female 505 470 1220

6. Female 460 428 930

7. Male 415 377 640

4 D. Vardens Taken As USACE
samples

BCE

USACOE

Northeast Cape, St.. Lawrence Is.

1850574.260120

NE

8-21-01 1022 Taps. R. Lagoon
Background Samples
D. Varden

Gillnet removed

Sex length mm. mid-eye-fort. mm. wt. g

Male #1 465 420 980

Male #2 460 420 860

Female #3 490 464 1240

1140 Sevak lagoon gillnet 0 Fish
gillnet removed.

302

USACOE

Northeast Cape, St.. Lawrence Is.

1850574.260120

60

sample #	species	Fieldbook #	Sex
01NE29FT101	D. Varden	#4	F
01NE29FT102	D. Varden	#5	F
01NE29FT103	D. Varden	#7	M
01NE29FT104	D. Varden	#6	F
01NE29FT105	D. Varden	#1	M
01NE29FT106	D. Varden	#2	M
01NE29FT107	D. Varden	#3 add. Sam.	M
01NE30FT101	D. Varden	#3	F
01NE30FT102	D. Varden	#2	M
01NE30FT103	D. Varden	#1	M
01NE30FT104	Pink	#2	M
01NE30FT105	Pink	#1	F
01NE30FT106	Pink	#3	F
01NE28FT101	Blackfish		
01NE28FT102	Blackfish		
01NE28FT103	Blackfish		

Box

22

Location NEC St. Lawrence IslandProject / Client USACE1850574, 260.120

8-22-01 0800 additional samples

Scr	length	side edge to front	Wt. g	01/02/01
1 F	450	420	860 g.	108
2 F	440	415	900	109
3 F	420	395	780	110
4 F	480	455	1090	111
5 F	520	490	1320	112
6 F	445	420	830	113
7 M	430	394	680	114
8 F	480	450	1170	115
				Box

Box

Location NEC St. Lawrence Island

23

Project / Client USACE1850574, 260120

8-25-01

Site 9, WP1, Refusal 25x
at gravel/rock surface
Surface water 110 taken
in place of WP1 at site 9

Temp °C	Cond. ^{cond.} µmhos	NTU	DO %	pH
11.0	3.0	0.9	11.0	6.8
9.0		2.27		

Analytes DRO/RRO PCB PAH,
GRO/BTEX + TAL metals

WP 9-2 8-26-01 0903

Temp °C	Cond. ^{cond.} µmhos	Turb NTU	DO %	pH
11.0	70.0	9.28	11.0	6.4
9.0				

Analytes DRO/RRO PCB PAH
GRO/BTEX + TAL metals

Box

Location NEC ST. Lawrence IS.Project / Client USACOE1850574, 260120

8-26-01 1103 Site 9 MW-3

Testing Samples

1115 Site 9

MW 102 jacked Bentonite in
Well WP 104 dry at 3 ft, 6 ft,
Adjacent SW sampled ~~LINE~~ SW 111
DRO/RRD, PAH, PCB, GRO/STex + TAL Metals

1150 Break for Lunch

1307 Continue Sampling Site 9 MW 3.

1315 Site 9 Wp 103 Dry after 24 hrs
adjacent SW sampled ~~LINE~~ SW 112
DRO/RRD, PAH, PCB, GRO/STex + TAL Metals

Temp °C	Con. Artes	Turb. NTU	P.D. mg/L	pH
7.0	30.0	1.47	11.0	7.2

JCL

Location NEC ST. Lawrence IS.Project / Client USACOE1850574, 260120

1351 Site 9 SW 111

Temp °C	Con. Artes	Turb. NTU	D.O. mg/L	pH
10.0	31.0	3.72	11.0	7.0

1406 Site 9 MW-103

Temp °C	Con. Artes	Turb. NTU	D.O. mg/L	pH
5.5	148.0	Not readable	9.7	7.1

Not readable

1430 - 1600 Load plane, Doug
MELISSA + Johanna departed

1620 Site 7, Wp 7-3

Sample for DRO/RRD, PCB, PAH
GRO/STex, TAL Metals

Bak

Location NEC ST. Lawrence Date _____Project / Client USACOE1850574, 260120

8-26-01 1845

- ① initializing survey equipment
- ② South end of Runway
- ③ North end of Runway
- ④ Counsbury LS-8535 near former Tank pads, site 28

2027 Site 248

① NE24 SW/SD 114

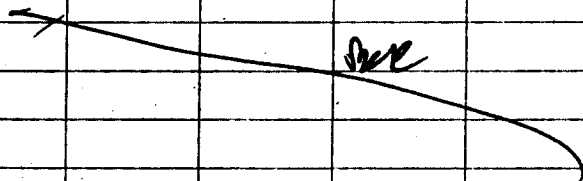
① NE24 SD 115

Reference Taken MW 24-2
and SE Corner of Receiver Bldg.

2052

① NE30 SS 103

S. of Road to Site 24

Location NEC ST. Lawrence Date _____Project / Client USACOE1850574, 260120

8-27-01 0904

① NE33 SS 101

① NE33 SS 102

① NE33 SS 103

Reference Taken At NW+NE
Corners of upper tram Terminal

0920 ① NE34 SS 103

① NE34 SS 102

① NE34 SS 101

Reference taken at URS GRID
M5-M6 1990

Top camp / Drum Dump field

0950 ① NE34 SS 101

① NE34 SS 109

① NE34 SS 108

① NE34 SS 107

① NE34 SS 106

① NE34 SS 105

Location NEC St. Lawrence Date _____Project / Client USACE1850574, 260120

P-27-01

1005 Ø1 NE34 SS 104

Reference taken at SW Corner
of upper quarters bldg.
and Re-bar/Cap URS CP-7 1990
near top of road to upper
camp.

Reference at URS CP-6 1990

Lower tram terminal site 32

1100 Ø1 NE32 SS 101

Ø1 NE32 SS 102

Ø1 NE32 SS 103

Ø1 NE32 SS 104

Ø1 NE32 SS 105

Ø1 NE³² SS 122Ø1 NE³² SS 121

Ø1 NE32 SW 101

Reference URS Grid A-4 1990 (cap) w

Location NEC St. Lawrence Date _____Project / Client USACE1850574, 260120

8-27-01 Site 32

Reference URS Grid A-1 1990

Re-Bar/Cap set 4469-S

GPS-1 2001

≈ 100 FT upgradient of Lower terminal
BuildingReference at SE Corner of
Lower tram bldg

=

1300 Continue sampling WP 7-101

1411 Sample WP 6-2 DRO/RRO

1430 Sample WP 7-3

DRO/RRO, PCO, PAH, GRO/OTex TAL metals

30

Location NEC St. LawrenceProject / Client USACE1850574, 260120

8-27-01

1445 Wp-102 site 7 dry
after 48 hrs. - pit dug 36
inches to water and allowed
to fill

1520 Backgrog Wp 30-2

East of Cargo Beach Road

dry after 48 hrs. pit dug 24 inches
and allowed to fill

1600 Wp 7-103 1/2 litre after
48 hrs. pit dug 40 inches
and allowed to fill

1700 Sampling WP/Pit 7-102

DRO/RRO, PCB, PAH, GRO/BTEX

~~Field duplicate Location (PAH, PCB)~~~~QA Location (PAH) (PAH GRO/BTEX)~~~~PAH, GRO/BTEX~~ DOL

31

Location NEC St. LawrenceProject / Client USACE1850574, 260120

8-27-01

Field Duplicate Location

PAH, VOC

QA Location

PAH, VOC

1800 Complete Wp/pit 7-102
replace soil

1915 Survey Site 30

Ø NE 30 E D 101

1926 Ø NE 21 SS 173

Ø NE 21 SS 172

Ø NE 21 SW/SD 114

Ø NE 21 SW/SD 113

Ø NE 21 SS/SB 171

Ø NE 21 SS/SD 170

Ø NE 21 SS/SB 172 169

DOL

Location NEC St. LawrenceProject / Client USACOE1850574.260120

8-27-01 1952 Site 16

Ø1 NE 16 MW Ø3

Ø1 NE 16 MW Ø1

Ø1 NE 16 MW Ø2

Ø1 NE 16 SS 165

Ø1 NE 16 SS 166

Site 14

2013 Ø1 NE 14 SS 181

Ø1 NE 14 SS 182

Ø1 NE 14 SS 183

~~382~~Location NEC St. LawrenceProject / Client USACOE1860574.260120

8-28-01 0840 Site 7

Finish sampling Wp 7-101

0915 Sample Wp/pit 103

DRO/RRO, PCO, PAH, TAC metals

Gro/BTex

Replace Soil

0930 Background Wp 30-102

Sampled for DRO/RRO, PAH, Sulfate,
Alkalinity, VOCs, Methane, Ethane,
+ Ethene, + GRO~~End of Notes~~~~William A. Scamell~~

Rite in the Rain
ALL-WEATHER WRITING PAPER



Name _____

Address _____

Phone _____

Project _____

Clear Vinyl Protective Slipcovers (Item No. 30) are available for this style of notebook.
Helps protect your notebook from wear & tear. Contact your dealer or the J. L. Darling Corporation.

CONTENTS

PAGE

REFERENCE

DATE

Bill O'Connell

Don Maloney

Northeast Cape

St. Lawrence Is. At,

9-24-01 to 9-25-01

1850574. 260120

Pesticide Sampling

Mod. #6

USACE

USACOE

Northeast Cape, St.. Lawrence Is.

1850574.260120

BCE

9-24-01 site 16 1100

Surface Soil Sampling

Same locations as spot

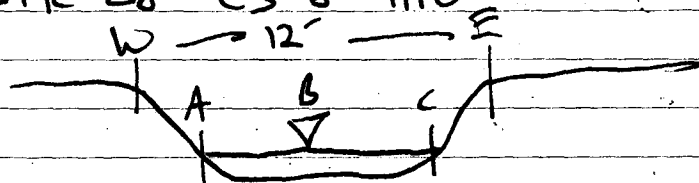
Previous Sample #	Pesticide Sample #
-------------------	--------------------

Ø1NE16 SS 165 .. Ø1NE16 SS 167

Ø1NE16 SS 166 Ø1NE16 SS 168

Building removed, MW 16-3 damaged, unusable

Site 28 CS-8 1110



Point	Depth	Previous suffix Ø1NE28...	Pesticide Sample #
A	6"	SD 153	Ø1NE28SD183
A	18"	SD 154	Ø1NE28SD184
B	6"	SD 155	Ø1NE28SD185
B	18"	SD 156	Ø1NE28SD186
C	18"	SD 158	Ø1NE28SD185

USACOE

Northeast Cape, St.. Lawrence Is.

1850574.260120

BCE

9-24-01

Duplicate taken of SD 185
Sample # Ø1NE28SD285CS 7, 9 + 10 Sampled at center
of 'cross section, 6" deep

CS	Previous Sample #	Pesticide Sample #
----	-------------------	--------------------

7 Ø1NE28SD190

9 Ø1NE28SD191

10 Ø1NE28SD192

10-Dup. Ø1NE28SD292

CS-11 1300

Samples taken at either end of
cross section, 6" deep

Previous sample #	Pesticide sample #
Ø1NE28SD171	Ø1NE28SD189
Ø1NE28SD176	Ø1NE28SD188

362

USACOE

Northeast Cape, St.. Lawrence Is.

1850574.260120

9-24-01 1420 Site 6

⊕ Wp 6-3

129.7 ft

⊕ Wp 6-1 (Dry)

58.9 ft

⊕ Wp 6-2

1437 Site 7

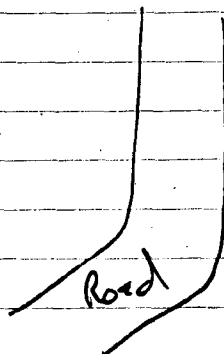
⊕ MV 7-4

164.10

× SS-127

102.20 ft

× SS 126



BSC

USACOE

Northeast Cape, St.. Lawrence Is.

1850574.260120

9-24-01 1513 Site 28

CS-8 West

×

42.50 ft

CS-7 West

×

11.90 ft

×

CS-8 West

BSC

"Outdoor writing products for outdoor writing people"

DURA *Rite*
WATERPROOF

HORIZONTAL LINE

Waterproof Notebook
No. 691



RECYCLABLE

"Dura-Rite" is a synthetic paper that is ideally suited for use in extreme weather conditions. A full line of "Dura-Rite" notebooks and loose leaf sheets are available. Custom printed "Dura-Rite" books, forms and tags can be made to meet your specific requirements.

"Dura-Copy" and "Rite in the Rain" all-weather copier papers are also available which enable you to create all-weather forms, charts and maps on your copier or laser printer. See your dealer or contact the J. L. Darling Corporation for details.

a product of

J. L. DARLING CORPORATION
Tacoma, WA 98424-1017 USA
(253) 922-5000 FAX (253) 922-5300
www.riteintherain.com



6 32281 69111 2

August 17 - 26

USACE

Northeast Cape, St. Lawrence Is.

MWH 1950574.260120

Johanna Dreher

4 5/8" x 7" - 48 Numbered Pages

USACOE 1950574.
North east Cape, St Lawrence Island 260120
August 17, 2001

~~Arrival~~
8:00 Start of day
Travel to St. Lawrence Island
Anchorage - Kotzebue - Nome - St.
Lawrence Island

Un load plan - Sort Supplies

2:30 Safety Meeting
3:00 UP pack - set up office
organize supplies
5:15 - 5:45 ATV Training

5:45 - 6:45 Dinner

6:45 prepare Sample bottles for
Drainage Basin

8:45 End of Day

Johanna Dicks

JSD

3
North east Cape USACOE 1950574.260120
August 18, 2001

7:00 - 7:15 Safety Meeting

7:15 - 7:30 tailgate Meeting

7:30 - 12:45 prepare Sample bottles + Coolers
for site 6, 7, 4 28 x-sections 2,
3, & 4

12:45 - 1:15 Lunch

1:15 - 5:45 prepare Sample bottles for
Site 28 - Cross sections 5, 6
and began working on 7

5:45 - 6:15 Dinner

6:15 - 7:00 prepare Sample Jars for Cross section
7 and most of 8

7:00 - 8:00 Tour of sites @ NEC
Clean up jars + labels

8:00 End of work day

Johanna Dicks

JSD

1850574.260120 USA COB
Northeast Cape, St. Lawrence Island
August 19, 2001

7:30-8:10 Safety / Planning meeting
Bonnie, Doug, Melissa, Eileen,
Bill, & Johanna

Work on sample bottles for X-section 8

8:30-9:00 Breakfast

9:00-12:15 prepare sample bottles for
X-sections
finish 8, completed 9 & 10,
start 11

12:15-12:45 lunch

12:45-17:45 prepare
sample bottles for X-section
11 + 12

Sample w/ Bonnie at site 7
Collect Samples:

01 NE 07 SW 104

01 NE 07 SD 104

01 NE 07 SW 105

01 NE 07 SD 105

1850574.260120 Northeast Cape USA COB
1745-1815 Dinner 8-19-01

1815-2130 work on preparing labels
pack samples for shipping

2130 End of Day

~~Johanna Z. Dreher~~

8/20

Northeast Cape USACE 1850574.260120
August 20, 2001

700 Nugget Safety Meeting
MWH Safety Meeting

Work on site 29 Sample labels

Pack cooler for shipping

Prepare site 29 SW & SD labels

1200 lunch

1230 prepare site 29 labels
prepare sample bottles for
site 29

5 1745 Dinner

1915

1815 prepare to sample w/ Doug @
site 29

1925 photograph sample location

Clear H₂O, no steam or odor

Northeast Cape USACE 1850574.260120

Turb E.C. Temp pH
1.73 NTU 233 μ S 8.3°C 8.3 8-20-01

DO (HACH)
11 mg/L

1940 Collect SW 117 8-20-01
Type ID Time
primary: 01 NE 29 SW 117 & MS/MSD 1940
duplicate: 01 NE 29 SW 217 1945
triplicate: 01 NE 29 SW 317 1950

Parameters -

- DRO/RRO • GRO/BTEX
- PCB
- PAH SIM
- TAL Metals

2015 return to Camp
drop of samples @ Conex
put away equipment

JHD

8-20-01

8th
JHO

2030 Done

USACCE
Northeast Cape, St. Lawrence Is.
1850574.260120

YD

Shannon & Dehn

USACOE

1950574.260120

August 21, 2001

North east Cape

0700 Nugget Safety Meeting
0730 MWH Safety Meeting

0745 prepare for Sample
Collection at Site 29

0815 arrive at Sample location
Suqi River Cross Section (CS) 4
Measure CS-4

<u>point</u>	<u>distance from S</u>	<u>118'</u> <u>H₂O depth</u>	<u>top</u> <u>color</u>
A	15'	0'	green
B	44'	2 1/2'	Blue
C	102	0'	green

0835 photograph CS-4 location

C4 Sample Collection

parameters: DRB / RRB, PAH, PCB
Pb Zn Cr, TdC

YD

USACOE
08-21-01 Northeast Cape, St. Lawrence Is.
1850574.260120

0900 CS-4a

Primary: 01 NE 29 SD 123

depth: 6 inches

parameters: DRD/RRD, PCB, PAH,
PbZnCr, TOC

0910 Collect SD CS-4b

depth: 3 ft

parameters: DRD/RRD, PCB, PAH,
PbZnCr, TOC

Primary: 01 NE 29 SD 124

0940 Collect SD CS-4c

depth: 1.7 ft

parameters: DRD/RRD, PCB, PAH,
PbZnCr, TOC

QTD

USACOB
Northeast Cape 1850574.260120
08-21-01

<u>Time</u>	<u>Type</u>	<u>ID</u>	<u>DATE</u>
0950	primary	01 NE 29 SD 125 & MS/MSD 921	
(0955)	duplicate	01 NE 29 SD 225	08-21-01
1000	triplicate	01 NE 29 SD 325	08-21-01
1005	COE Split	01 NE 29 SD 425	08-21-01

1025 Collect SD 128

depth: 1.7 ft

parameters: DRD/RRD, PAH, PCB,
GRD, BTEX, TAL metals

<u>Time</u>	<u>Type</u>	<u>ID</u>	<u>Date</u>
1025	Primary	01 NE 29 SD 128	08-21-01

1040
~~1035~~ photograph Sample location
to

1045 Collect SD 129

depth: 1.7 ft

parameters: DRD/RRD, PAH,
PCB, GRD, BTEX, TAL Metals

<u>Time</u>	<u>Type</u>	<u>ID</u>	<u>Date</u>
1045	primary	01 NE 29 SD 129	08-21-01

21

USACOE

8-21-01 Northeast Cape 1850574.260120
1055 Photograph Sample location
6D 129

1100 Return to camp
drop off samples from
CS-4 & SD 120, 129
1200 lunch
1230 Organize sample notes
1300 prepare samples for shipping
1810 Dinner
1900 prepare samples for shipping
2000 End of Day

Johanna Decker

JLD

USACOE

Northeast Cape, St. Lawrence Is.
1850574.260120

August 22, 2001

7:00 Safety Meeting : MWH
Nugget not working today
High wind
720 ~~Get~~ work on sample counts
fill out field forms
1215 Lunch
1245 prepare to pack coolers
for shipping
1800 Dinner
1835 pack cooler for shipping
1930 prepare cooler for plane
2030 End of Day
Johanna Decker

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

August 23, 2001

0700 Nugget Construction Safety
meeting

MWH Safety Meeting

0745 work on CofC

prepare to sample w/
Melissa @ site 16

0830 load equipment + sample
bottles

0900 leave camp for
Site 16 with Melissa Markell

0915 arrive at site locate
wells
lots of connexes are
staged at site

40

8-23-01

0920 set up at well 16-2
monitoring well; frost
jacked above protective
casings

take measure ments

0935 purge MW 16-2

no sheen or odor;
water silty
also

1005 Collect samples using disposable
bailer; parameters: SVOC
01NE16W102

1015 photo graph site

1020 Setup at MW 16-3
well condition is good
take measure ments

1030 purge well

no sheen or odor; Silty at first then 40
clear

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

17

1045 Collect Sample ONE16GW103 8-23-01
using disposable bailer; parameters: SVOC
1100 photograph site

1105 Set up at MW 16-1
take measurements
no sheen or odor

1115 purge MW 16-1

1135 Collect Sample ONE16GW101, ONE16GW201, (1140)
Primary: duplicate:
(1145) ONE16GW201, ONE16GW201
using disposable bailer; parameters: SVOC
photograph site, return to camp give
samples to Silen.
1200 Break for lunch

12:30 begin packing coolers
hoping for a plane

1300 Break for Dinner

1340 Back to packing coolers

2100 put cooler on the runway top

2100 End of Day 8-23-01

Johnson
Dukes

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

August 24, 2001

0700 Nugget Construction Safety
meeting
MWH Safety Meeting

0725 pack coolers for
plane this morning
CofC 37-46
did not Ship Coc 44

1045 load plane w/ Coolers

1100 Back to preping Samples
for Shipping
wipe of bottles, Clean +
wipe out coolers

1215 Break for lunch

1245 pack coolers

JLP

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

8-24-01

1800
~~6:30~~ Break for Dinner

1840 pack coolers
w/ help from Bill & Melissa

2030 Stop - End of Day

Trip blanks used:

01NE00TB 110	Water QA	1900
01NE00TB 111	Soil primary	1900
01NE00TB 112	Water QA	1900
01NE00TB 113	Water primary	1900
01NE00TB 109	Soil primary	1900

Johanna L. Decker

J

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

August 25, 2001

0700 Nugget Safety Meeting
MWH Safety Meeting

0745 go to Conney to pack Coolers

1215 Break for Lunch

1245 Pack Coolers

1800 Break for Dinner

1840 Pack Coolers
prepare for Shipping

2210 End of Day

Trip Blanks Used

01NE00TB106 - QA Soil 1900
01NE00TB 114 Soil Primary 1900
01NE00TB 115 Vector Primary 1900
Johanna Dehn

USACOE
Northeast Cape, St.. Lawrence Is.
1850574.260120

August 26, 2001

0700 Nugget Safety Meeting
MWH Safety Meeting

0730 give shipping papers
to Bonnie (Co's & Copies
of airbills)

0815 begin icing coolers and
preparing to seal coolers

1215 Lunch Break

1245 prepare samples for
Shipping
Seal Coolers

1545 Leave Northeast Cape

1645 arrive in Nome

40

100

1930 leave Nome

2330 Arrive in Anchorage

Johanna J. Dales

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

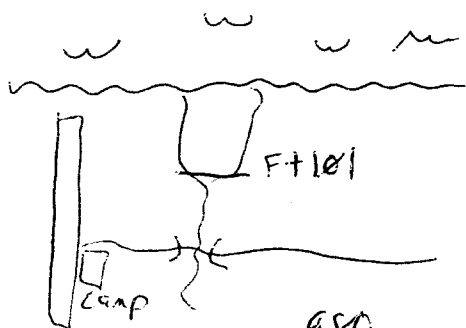
Location: Sugi. R. lagoon

Sample ID: Ø1NE29F+1Ø1

Species: D. Varden

Sex: F

Location Map:



Length: 455 mm

Weight: 980 g

Sampler: O'Connell

Date: 8-21-01

Time: 0850

Remarks: 3 samples = eggs, head, fillet

PAH, PCBs, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

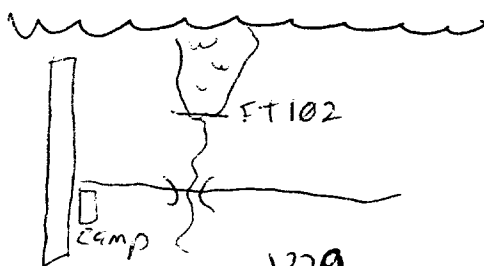
Location: Sugi, R. lagoon

Sample ID: 01NE29 FT102

Species: D. Varden

Sex: F

Location Map:



Length: 505mm

Weight: 1220g

Sampler: O'Connell

Date: 8-21-01

Time: 0850

Remarks: 3 samples = eggs, head, fillet

PAH, PCBs, Lipids, Metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

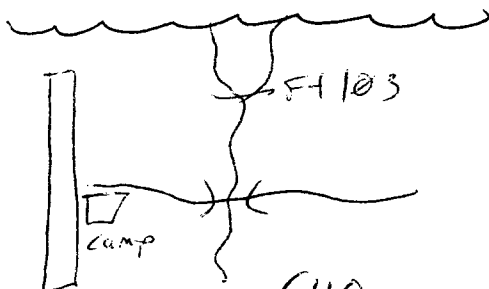
Location: Sugi. R. lagoon

Sample ID: 01NE29 F+103

Species: D. Varden

Sex: M

Location Map:



Length: 415mm

Weight: 640g

Sampler: O'Connell

Date: 8-21-01

Time: 0850

Remarks: 2 samples = Fillet, Homogenized remains

PAH, PCBs, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

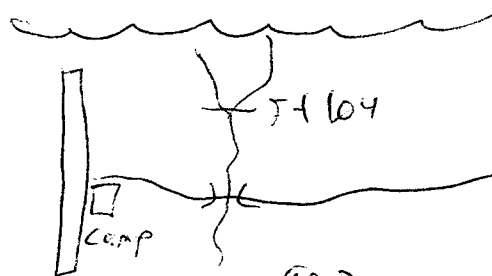
Location: Sugi. R. lagoon

Sample ID: 01NE29F+1.04

Species: D. Varden

Sex: F

Location Map:



Length: 450mm

Weight: 930g

Sampler: O'Connell

Date: 8-21-01

Time: 0850

Remarks: Sample = Fillet only

PAH, PCB, Lipids, metals

**FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP**

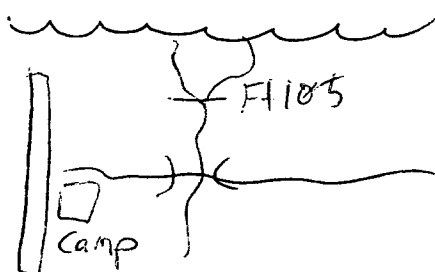
Location: Sugi, R. lagoon

Sample ID: 01NE29F+105

Species: D. Varden

Sex: M

Location Map:



Length: 418 mm

Weight: 800g

Sampler: O'Connell

Date: 8-20-01

Time: 1047

Remarks: Sample = Fillet only

PAH, PCB, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

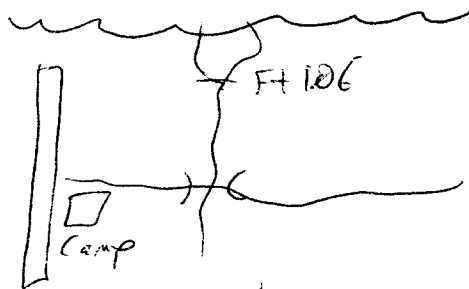
Location: Sugi, R. lagoon

Sample ID: 01NE29F+106

Species: D. Varden

Sex: M

Location Map:



Length: 430mm

Weight: 1100g

Sampler: O'Connell

Date: 8-20-01

Time: 1047

Remarks: Sample = Fillet only

PAH, PCBs, Lipids, Metals

**FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP**

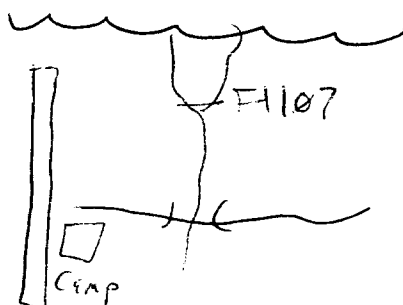
Location: Sugi. L. lagoon

Sample ID: 01NE29F+107

Species: D. Varden

Sex: M

Location Map:



Length: 480mm

Weight: 1090g

Sampler: O'Connell

Date: 8-20-01

Time: 1047

Remarks: Samples - Fillet, Homogenized remains

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

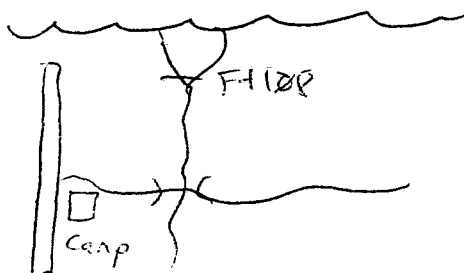
Location: Sugi, R. Lagoon

Sample ID: 01NE29FH108

Species: D. Varden

Sex: F

Location Map:



Length: 450mm

Weight: 860g

Sampler: OConnell

Date: 8-20-01

Time: 1047

Remarks: 2 samples = eggs, Fillet

PAH, PCBs, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Taps. R. lagoon

Sample ID: 01NE30F+101

Species: D. Varden

Sex: F

Location Map:



Length: 490mm

Weight: 1240g

Sampler: O'Connell

Date: 8-21-01

Time: 1022

Remarks: 3 samples = eggs, head, fillet

PAH, PCBs, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

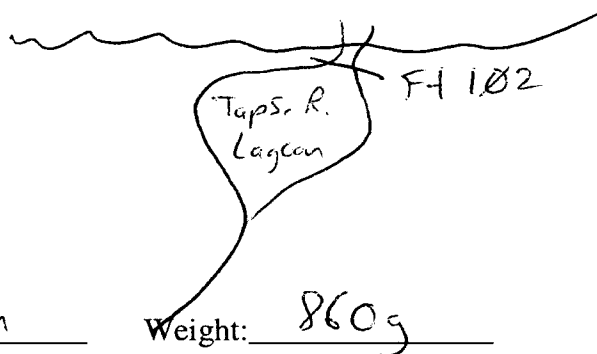
Location: Tips. R. Lagoon

Sample ID: 01NE30FH102

Species: D. Varden

Sex: M

Location Map:



Length: 460mm

Weight: 860g

Sampler: O'Connell

Date: 8-21-01

Time: 1022

Remarks: 2 samples = fillet, homogenized remains

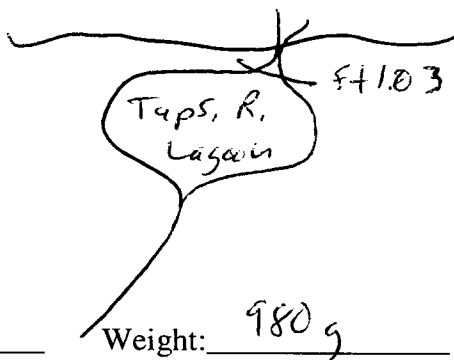
PAH, PCB, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

Location: Taps. River lagoon Sample ID: Ø1NE3ØF+1Ø3

Species: D. Varden Sex: M

Location Map:



Length: 465 mm Weight: 980 g

Sampler: O'Connell Date: 8-21-01 Time: 1022

Remarks: Fillet only

PAH, PCB, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

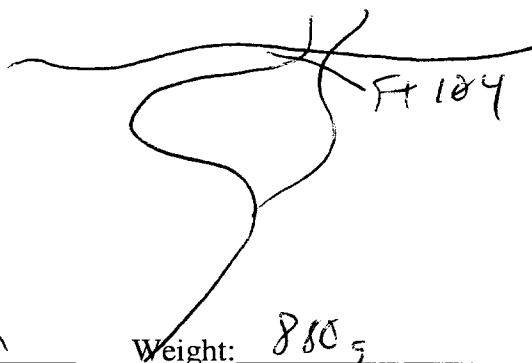
Location: Taps. R. Lagoon

Sample ID: 01NE30F+104

Species: Pink Salmon

Sex: M

Location Map:



Length: 445 mm

Weight: 880 g

Sampler: O'Connell

Date: 8-20-01 Time: 2015

Remarks: 2 samples = head, homogenized remains

PAH, PCB, Lipids, Metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

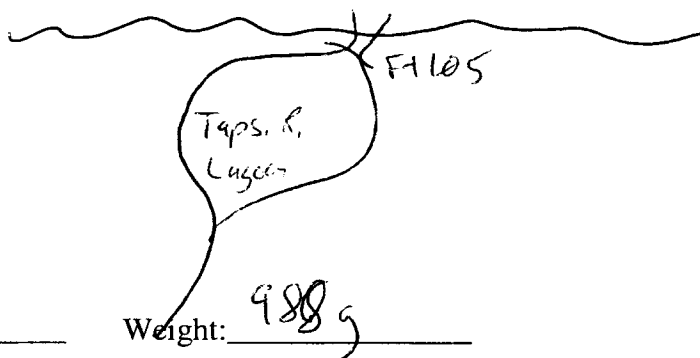
Location: Taps, R. Lagoon

Sample ID: 01NE30FT105

Species: Pink Salmon

Sex: F

Location Map:



Length: 470mm

Weight: 988g

Sampler: O'Connell

Date: 8-20-01

Time: 2015

Remarks: 3 samples = eggs, fillet, remains

PAH, PCB, Lipids, metals

**FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP**

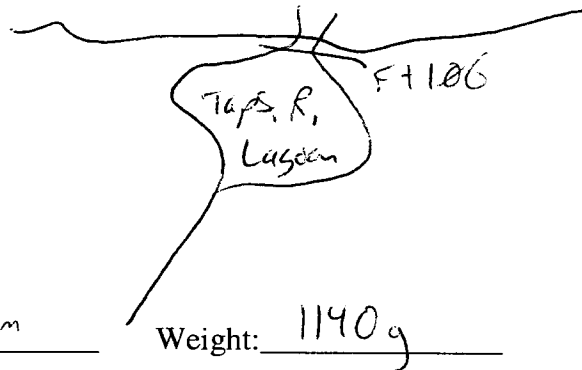
Location: Taps R. Lagoon

Sample ID: Ø1NE3.ØF+1.Ø6

Species: Pink Salmon

Sex: F

Location Map:



Length: 463 mm

Weight: 1140 g

Sampler: O'Connell

Date: 8-20-01

Time: 2013

Remarks: Fillet only

PAH, PCB, Lipids, metals

FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP

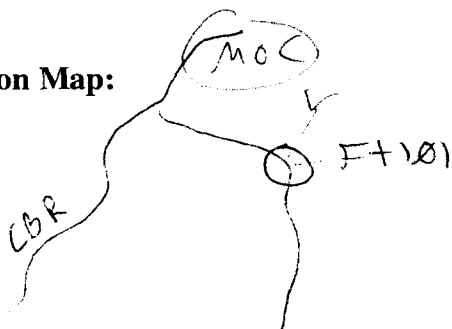
Location: Site 28

Sample ID: 01NE28FT101

Species: blackfish

Sex: NA

Location Map:



Length: NA Weight: NA

Sampler: O'Connell Date: 8-19-01 Time: 1119

Remarks: Homogenized sample containing 8-10 individual
fish

PAH, PCB, Lipids, metals

**FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP**

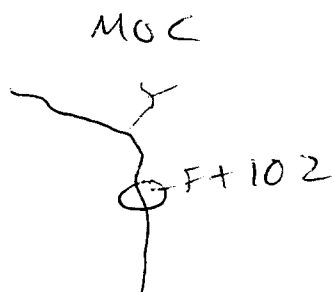
Location: Site 28

Sample ID: 01NE28F+102

Species: blackfish

Sex: NA

Location Map:



Length: NA

Weight: NA

Sampler: O'Connell

Date: 8-19-01

Time: 1119

Remarks: Homogenized sample containing 8-10
individual fish

PAH, PCB, Lipids, metals

**FIELD NOTE FORM
FISH TISSUE COLLECTION
NEC 2001 BSP**

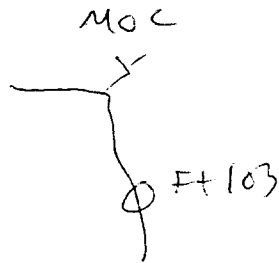
Location: Site 28

Sample ID: 01NE28F+103

Species: black fish

Sex: NA

Location Map:



Length: NA

Weight: NA

Sampler: OConnell

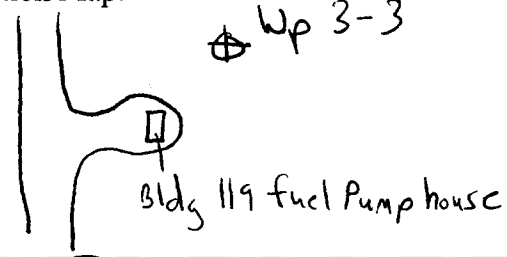
Date: 8-19-01

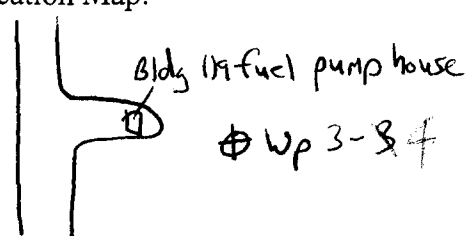
Time: 0919

Remarks: Homogenized sample made of 8-10
individual fish.

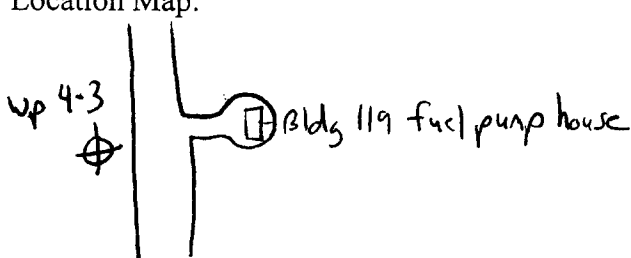
PAH, PCB, Lipids, metals

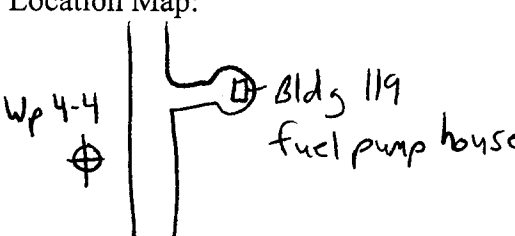
GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: Wp 3-2	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 8-25-01		Time: 1015		Sampler(s): Bonnie McLean, Melissa Martell			
Well type: <u>Well Point</u> Other:							
Well condition: <u>New</u>							
Protective casing height (ft ags): None				Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$			
Steel casing height (ft ags):							
Well depth below top of steel (ft): Dt 2,93 bgs				Location Map: 			
Water level below top of steel (ft): 1,48 bgs							
Water column height (ft): 1,45							
Steel casing ID (in): 2"							
Sampling Method/Equipment: New disposable teflon 3/4" bailer							
Sheen: <u>none</u> slight moderate abundant				Odor: <u>none</u> slight moderate strong			
Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:		
0950		7.1	6.5	212	Silty		
1130							
Time: 1015		Sample ID: Ø1NE <u>Ø3 WP 1 Ø2</u> <u>primary</u> dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time:			N/A				
Time:							
Time:							
Laboratory Tests:	<u>ORO</u> <u>RRO</u> GRO BTEX VOC PAH PCB Alkalinity Sulfate Methane/Ethane/Ethene						

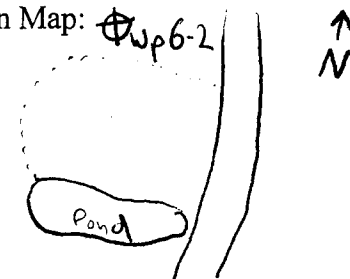
GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: Up 3-3	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 8-25-01		Time: 1045		Sampler(s): Bonnie McLean/Melissa Markell			
Well type: <u>Well Point</u> Other:							
Well condition: <u>New</u>							
Protective casing height (ft ags): None				Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Location Map: 			
Steel casing height (ft ags):							
Well depth below top of steel (ft): Dt 2,84 bgs							
Water level below top of steel (ft): 0, 2 bgs							
Water column height (ft): 2,52							
Steel casing ID (in): 2							
Sampling Method/Equipment: New disposable teflon 3/4" bailer							
Sheen: <u>none</u> slight moderate abundant				Odor: <u>none</u> slight moderate strong			
Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:		
1130		615	6.5	145	Silty		
Time: 8-25-01-1130		Sample ID: Ø1NE Ø3 WP1 Ø3 <u>primary</u> dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time:			N/A				
Time:							
Time:							
Laboratory Tests:	<u>DRO</u> <u>RRO</u> GRO BTEX VOC PAH PCB Alkalinity Sulfate Methane/Ethane/Ethene						

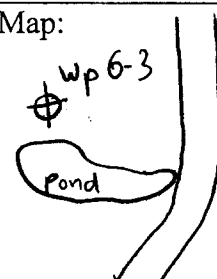
GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: Wp 3-34	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 8-25-01		Time: 1115		Sampler(s): Bonnie McLean/Melissa Markell			
Well type: <u>Well Point</u> Other:							
Well condition: <u>New</u>							
Protective casing height (ft ags): None				Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Location Map: 			
Steel casing height (ft ags):							
Well depth below top of steel (ft): Dt 2,93 bgs							
Water level below top of steel (ft): 1,67 bgs							
Water column height (ft): 1,26							
Steel casing ID (in): 2							
Sampling Method/Equipment: New disposable teflon 3/4" bailer							
Sheen: <u>none</u> slight moderate abundant				Odor: none slight moderate strong			
Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:		
1145		5.2	6.4	150	Silt		
Time: 1145	Sample ID: Ø1NE Ø3 WP1 Ø4 <u>primary</u> dup triplicate ms/msd						
Time:	Sample ID: Ø1NE _____ primary dup triplicate ms/msd						
Time:	Sample ID: Ø1NE _____ primary dup triplicate ms/msd						
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time:			N/A				
Time:							
Time:							
Laboratory Tests:	<u>DRO</u> <u>RRO</u> GRO BTEX VOC PAH PCB Alkalinity Sulfate Methane/Ethane/Ethene						

[illegible]

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: Wp 4-3	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 8-26-01		Time: 1345		Sampler(s): Bonnie McLean/Melissa Markell			
Well type: <u>Well Point</u> Other:							
Well condition: <u>New</u>							
Protective casing height (ft ags): None				Minimum purge volume calculation: One well volume (gal) = 0.163A(B/2)² = C Location Map: 			
Steel casing height (ft ags):							
Well depth below top of steel (ft): Dt 6.35							
Water level below top of steel (ft): 3.45							
Water column height (ft): 2.9							
Steel casing ID (in): 2'							
Sampling Method/Equipment: New disposable teflon 3/4" bailer							
Sheen: <u>none</u> slight moderate abundant				Odor: none slight moderate strong			
Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:		
1345		5.0	6.2	195	Very Silty		
Time: 1345	Sample ID: Ø1NE <u>Ø 4 W P 1 Ø 3</u> <u>primary</u> dup triplicate ms/msd						
Time:	Sample ID: Ø1NE _____ primary dup triplicate ms/msd						
Time:	Sample ID: Ø1NE _____ primary dup triplicate ms/msd						
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time:			N/A				
Time:							
Time:							
Laboratory Tests:	<u>DRO</u> <u>RRO</u> GRO BTEX VOC PAH PCB Alkalinity Sulfate Methane/Ethane/Ethene						

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: Wp 4-4	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 8-25-01		Time: 1500		Sampler(s): Bonnie Mclean/Melissa Markell			
Well type: <u>Well Point</u> Other:							
Well condition: <u>New</u>							
Protective casing height (ft ags): None				Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Location Map: 			
Steel casing height (ft ags): 3,26							
Well depth below top of steel (ft): Dt 6,25							
Water level below top of steel (ft): 3,49							
Water column height (ft): 2,76							
Steel casing ID (in): 2							
Sampling Method/Equipment: New disposable teflon 3/4" bailer							
Sheen: none slight moderate abundant				Odor: none slight moderate strong			
Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:		
1340		5.0	6.1	175	Very Silty		
Time: 1500 1340		Sample ID: Ø1NE 04 WP 1 Ø4 <u>primary</u> dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time:			N/A				
Time:							
Time:							
Laboratory Tests:	<u>DRO</u> <u>RRO</u> GRO BTEX VOC PAH PCB Alkalinity Sulfate Methane/Ethane/Ethene						

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: Wp 6-2	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 8-27-01		Time: 1411		Sampler(s): William O'Connell			
Well type: <u>Well Point</u> Other:							
Well condition: <u>New</u>							
Protective casing height (ft ags): None				Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Location Map: 			
Steel casing height (ft ags): 2, 31							
Well depth below top of steel (ft): Dt <u>610 N₁</u>							
Water level below top of steel (ft): <u>612 N₁</u>							
Water column height (ft):							
Steel casing ID (in): 2							
Sampling Method/Equipment: New disposable teflon 3/4" bailer							
Sheen: <u>none</u> slight moderate abundant				Odor: <u>none</u> slight moderate strong			
Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:		
1411		5.5	6.6	125			
Time: 1411	Sample ID: Ø1NE <u>Ø6 WP 1 Ø2</u> <u>primary</u> dup triplicate ms/msd						
Time:	Sample ID: Ø1NE _____ primary dup triplicate ms/msd						
Time:	Sample ID: Ø1NE _____ primary dup triplicate ms/msd						
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time: 1411	1000+		N/A		8.2		
Time:							
Time:							
Laboratory Tests:	<u>DRD</u> <u>RRD</u> GRO BTEX VOC <u>PAH</u> <u>PCB</u> Alkalinity Sulfate Methane/Ethane/Ethene Doc						

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: Wp6-3	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 8-25-01		Time: 1700		Sampler(s): Bonnie McLean/Melissa Markell			
Well type: <u>Well Point</u> Other:							
Well condition: <u>New</u>							
Protective casing height (ft ags): None				Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Location Map: 			
Steel casing height (ft ags): 2.03							
Well depth below top of steel (ft): Dt NA							
Water level below top of steel (ft): NA							
Water column height (ft): NA							
Steel casing ID (in): 2							
Sampling Method/Equipment: New disposable teflon 3/4" bailer							
Sheen: none slight moderate abundant				Odor: none slight moderate strong			
Time		Temperature °C	pH pH units	Conductivity umhos/cm	Comments:		
1050		5.9	6.2	131			
Time: 1700	Sample ID: Ø1NE <u>Ø6WP1Ø3</u> <u>primary</u> dup triplicate ms/msd						
Time:	Sample ID: Ø1NE _____ primary dup triplicate ms/msd						
Time:	Sample ID: Ø1NE _____ primary dup triplicate ms/msd						
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time: 1050	190		N/A		10.2		
Time:							
Time:							
Laboratory Tests:	<u>DRO</u> <u>RRO</u> <u>GRO</u> <u>BTEX</u> VOC PAH <u>PCB</u> <u>Metals</u> <u>TAL</u> Alkalinity Sulfate Methane/Ethane/Ethene						

SOIL SAMPLING FIELD NOTE FORM

Project Number:
1850574.260120

Sample
Location:
TP 6-1

Project: Northeast Cape 2001 Phase III RI

Site: #6 Cargo beach Rd, Drum field

Client: United States Army Engineer District - Alaska

MAP

TP-1 []
stained
even
Pond

FIELD INFORMATION

Date: 8-18-01 Sampler(s): Bonnie McLean

Sampling Equipment: Stainless Steel Spoon

SAMPLE INFORMATION

Time: 1100 Depth Interval: 5.3' bgs ft PID: 37.0 ppm

Sample ID: 01NE06TP101 primary duplicate triplicate ms/msd

Time: 1105 Depth Interval: 5.3' bgs ft PID: 37.0 ppm

Sample ID: 01NE06TP201 primary duplicate triplicate ms/msd

Time: 1110 Depth Interval: 5.3' bgs ft PID: 37.0 ppm

Sample ID: 01NE06NE301 primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

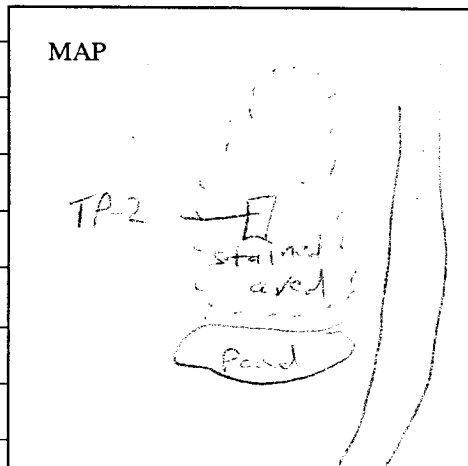
Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	TP6-2

Project: Northeast Cape 2001 Phase III RI
Site: #6 Cargo Beach Rd, Drum Field
Client: United States Army Engineer District - Alaska



FIELD INFORMATION	
Date: 8-18-01	Sampler(s): Bonnie McLean
Sampling Equipment: Stainless steel spoon	

SAMPLE INFORMATION					
Time: 1200	Depth Interval: 5.0'	ft	PID: 52	ppm	
Sample ID: Ø1NE 06 TP 102 (primary) duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Analyses: (DRO) (RRO) GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr (TOC) Geotech					

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: <u>Site 6</u>	Page 1 of
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: <u>8-18-01</u>		Sampler(s): <u>McLean</u>		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: <u>NA</u>		Depth: <u>NA</u> ft	Width: <u>NA</u> ft	
Appearance: <u>NA</u>				
Cross-Section Number/Location (if applicable):				
Collection method: Disposable Teflon dipper		Temp. ° C: pH:	Cond. (umhos/cm): CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time: <u>1600</u>	Depth: <u>3'</u>	Sample ID: Ø1NE <u>06 SW 116</u> <u>(prime)</u> dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: <u>(DRO)</u> <u>(RRO)</u> GRO BTEX VOC SVOC PAH PCB TAL metals				

SEDIMENT SAMPLE INFORMATION				
Collection method: <u>SS Spoon</u>				
Cross-Section Number/Location (if applicable):				
Time: <u>1600</u>	Depth: <u>0.6'</u>	Point:	Sample ID: Ø1NE <u>06 SD 116</u> <u>(prime)</u> dup trip split ms/msd	
Time: <u>1630</u>	Depth: <u>0.6'</u>	Point:	Sample ID: Ø1NE <u>06 SD 117</u> <u>(prime)</u> dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: <u>(DRO)</u> <u>(RRO)</u> <u>(GRO)</u> <u>(BTEX)</u> VOC PAH <u>(PCB)</u> <u>(Pesticides)</u> <u>(TAL)</u> metals Pb Zn Cr TOC Geotech				

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: Wp7-1	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 8-28-01		Time: 1000		Sampler(s): William O'Connell			
Well type: Monitoring Well <u>Well Point</u> Other:							
Well condition: Good							
Protective casing height (ft ags): NA				Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Minimum purge volume = C x 3 Calculation:			
PVC casing height (ft ags): NA							
Well depth below top of PVC (ft): NA							
Water level below top of PVC (ft): NA							
Water column height (ft): = A							
PVC casing ID (in): = B							
Purging Method/Equipment:							
Sheen: <u>none</u> slight moderate abundant				Odor: <u>none</u> slight moderate strong			
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments		
	8-26 1445	6.0	6.7	71	Silty		
					* Sampled over 3 days due to low water		
Time: 1000		Sample ID: Ø1NE 07WP101 <u>primary</u> dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time:							
Time:							
Time:							
Laboratory Tests:	<u>DRO</u> <u>RRO</u> GRO BTEX Alkalinity Sulfate Methane/Ethane/Ethene <u>PCB PAH Metals</u>						

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: Wp 7-2	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 8-27-01		Time: 1700		Sampler(s): Bill O'Connell			
Well type: Monitoring Well		Well Point		Other: PIT 36" BGS			
Well condition:							
Protective casing height (ft ags): NA				Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Minimum purge volume = $C \times 3$ Calculation:			
PVC casing height (ft ags): NA							
Well depth below top of PVC (ft): NA							
Water level below top of PVC (ft): NA							
Water column height (ft): = A							
PVC casing ID (in): = B							
Purging Method/Equipment: Dipstick Dipper							
Sheen: none slight moderate abundant				Odor: none slight moderate strong			
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments		
Time: 1700		Sample ID: Ø1NE 07 WP 1 02 primary dup triplicate ms/msd					
Time: 1705		Sample ID: Ø1NE 07 WP 2 02 primary dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time:							
Time:							
Time:							
Laboratory Tests:	DRO RRO GRO BTEX Alkalinity Sulfate Methane/Ethane/Ethene PCB, PAH						

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: WP 7-3	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 8-27-01		Time: 1430		Sampler(s): B. J. O'Connell			
Well type: Monitoring Well				Well Point: Other: Pit 40' BG S			
Well condition:							
Protective casing height (ft ags): NA				Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Minimum purge volume = $C \times 3$ Calculation:			
PVC casing height (ft ags): NA							
Well depth below top of PVC (ft): NA							
Water level below top of PVC (ft): NA							
Water column height (ft): = A							
PVC casing ID (in): = B							
Purging Method/Equipment: Discharge Dipper							
Sheen: none slight moderate abundant				Odor: none slight moderate strong			
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments		
No Parameters Taken							
Time: 1430		Sample ID: Ø1NE 27WP123 primary dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time:							
Time:							
Time:							
Laboratory Tests:	DRO RRO GRO BTEX Alkalinity Sulfate Methane/Ethane/Ethene						

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: 07SW/SD104	Page 1 of 1
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-19-01		Sampler(s): Bonnie McLean		

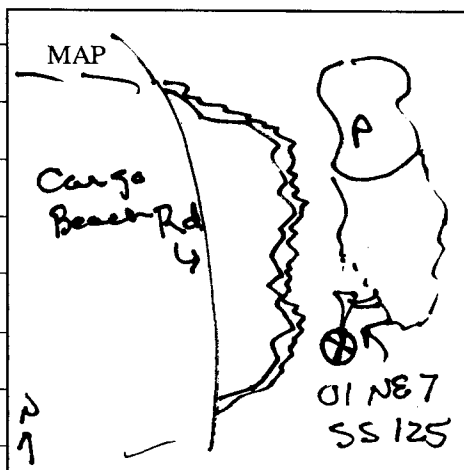
SURFACE WATER SAMPLE INFORMATION				
Stream Name: Pond W. of landfill		Depth: 1-1.5 ft	Width: NA ft	
Appearance: Debris filled, Rocky				
Cross-Section Number/Location (if applicable):				
Collection method: Disposable Teflon dipper		Temp. °C: 9.0	Cond. (umhos/cm): 401	
		pH: 7.21	CS Collection Point:	
Sheen: <u>none</u> slight moderate abundant		Odor: <u>none</u> slight moderate strong		
Time: 1330	Depth: 1-1.5'	Sample ID: 01NE 07SW104 <u>prime</u> dup trip split ms/msd		
Time:	Depth:	Sample ID: 01NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: 01NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: Stainless Steel Spoon				
Cross-Section Number/Location (if applicable):				
Time: 1330	Depth: 0-6"	Point:	Sample ID: 01NE 07SW104 <u>prime</u> dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Laboratory Tests: <u>DRO</u> <u>RRO</u> <u>GRO</u> <u>BTEX</u> <u>VOC</u> <u>PAH</u> <u>PCB</u> <u>Pesticides</u> <u>TAL metals</u> Pb Zn Cr TOC Geotech				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: 07 SW/SD 105	Page 1 of 1
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-19-01		Sampler(s): Bonnie Melan		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Part E. of landfill		Depth: 0.5	ft	Width: NA
Appearance: Shallow, organic silty bottom				
Cross-Section Number/Location (if applicable):				
Collection method: Disposable Teflon dipper		Temp. °C: 6.2	Cond. (umhos/cm): 505	
		pH: 7.84	CS Collection Point:	
Sheen: none slight moderate abundant			Odor: none slight moderate strong	
Time: 1500	Depth: 0.5	Sample ID: 01NE 07 SW 105 (prime) dup trip split ms/msd		
Time:	Depth:	Sample ID: 01NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: 01NE _____ prime dup trip split ms/msd		
Laboratory Tests: (DRO) (RRO) GRO BTEX VOC SVOC (PAH) (PCB) (TAL metals)				
SEDIMENT SAMPLE INFORMATION				
Collection method:				
Cross-Section Number/Location (if applicable):				
Time: 1530	Depth: Surface	Point:	Sample ID: 01NE 07 SW 107 (prime) dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) (VOC) (PAH) (PCB) Pesticides (TAL metals) Pb Zn Cr TOC Geotech				

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	Site 7 - SS 125

Project: Northeast Cape 2001 Phase III RI
Site: Site 7 - Cargo Beach handfield
Client: United States Army Engineer District - Alaska



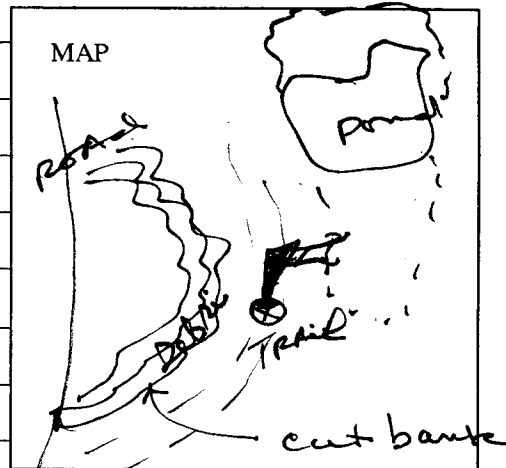
FIELD INFORMATION	
Date: 8-19-01	Sampler(s): Bgm
Sampling Equipment: S.S. Spoon	

SAMPLE INFORMATION			
Time: 1115	Depth Interval: 0.5'	ft	PID: Ø ppm
Sample ID: 01NE 01 SS 125 primary duplicate triplicate ms/msd			
Time:	Depth Interval:	ft	PID: ppm
Sample ID: 01NE _____ primary duplicate triplicate ms/msd			
Time:	Depth Interval:	ft	PID: ppm
Sample ID: 01NE _____ primary duplicate triplicate ms/msd			
Time:	Depth Interval:	ft	PID: ppm
Sample ID: 01NE _____ primary duplicate triplicate ms/msd			
Time:	Depth Interval:	ft	PID: ppm
Sample ID: 01NE _____ primary duplicate triplicate ms/msd			
Time:	Depth Interval:	ft	PID: ppm
Sample ID: 01NE _____ primary duplicate triplicate ms/msd			
Time:	Depth Interval:	ft	PID: ppm
Sample ID: 01NE _____ primary duplicate triplicate ms/msd			
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech			

gravelly mix; dark red
blondish soil; rust particles mix; CofC # 01NEC09

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	Site 7 - SS 126

Project: Northeast Cape 2001 Phase III RI
Site: Site 7 - Cargo Beach Rd Hand-fell
Client: United States Army Engineer District - Alaska



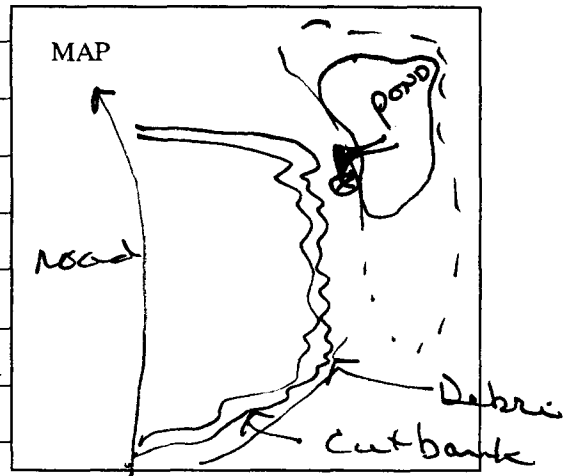
FIELD INFORMATION	
Date: 8-19-01	Sampler(s): Brnchea
Sampling Equipment: S.S. spoon	

SAMPLE INFORMATION				
Time: 1130	Depth Interval: 0-.5'	ft	PID: 27	ppm
Sample ID: Ø1NE 755126 primary duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd				
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest TAL metal Pb Zn Cr TOC Geotech				

med. sandy, root particles mix ; (Cage # 01 NEE 09)

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	Site 7-SS127

Project: Northeast Cape 2001 Phase III RI
Site: Site 7 - Camp Beach Rd and fill
Client: United States Army Engineer District - Alaska



FIELD INFORMATION	
Date: 8-19-01	Sampler(s): Brnchean
Sampling Equipment: S.S. spoon.	

SAMPLE INFORMATION					
Time: 1145	Depth Interval: 0 - 0.5	ft	PID: 31	ppm	
Sample ID: Ø1NE 07 SS 127 <u>primary</u> duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TAL metal Pb Zn Cr TOC Geotech					

Med. to fine sandy silt; dark brown (Co/C # 01 152209)
reddish; high organic component with plant roots.

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: MW-9-3	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 8-26-01		Time: 1015		Sampler(s): Bill O'Connell			
Well type: <u>Monitoring Well</u> Well Point Other:							
Well condition: <u>Marginal</u>							
Protective casing height (ft ags): <u> </u>				Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Minimum purge volume = $C \times 3$ Calculation: = 2,76 gal			
PVC casing height (ft ags): <u> </u>							
Well depth below top of PVC (ft): <u>9.94</u>							
Water level below top of PVC (ft): <u>4.29</u>							
Water column height (ft): <u>5.65</u> = A							
PVC casing ID (in): <u>2</u> = B							
Purging Method/Equipment: <u>Bailer</u>							
Sheen: <u>none</u> slight moderate abundant				Odor: <u>none</u> slight moderate strong			
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments		
1.5	1015	5.5	7.1	148.0	Very Silty		
					* Bailed dry then samples		
Time: 1015		Sample ID: Ø1NE <u>09MW103</u> <u>primary</u> dup triplicate ms/msd					
Time: <u> </u>		Sample ID: Ø1NE <u> </u> primary dup triplicate ms/msd					
Time: <u> </u>		Sample ID: Ø1NE <u> </u> primary dup triplicate ms/msd					
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time: <u> </u>							
Time: <u> </u>							
Time: <u> </u>							
Laboratory Tests:	DRO RRO <u>GRO</u> BTEX Alkalinity Sulfate Methane/Ethane/Ethene						

VOC

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120	Well ID: WP9-2
Project: NEC 2001 Phase III RI			Client: USAED		
Date: 8-26-01	Time: 0900	Sampler(s): Bill O'Connell			
Well type: Monitoring Well <u>Well Point</u> Other:					
Well condition: <u>Good</u>					
Protective casing height (ft ags):			Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Minimum purge volume = $C \times 3$ Calculation:		
PVC casing height (ft ags):					
Well depth below top of PVC (ft): <u>6.37</u>					
Water level below top of PVC (ft): <u>3.34</u>					
Water column height (ft): <u>3.03</u> = A					
PVC casing ID (in): = B					
Purging Method/Equipment:					
Sheen: none slight moderate abundant			Odor: none slight moderate strong		
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
1.5	0900	9.0	6.4	70.0	
Time: 0900		Sample ID: Ø1NE <u>09WP102</u> <u>primary</u> dup triplicate ms/msd.			
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd			
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd			
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:	9.28				11.0
Time:					
Time:					
Laboratory Tests:	<u>DRO</u> <u>RRO</u> <u>GRO</u> <u>BTEX</u> Alkalinity Sulfate Methane/Ethane/Ethene <u>PCB, PAH, metals</u>				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: Site 9	Page 1 of
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-25-01		Sampler(s): Bill OConnell		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: none		Depth: 0.5 ft	Width: 6.0 ft	
Appearance: Marshy area near Cargo Beach Road Sub for WP 9-1				
Cross-Section Number/Location (if applicable): —				
Collection method: Disposable Teflon dipper		Temp. °C: 9.0	Cond. (umhos/cm): 31.0	
		pH: 6.80	CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time: 1720	Depth: 4"	Sample ID: Ø1NE Ø 9 S W 1 1 2 prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method:				
Cross-Section Number/Location (if applicable):				
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: Site 9	Page 1 of 1
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-26-01		Sampler(s): Bill OConnell		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: none		Depth: 1.5	ft	Width: 25
Appearance: Small pond with debris around edges. Sub for WP104				
Cross-Section Number/Location (if applicable):				
Collection method: Disposable Teflon dipper		Temp. ° C: 10.0	Cond. (umhos/cm): 31.0	
		pH: 7.0	CS Collection Point:	
Sheen: none slight moderate abundant			Odor: none slight moderate strong	
Time: 11:15	Depth: 1.0 ft	Sample ID: Ø1NE 0950111 prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				

SEDIMENT SAMPLE INFORMATION				
Collection method:				
Cross-Section Number/Location (if applicable):				
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: Site 9	Page 1 of 1
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-26-01		Sampler(s): Bill OConnell		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: -		Depth: 2.5 ft	Width: 6.0 ft	
Appearance: Small pool in drainage, sub for Wp 183				
Cross-Section Number/Location (if applicable):				
Collection method: Disposable Teflon dipper		Temp. ° C: 7.0	Cond. (umhos/cm): 30.0	
		pH: 7.2	CS Collection Point:	
Sheen: none slight moderate abundant			Odor: none slight moderate strong	
Time: 1:15	Depth: 3.4	Sample ID: Ø1NE 2-30-113 prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				

SEDIMENT SAMPLE INFORMATION				
Collection method:				
Cross-Section Number/Location (if applicable):				
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: 09 SW/SD107	Page 1 of
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-23-01		Sampler(s): OGunnell / Markell		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: NA		Depth: 3" ft	Width: NA ft	
Appearance: SE side of Pond				
Cross-Section Number/Location (if applicable):				
Collection method: Disposable Teflon dipper		Temp. °C: 7.1	Cond. (umhos/cm): 46.4	
		pH: 7.62	CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time: 1450	Depth: 3"	Sample ID: Ø1NE 09 SW 107 prime dup trip split ms/msd		
Time: 1455	Depth: 3"	Sample ID: Ø1NE 09 SW 207 prime dup trip split ms/msd		
Time: 1450	Depth: 3"	Sample ID: Ø1NE 09 SW 307 prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: Stainless Steel Spoon				
Cross-Section Number/Location (if applicable):				
Time: 1540	Depth: 8-6"	Point:	Sample ID: Ø1NE 09 SW 107 prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: 09SW/SP108	Page 1 of
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-23-01		Sampler(s): OGunnell/Markell		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: NA		Depth: 3" ft	Width: NA ft	
Appearance: South of Pond				
Cross-Section Number/Location (if applicable):				
Collection method: Disposable Teflon dipper		Temp. °C: 6.6	Cond. (umhos/cm): 48.7	
		pH: 7.43	CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time: 1555	Depth: 3"	Sample ID: Ø1NE 09SW108 prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				

SEDIMENT SAMPLE INFORMATION				
Collection method: Stainless Steel Spoon				
Cross-Section Number/Location (if applicable):				
Time: 1610	Depth: 8-6"	Point:	Sample ID: Ø1NE 09SP108 prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

Box

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: 09SW/SD 109	Page 1 of
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-23-01		Sampler(s): O'Connell/Maukell		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: NA		Depth: ft	Width: ft	
Appearance: North of Pond Iron Precip. Debris along Pond shore				
Cross-Section Number/Location (if applicable):				
Collection method: Disposable Teflon dipper		Temp. °C: 8.3	Cond. (umhos/cm): 51.6	
		pH: 7.55	CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time: 1650	Depth: 3"	Sample ID: Ø1NE 09SW109 (prime) dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: (DRO) (RRO) (GRO) BTEX (VOC) SVOC (PAH) (PCB) (TAL) metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: SS Spoon				
Cross-Section Number/Location (if applicable):				
Time: 1705	Depth: 6"	Point:	Sample ID: Ø1NE 09SW109 (prime) dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: (DRO) (RRO) (GRO) BTEX (VOC) (PAH) (PCB) Pesticides (TAL) metals Pb Zn Cr TOC Geotech				

SOIL SAMPLING FIELD NOTE FORM

Project Number:
1850574.260120

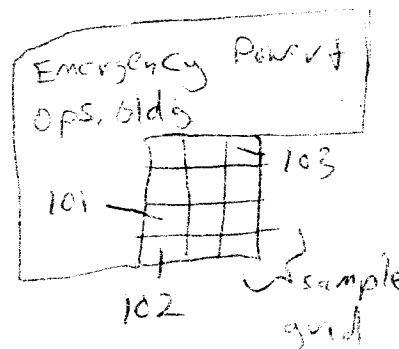
Sample
Location:
1455101-103

Project: Northeast Cape 2001 Phase III RI

Site: #14 Emergency Power/operations

Client: United States Army Engineer District - Alaska

MAP



FIELD INFORMATION

Date: 8-29-01 Sampler(s): Doug Quist

Sampling Equipment: SS Spade

SAMPLE INFORMATION

Time: 1130 Depth Interval: 0-6" ft PID: ppm

Sample ID: Ø1NE1455101 (primary) duplicate triplicate ms/msd

Time: 1135 Depth Interval: 0-6" ft PID: ppm

Sample ID: Ø1NE1455102 (primary) duplicate triplicate ms/msd

Time: 1140 Depth Interval: 0-6" ft PID: ppm

Sample ID: Ø1NE1455103 (primary) duplicate triplicate ms/msd

Time: 1145 Depth Interval: 0-6" ft PID: ppm

Sample ID: Ø1NE1455203 primary (duplicate) triplicate ms/msd

Time: 1150 Depth Interval: 0-6" ft PID: ppm

Sample ID: Ø1NE1455303 primary duplicate (triplicate) ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: Ø1NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: Ø1NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: Ø1NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: Ø1NE primary duplicate triplicate ms/msd

Analyses: DRO RRO GRO BTEX VOC PAH PCB Rest. TALmetal Pb Zn Cr TOC Geotech

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	1655165-168

Project: Northeast Cape 2001 Phase III RI
Site: #16 Paint + Dope Storage Bldg
Client: United States Army Engineer District - Alaska

MAP

FIELD INFORMATION	
Date: 8-23-01	Sampler(s): O'Connell / Martell
Sampling Equipment: SS Spoon	

SAMPLE INFORMATION					
Time: 1355	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 1655165 (primary) duplicate triplicate ms/msd					
Time: 1415	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 1655166 (primary) duplicate triplicate ms/msd					
Time: 1420	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 1655167 (primary) duplicate triplicate ms/msd					
Time: 1425	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 1655168 (primary) duplicate triplicate ms/msd					
Time: 1400	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 1655265 primary (duplicate) triplicate ms/msd					
Time: 1400	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 1655365 primary duplicate (triplicate) (ms/msd)					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech					

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: MW 16-1	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 8-23-01		Time: 1105		Sampler(s): Markell			
Well type: <u>Monitoring Well</u> Well Point Other:							
Well condition: <u>Good</u>							
Protective casing height (ft ags): 3.25				Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Minimum purge volume = $C \times 3$ <u>1.5 gal</u> Calculation:			
PVC casing height (ft ags): 2.93							
Well depth below top of PVC (ft): 16.76							
Water level below top of PVC (ft): 13.59							
Water column height (ft): 3.17 = A							
PVC casing ID (in): 2 = B							
Purging Method/Equipment:							
Sheen: <u>none</u> slight moderate abundant				Odor: <u>none</u> slight moderate strong			
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments		
0.5	1118	3.1	7.22	244.9			
1.0	1120	2.6	7.07	204.5			
1.5	1123	2.5	7.01	201.9			
2.0	1126	2.8	6.96	189.8			
2.5	1130	2.5	6.95	190.4			
Time: 1135		Sample ID: Ø1NE 16GW101 <u>primary</u> dup triplicate ms/msd					
Time: 1140		Sample ID: Ø1NE 16GW201 primary <u>dup</u> triplicate ms/msd					
Time: 1135		Sample ID: Ø1NE 16GV301 primary dup <u>triplicate</u> ms/msd					
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time:	49.2						
Time:							
Time:							
Laboratory Tests:	DRO RRO GRO BTEX Alkalinity Sulfate Methane/Ethane/Ethene						
	<u>SVOCs</u>						

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: MW 16-2	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 8-23-01		Time: 0920		Sampler(s): Markell			
Well type: <u>Monitoring Well</u> Well Point Other:							
Well condition: <u>slightly jacked above protective casing</u>							
Protective casing height (ft ags): 3.32				Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Minimum purge volume = $C \times 3$ Calculation: = 1.75 gal.			
PVC casing height (ft ags): 3.36							
Well depth below top of PVC (ft): 16.65							
Water level below top of PVC (ft): 13.25							
Water column height (ft): 3.40 = A							
PVC casing ID (in): 2 = B							
Purging Method/Equipment:							
Sheen: <u>none</u> slight moderate abundant				Odor: <u>none</u> slight moderate strong			
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments		
0.55	0940	2.6	7.66	161.8	Silty		
1.20	0945	2.8	7.05	153.1			
2.0	0955	2.5	6.89	154.0			
2.5	0958	2.6	6.83	153.1			
Time: 1005		Sample ID: Ø1NE 1 66W102 <u>primary</u> dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time:	1000 +						
Time:							
Time:							
Laboratory Tests:	DRO RRO GRO BTEX Alkalinity Sulfate Methane/Ethane/Ethene						

5VOC

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120	Well ID: MW16-3
Project: NEC 2001 Phase III RI			Client: USAED		
Date: 8-23-01		Time: 1020	Sampler(s): Drcher		
Well type: <u>Monitoring Well</u> Well Point Other:					
Well condition: <u>Good</u>					
Protective casing height (ft ags): 2.83			Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Minimum purge volume = $C \times 3$ Calculation: = 2.5 gal		
PVC casing height (ft ags): 2.63					
Well depth below top of PVC (ft): 17.28					
Water level below top of PVC (ft): 13.81					
Water column height (ft): 3.47 = A					
PVC casing ID (in): 2" = B					
Purging Method/Equipment:					
Sheen: <u>none</u> slight moderate abundant			Odor: <u>none</u> slight moderate strong		
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
1.75	1035	3.3	7.45	155.5	
1.25	1037	2.2	7.22	148.0	
2.00	1040	2.2	7.14	145.5	
2.75	1043	2.4	7.10	141.7	
3.25	1045	2.1	7.06	142.5	
Time: 1045		Sample ID: Ø1NE <u>16G U 103</u> <u>primary</u> dup triplicate ms/msd			
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd			
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd			
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:	119				
Time:					
Time:					
Laboratory Tests:	DRO RRO GRO BTEX Alkalinity Sulfate Methane/Ethane/Ethene				

SVOC

SOIL SAMPLING FIELD NOTE FORM

Project Number:
1850574.260120

Sample
Location:
21SS/5B169

Project: Northeast Cape 2001 Phase III RI

Site: 21 - Wastewater Treatment Facility

Client: United States Army Engineer District - Alaska

MAP

Δ-SS/5B169

Ast

Pipe

FIELD INFORMATION

Date: 8-24-01 Sampler(s): O'Connell/Markell

Sampling Equipment: Hand Auger / SS Spoon

SAMPLE INFORMATION

Time: 1045 Depth Interval: 0-6" ft PID: ppm

Sample ID: Ø1NE 21SS169 (primary) duplicate triplicate ms/msd

Time: 1100 Depth Interval: 18"-24" ft PID: ppm

Sample ID: Ø1NE 21SS169 (primary) duplicate triplicate ms/msd

Time: 1050 Depth Interval: 0-6" ft PID: ppm

Sample ID: Ø1NE 21SS269 primary (duplicate) triplicate ms/msd

Time: 1050 Depth Interval: 0-6" ft PID: ppm

Sample ID: Ø1NE 21SS369 primary duplicate (triplicate) ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

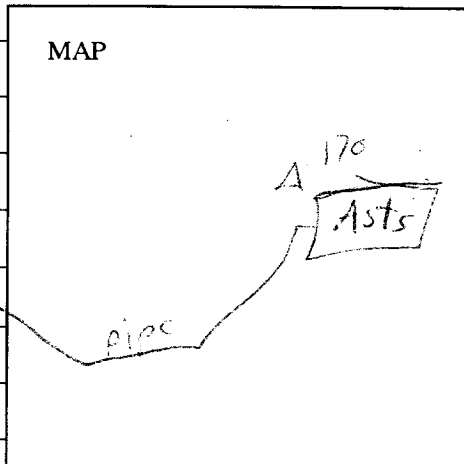
Time: Depth Interval: ft PID: ppm

Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd

Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	21SS/5B170

Project: Northeast Cape 2001 Phase III RI
Site: 21-Wastewater Treatment plant
Client: United States Army Engineer District - Alaska



FIELD INFORMATION	
Date: 8-24-01	Sampler(s): O'Connell/Martell
Sampling Equipment: 55 spoons, hand auger	

SAMPLE INFORMATION					
Time: 1125	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 21SS170 (primary) duplicate triplicate ms/msd					
Time: 1130	Depth Interval: 18-24"	ft	PID:	ppm	
Sample ID: Ø1NE 21SS170 (primary) duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech					

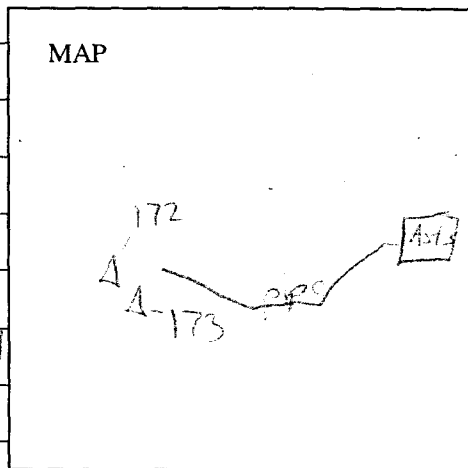
SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	21SS/SB171

Project: Northeast Cape 2001 Phase III RI	
Site: 21-Wastewater Treatment Facility	
Client: United States Army Engineer District - Alaska	
FIELD INFORMATION	
Date: 8-24-01	Sampler(s): O'Connell/Merkell
Sampling Equipment: SS Spoon/Hand Auger	

SAMPLE INFORMATION					
Time: 0950	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 21SS171 (primary) duplicate triplicate ms/msd					
Time: 1020	Depth Interval: 18-24"	ft	PID:	ppm	
Sample ID: Ø1NE 21SB171 (primary) duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech					

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	21SS172-173

Project: Northeast Cape 2001 Phase III RI
Site: 21-Wastewater Treatment Facility
Client: United States Army Engineer District - Alaska



FIELD INFORMATION	
Date: 8-24-01	Sampler(s): O Gurnell/Mackell
Sampling Equipment: SS spoon	

SAMPLE INFORMATION					
Time: 1345	Depth Interval: 0-6	ft	PID:	ppm	
Sample ID: Ø1NE 21SS172 (primary) duplicate triplicate ms/msd					
Time: 1340	Depth Interval: 0-6	ft	PID:	ppm	
Sample ID: Ø1NE 21SS173 (primary) duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TAL metal Pb Zn Cr TOC Geotech					

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: 21SW/SD113	Page 1 of
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-24-01		Sampler(s): O'Connell / Markell		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: -		Depth: -	ft	Width: -
ft				
Appearance: Pool in Tributary to Sugie River				
Cross-Section Number/Location (if applicable):				
Collection method: Disposable Teflon dipper		Temp. °C: 5.6	Cond. (umhos/cm): 260	
		pH: 6.47	CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time: 1440	Depth: 3'	Sample ID: 01NE 21SW113 prime dup trip split ms/msd		
Time: 1445	Depth: 3'	Sample ID: 01NE 21SW213 prime dup trip split ms/msd		
Time: 1445	Depth: 3'	Sample ID: 01NE 21SW313 prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: SS Spoon				
Cross-Section Number/Location (if applicable):				
Time: 1505	Depth: 6'	Point:	Sample ID: 01NE 21SD113 prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: 21 SW/SD 114	Page 1 of
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-24-01		Sampler(s): O'Connell/Markell		

SURFACE WATER SAMPLE INFORMATION				
Stream Name:	-	Depth:	-	ft Width: - ft
Appearance: Pool in tributary to Sagai River				
Cross-Section Number/Location (if applicable):				
Collection method:	Temp. °C: 5.2	Cond. (umhos/cm): 310.1		
Disposable Teflon dipper	pH: 6.57	CS Collection Point:		
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time: 1405	Depth: 3'	Sample ID: Ø1NE 21 SW 114 (prime) dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRØ (RØ) (GRØ) BTEX VOC SVOC PAH (PCB) (TAL) metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: SS Spoon				
Cross-Section Number/Location (if applicable):				
Time: 1425	Depth: 6'	Point:	Sample ID: Ø1NE 21 SW 114 (prime) dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRØ (RØ) (GRØ) BTEX VOC PAH (PCB) Pesticides (TAL) metals Pb Zn Cr TOC Geotech				

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: 35GW101	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 7-24-01		Time: 1700		Sampler(s): O'Connell/McLeah			
Well type: Monitoring Well Well Point				(Other: Potable Well)			
Well condition: good							
Protective casing height (ft ags):				Minimum purge volume calculation:			
PVC casing height (ft ags): 1.85				One well volume (gal) = $0.163A(B/2)^2 = C$			
Well depth below top of PVC (ft): 60.05				Minimum purge volume = $C \times 3$			
Water level below top of PVC (ft): 30.1				Calculation: $\approx 90 \text{ gal}$			
Water column height (ft): 30.29, 95 = A							
PVC casing ID (in): 5 = B							
Purging Method/Equipment: Submersible pump							
Sheen: (none) slight moderate abundant				Odor: (none) slight moderate strong			
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments		
5	1700	4.2	5.51	148.1			
15	1855	4.3	5.42	157.0			
25	1905	3.4	5.54	160.6			
50	1920	3.5	5.82	190.8			
75	1940	3.2	5.95	217.4			
*	Pump Tailed						
7-25-01							
80	0920	2.8	5.8	132.5			
105+	1100	2.9	5.87	128.9			
Time: 1000		Sample ID: 01NE 35GW101 (primary) dup triplicate ms/msd					
Time: 1010		Sample ID: 01NE 35GW201 primary (dup) triplicate ms/msd					
Time: 1015		Sample ID: 01NE 35GW301 primary dup (triplicate) ms/msd					
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time: 0920	920			-30.8	5.8		
Time:							
Time:							
Laboratory Tests:	(DRO)	(RRO)	(GRO)	(BTEX)	Alkalinity	Sulfate	Methane/Ethane/Ethene
				(Fe, Mn)			(N, COD)

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120	Well ID: 35GW102
Project: NEC 2001 Phase III RI			Client: USAED		
Date: 7-24-01	Time: 0945	Sampler(s): O'Connell / McLean			
Well type: Monitoring Well		Well Point: (Other) Potable Well			
Well condition: good					
Protective casing height (ft ags):			Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Minimum purge volume = $C \times 3$ Calculation: $\approx 120 \text{ gals}$		
PVC casing height (ft ags):					
Well depth below top of PVC (ft): 44.2					
Water level below top of PVC (ft): 22.45					
Water column height (ft): 21.75 = A					
PVC casing ID (in): 7" = B					
Purging Method/Equipment: Submersible pump					
Sheen: (none) slight moderate abundant			Odor: (none) slight moderate strong		
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
20	1030	3.2	6.45	142	
40	1040	2.9	6.74	110.6	
80	1055	2.9	6.80	109.1	
120	1110	3.0	6.79	106.3	
Time: 1100		Sample ID: Ø1NE 35GW102 (primary) dup triplicate ms/msd			
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd			
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd			
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time: 1030	167				
Time: 1040	166				
Time: 1055	108				
Laboratory Tests:	(DRO) (RR0) (GRO) (BTEX) (Alkalinity) (Sulfate) Methane/Ethane/Ethene (FE, Mn) (N, COD)				

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120	Well ID: 35GW103
Project: NEC 2001 Phase III RI			Client: USAED		
Date: 7-24-01	Time:	Sampler(s): O'Connell/McLern			
Well type: Monitoring Well		Well Point	(Other) Potable Well		
Well condition: good					
Protective casing height (ft ags):			Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Minimum purge volume = $C \times 3$ Calculation: $\approx 60 \text{ gals}$		
PVC casing height (ft ags):					
Well depth below top of PVC (ft): 43.22					
Water level below top of PVC (ft): 28.25					
Water column height (ft): 14.97 = A					
PVC casing ID (in): 7" = B					
Purging Method/Equipment: submersible pump					
Sheen: none slight moderate abundant			Odor: none slight moderate strong		
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
5	1205	2.5	7.71	540	
60	1245	2.7	7.78	541	
120	1400	2.8	7.67	511	
130	1700	2.7	7.61	519	
Time: 1700		Sample ID: Ø1NE 35GW103 (primary) dup triplicate ms/msd			
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd			
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd			
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time: 1400				48.3	9.7
Time:					
Time:					
Laboratory Tests:	(DRO) (RRO) (GRO) BTEX (Alkalinity Sulfate) Methane/Ethane/Ethene (Fe, Mn, N, Co, Cd)				

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120		Well ID: 35GW104	
Project: NEC 2001 Phase III RI				Client: USAED			
Date: 7-26-01		Time: 0745		Sampler(s): O'Connell/McLean			
Well type: Monitoring Well				<u>Well Point</u>		<u>Other: Potable Well</u>	
Well condition: good							
Protective casing height (ft ags):				Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Minimum purge volume = $C \times 3$ Calculation: 8240 gals			
PVC casing height (ft ags):							
Well depth below top of PVC (ft): 57.85							
Water level below top of PVC (ft): 25.65							
Water column height (ft): 32.20 = A							
PVC casing ID (in): 8" = B							
Purging Method/Equipment: Submersible Pump							
Sheen: <u>none</u> slight moderate abundant				Odor: <u>none</u> slight moderate strong			
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments		
10	0800	3.4	7.56	474			
50	0820	2.2	7.51	462			
100	0840	2.6	8.07	473			
150 +	0900	2.7	7.85	432			
Time: 0900		Sample ID: Ø1NE 35GW104 primary dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd					
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L		
Time: 0840	56.2			-51.1	8.2		
Time: 0900	56.1						
Time:							
Laboratory Tests:	<u>DRO</u> <u>RR0</u> <u>GRO</u> <u>BTEX</u> Alkalinity Sulfate Methane/Ethane/Ethene						

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: 24SW/SD114	Page 1 of
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-24-01		Sampler(s): Doug Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: NA		Depth: NA	ft	Width: NA
Appearance: Pond N. of Bldg				
Cross-Section Number/Location (if applicable):				
Collection method: Disposable Teflon dipper	Temp. °C: 10.2	Cond. (umhos/cm): 124.2		
	pH: 6.46	CS Collection Point:		
Sheen: (none) slight moderate abundant		Odor: (none) slight moderate strong		
Time: 0830	Depth: 3'	Sample ID: 01NE 24 SW 114 prime dup trip split ms/msd		
Time: 0835	Depth: 3'	Sample ID: 01NE 24 SW 214 prime dup trip split ms/msd		
Time: 0840	Depth: 3'	Sample ID: 01NE 24 SW 314 prime dup trip split ms/msd		
Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) VOC SVOC PAH PCB (TAL metals)				

SEDIMENT SAMPLE INFORMATION				
Collection method: SS Spoon				
Cross-Section Number/Location (if applicable):				
Time: 0900	Depth: Surface	Point:	Sample ID: 01NE 24 SD 114 prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: 01NE _____ prime dup trip split ms/msd	
Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) VOC PAH (PCB) Pesticides (TAL metals) Pb Zn Cr TOC Geotech				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: 24SD115	Page 1 of
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-24-01		Sampler(s): Doug Quist		

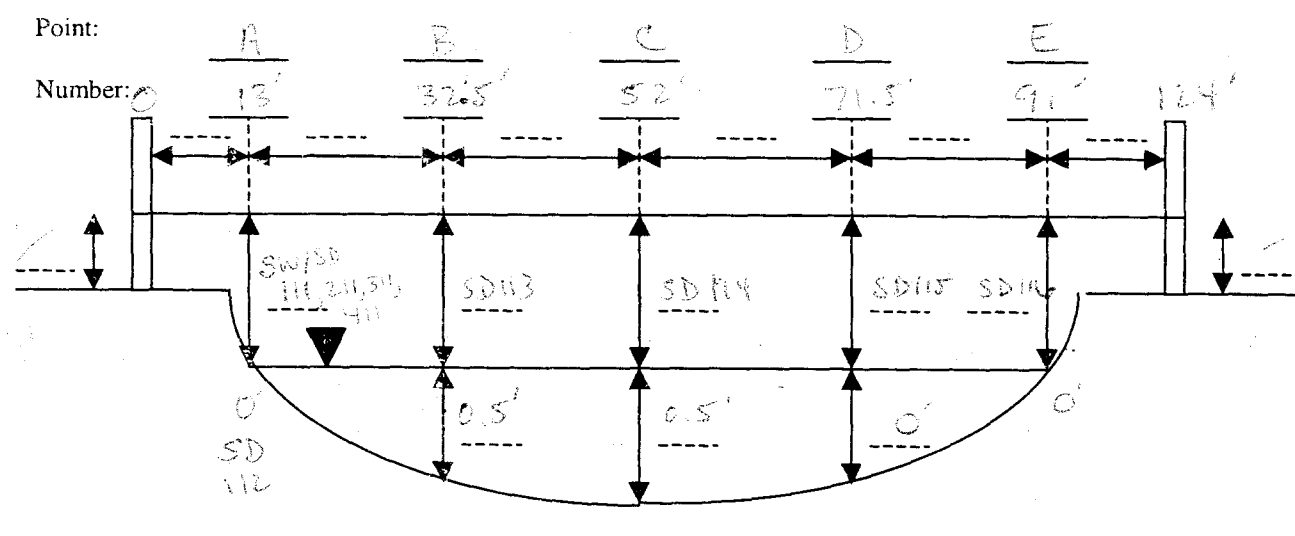
SURFACE WATER SAMPLE INFORMATION				
Stream Name:		Depth:	ft	Width:
ft				
Appearance:				
Cross-Section Number/Location (if applicable):				
Collection method:		Temp. °C:	Cond. (umhos/cm):	
Disposable Teflon dipper		pH:	CS Collection Point:	
Sheen: none slight moderate abundant			Odor: none slight moderate strong	
Time:	Depth:	Sample ID: Ø1NE	prime dup trip split ms/msd	
Time:	Depth:	Sample ID: Ø1NE	prime dup trip split ms/msd	
Time:	Depth:	Sample ID: Ø1NE	prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				

SEDIMENT SAMPLE INFORMATION				
Collection method: SS Spoon				
Cross-Section Number/Location (if applicable):				
Time: 0930	Depth: Surface	Point:	Sample ID: Ø1NE 24SD115	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Laboratory Tests: (DRO) (RRO) (GRO) BTEX VOC PAH (PCB) Pesticides (TAL metals) Pb Zn Cr TOC Geotech				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: CS-1, Site 28	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-18-01		Sampler(s): melissa markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Site 28		Depth: up to 3.5 ft	Width: variable ft	
Appearance: braided stream choked with vegetation				
Cross-Section Number/Location (if applicable): CS-1				
Collection method: Disposable Teflon dipper		Temp. °C: 4.1	Cond. (umhos/cm): 195.5 uS	
		pH: 6.63	CS Collection Point: DO: ^{HACH} 9.6 mg/L ^{YSI} 8.3 mg/L	
Sheen: none slight moderate <u>abundant</u> ^{organic}		Odor: <u>none</u> slight moderate strong		
Time: 1002	Depth: 0.5'	Sample ID: Ø1NE 28 SW 1 1 1 prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE 28 SW 2 1 1 prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE 28 SW 3 1 1 prime dup trip split ms/msd		
Laboratory Tests: <u>DRO</u> <u>RRO</u> <u>GRO</u> <u>BTEX</u> <u>VOC</u> <u>SVOC</u> <u>PAH</u> <u>PCB</u> <u>TAL</u> metals -411 split COE				

SEDIMENT SAMPLE INFORMATION				
Collection method: stainless steel spoons, hand auger cores				
Cross-Section Number/Location (if applicable): CS-1, Site 28				
Time: 1025	Depth: 0-6"	Point: A	Sample ID: Ø1NE 28 SD 1 1 1 prime dup trip split ms/msd	
Time:	Depth: 0-6"	Point: A	Sample ID: Ø1NE 28 SD 2 1 1 prime dup trip split ms/msd	
Time:	Depth: 0-6"	Point: A	Sample ID: Ø1NE 28 SD 3 1 1 prime dup trip split ms/msd	
Time:	Depth: 0-6"	Point: A	Sample ID: Ø1NE 28 SD 4 1 1 prime dup trip split ms/msd	
Time: 1040	Depth: 18"	Point: A	Sample ID: Ø1NE 28 SD 1 1 2 prime dup trip split ms/msd	
Time: 1045	Depth: 6"	Point: B	Sample ID: Ø1NE 28 SD 1 1 3 prime dup trip split ms/msd	
Time: 1050	Depth:	Point: C	Sample ID: Ø1NE 28 SD 1 1 4 prime dup trip split ms/msd	
Time: 1055	Depth:	Point: D	Sample ID: Ø1NE 28 SD 1 1 5 prime dup trip split ms/msd	
Time: 1100	Depth:	Point: E	Sample ID: Ø1NE 28 SD 1 1 6 prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: <u>DRO</u> <u>RRO</u> <u>GRO</u> <u>BTEX</u> <u>VOC</u> <u>PAH</u> <u>PCB</u> Pesticides <u>TAL</u> metals <u>Pb</u> <u>Zn</u> <u>Cr</u> <u>TOC</u> Geotech				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #: <u>1</u>	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date: <u>8-18-01</u>		Sampler(s): <u>M. Marshall, D. Quist</u>		
Stream Name: <u>Site 28</u>				
Appearance: <u>see other side</u>				
Survey/Measurement Equipment: <u>fiberglass tape, wooden lath</u>				
Site Sketch (Plan View): 				
Cross-Section Sketch: W E Point: <u>A</u> <u>B</u> <u>C</u> <u>D</u> <u>E</u> Number: <u>0</u> <u>13'</u> <u>32.5'</u> <u>52'</u> <u>71.5'</u> <u>91'</u> <u>124'</u> 				
Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: Site 28, CS-2	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-18-01		Sampler(s): Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Site 28		Depth: up to 3.5 ft	Width: variable ft	
Appearance: braided stream, choked w/ vegetation, organic/iron precip.				
Cross-Section Number/Location (if applicable): CS-2				
Collection method: Disposable Teflon dipper		Temp. ° C: —	Cond. (umhos/cm): —	
		pH: —	CS Collection Point: —	
Sheen: none slight moderate <u>abundant</u> organic Odor: none <u>slight</u> moderate strong				
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth: na	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				

SEDIMENT SAMPLE INFORMATION				
Collection method: stainless steel spoon, hand auger core				
Cross-Section Number/Location (if applicable): CS-2				
Time: 1325	Depth: 6"	Point: A	Sample ID: Ø1NE 28SD117 <u>prime</u> dup trip split ms/msd	
Time: 1335	Depth: 1.5'	Point: A	Sample ID: Ø1NE 28SD118 <u>prime</u> dup trip split ms/msd	
Time: 1340	Depth: 0.5'	Point: B	Sample ID: Ø1NE 28SD119 <u>prime</u> dup trip split ms/msd	
Time: 1345	Depth: 0.5'	Point: C	Sample ID: Ø1NE 28SD120 <u>prime</u> dup trip split ms/msd	
Time: 1350	Depth: 0.5'	Point: D	Sample ID: Ø1NE 28SD121 <u>prime</u> dup trip split ms/msd	
Time: 1355	Depth: 0.5'	Point: E	Sample ID: Ø1NE 28SD122 <u>prime</u> dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: <u>DRO</u> <u>RRO</u> <u>GRO</u> <u>BTEX</u> <u>VOC</u> <u>PAH</u> <u>PCB</u> Pesticides TAL metals <u>Pb</u> <u>Zn</u> <u>Cr</u> <u>TOC</u> Geotech				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #: 2	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date: 8-18-01	Sampler(s): m. markell, D. Quist			
Stream Name: Site 28				
Appearance: see other side				
Survey/Measurement Equipment: Fiberglass tape, wooden lath				
Site Sketch (Plan View): N				
Cross-Section Sketch: W E Point: A B C D E Number: 0 4.5' 25' 45.5' 66' 85' 96'				
Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: Site 28, CS-3	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-18-01		Sampler(s): melissa Markell, Doug Quist		

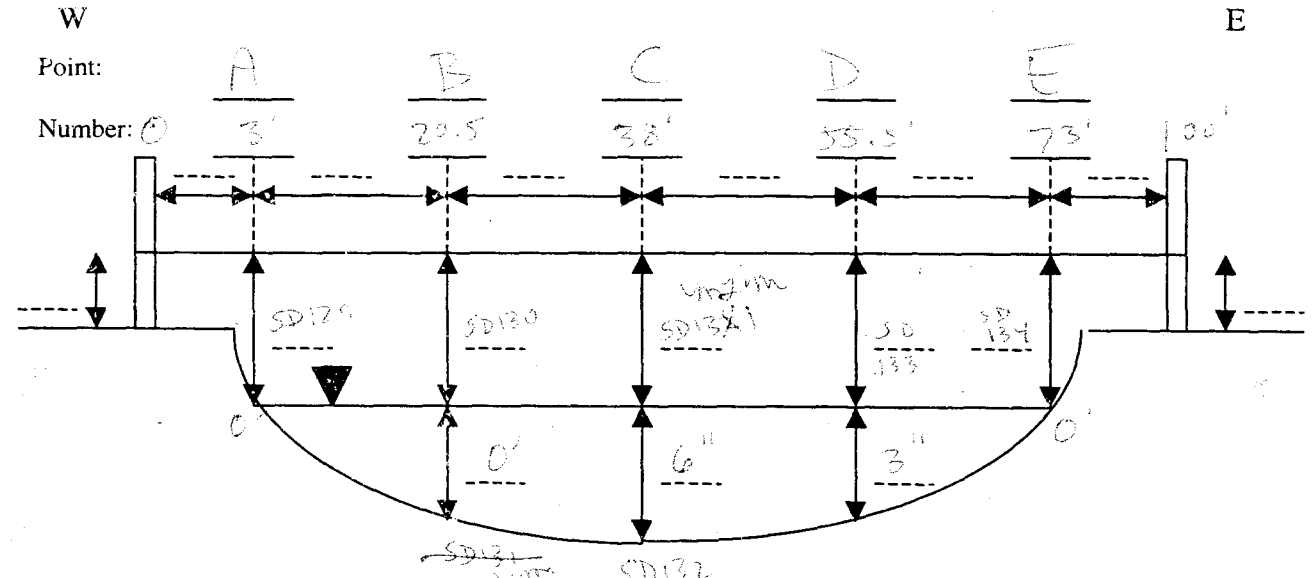
SURFACE WATER SAMPLE INFORMATION				
Stream Name: Site 28		Depth: up to 3.0 ft	Width: variable ft	
Appearance: braided stream choked with vegetation				
Cross-Section Number/Location (if applicable): CS-3				
Collection method: Disposable Teflon dipper		Temp. °C: 3.9	Cond. (umhos/cm): 201.9 uS	
		pH: 6.52	CS Collection Point: DO HACH YSI mg/L	
Sheen: none slight moderate abundant organic Odor: none slight moderate strong				
Time: 1455	Depth: 4"	Sample ID: Ø1NE 28 SW 1 1 2 prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				

SEDIMENT SAMPLE INFORMATION				
Collection method: stainless steel spoons, hand auger core				
Cross-Section Number/Location (if applicable): CS-3				
Time: 1510	Depth: 0.5'	Point: A	Sample ID: Ø1NE 28 SD 1 2 3 prime dup trip split ms/msd	
Time: 1520	Depth: 0.5'	Point: B	Sample ID: Ø1NE 28 SD 1 2 4 prime dup trip split ms/msd	
Time: 1525	Depth: 1.5'	Point: B	Sample ID: Ø1NE 28 SD 1 2 5 prime dup trip split ms/msd	
Time: 154	Depth: 1.5'	Point: ØB	Sample ID: Ø1NE 28 SD 2 2 5 prime dup trip split ms/msd	
Time:	Depth: 1.5'	Point: ØB	Sample ID: Ø1NE 28 SD 3 2 5 prime dup trip split ms/msd	
Time: 1540	Depth: 0.5'	Point: ØC	Sample ID: Ø1NE 28 SD 1 2 6 prime dup trip split ms/msd	
Time: 1545	Depth: 0.5'	Point: D	Sample ID: Ø1NE 28 SD 1 2 7 prime dup trip split ms/msd	
Time: 1550	Depth: 0.5'	Point: E	Sample ID: Ø1NE 28 SD 1 2 8 prime dup trip split ms/msd	
Time: 1540	Depth: 0.5'	Point: C	Sample ID: Ø1NE 28 SD 4 2 6 prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #: 3	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date: 8-18-01		Sampler(s): M. Markell, D. Quist		
Stream Name: Site 28				
Appearance: see other side				
Survey/Measurement Equipment: Fiberglass tape, wooden lath				
Site Sketch (Plan View): N				
Cross-Section Sketch: W E Point: A B C D E Number: 0 13' 26' 39' 52' 65' 78'				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: Site 28, CS-4	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-18-01		Sampler(s): Melissa Martell, Dong Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Site 28		Depth: up to 3 ft	Width: variable ft	
Appearance: braided stream choked w/ vegetation				
Cross-Section Number/Location (if applicable): CS-4				
Collection method: Disposable Teflon dipper		Temp. ° C: pH:	Cond. (umhos/cm): CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time:	Depth:	Sample ID: Ø1NE	prime dup trip split ms/msd	
Time:	Depth:	Sample ID: Ø1NE	prime dup trip split ms/msd	
Time:	Depth:	Sample ID: Ø1NE	prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: stainless steel spoon, hand auger core				
Cross-Section Number/Location (if applicable):				
Time: 1610	Depth: 0.5'	Point: A	Sample ID: Ø1NE 28SD129	prime dup trip split ms/msd
Time: 1615	Depth: 0.5'	Point: B	Sample ID: Ø1NE 28SD130	prime dup trip split ms/msd
Time: 1620	Depth: 0.5'	Point: C	Sample ID: Ø1NE 28SD131	prime dup trip split ms/msd
Time: 1625	Depth: 1.5'	Point: C	Sample ID: Ø1NE 28SD132	prime dup trip split ms/msd
Time: 1630	Depth: 0.5'	Point: D	Sample ID: Ø1NE 28SD133	prime dup trip split ms/msd
Time: 1635	Depth: 0.5'	Point: E	Sample ID: Ø1NE 28SD134	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #: 4	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date: 8-18-01		Sampler(s): m markell, D. Quist		
Stream Name: Site 28				
Appearance: see other side				
Survey/Measurement Equipment: fiberglass tape, wooden lath				
Site Sketch (Plan View): 				
Cross-Section Sketch: 				
Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.				

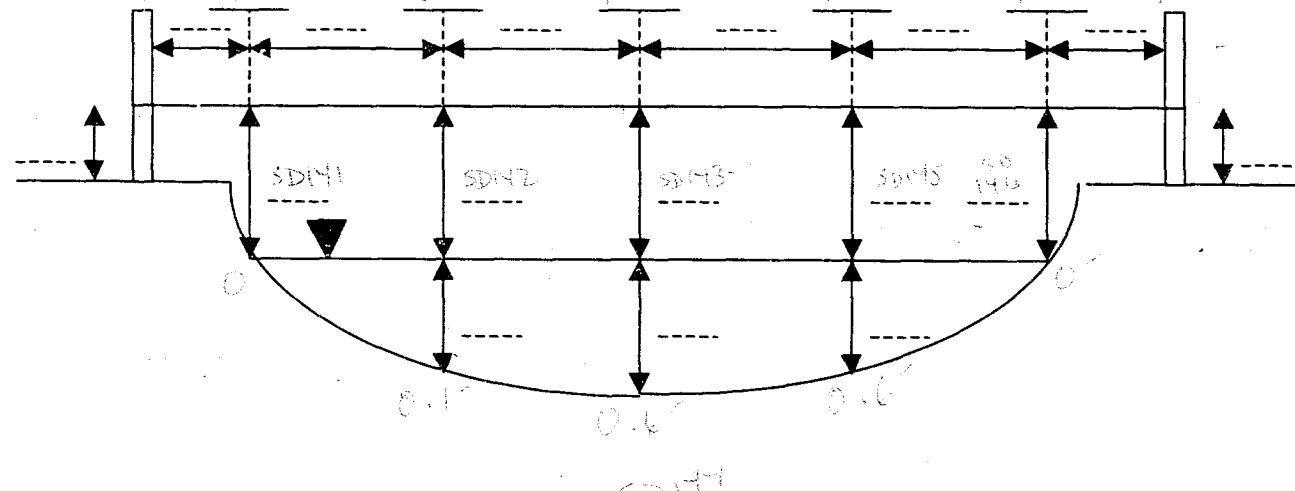
SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: CS-5	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-19-01		Sampler(s): Melissa Markell, Doug Rust		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Site 28		Depth: > 3.5 ft	Width: variable ft	
Appearance: braided channel exiting from pond, abundant vegetation				
Cross-Section Number/Location (if applicable): CS-5				
Collection method: 8/18/01 Disposable Teflon dipper		Temp. °C: 10.2	Cond. (umhos/cm): 113.9 uis	
		pH: 7.36	CS Collection Point: D01 ^{113.9 uis} _{1.0 mg/L}	
Sheen: none <u>slight</u> moderate abundant		Odor: none <u>slight</u> moderate strong		
Time: 1710	Depth: 3'	Sample ID: Ø1NE 28 SW 1 1 3 (prime) dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: <u>DRO</u> <u>RRO</u> <u>GRO</u> <u>BTEX</u> <u>VOC</u> <u>SVOC</u> <u>PAH</u> <u>PCB</u> <u>TAL</u> metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: stainless steel spoon, hand auger core				
Cross-Section Number/Location (if applicable): CS-5 8/19/01				
Time: 1000	Depth: 0.5'	Point: A	Sample ID: Ø1NE 28 SD 1 3 5 (prime) dup trip split ms/msd	
Time: 1010	Depth: 0.5'	Point: B	Sample ID: Ø1NE 28 SD 1 3 6 (prime) dup trip split ms/msd	
Time: 1015	Depth: 0.5'	Point: C	Sample ID: Ø1NE 28 SD 1 3 7 (prime) dup trip split ms/msd	
Time: 1025	Depth: 1.5'	Point: C	Sample ID: Ø1NE 28 SD 1 3 8 (prime) dup trip split ms/msd	
Time: 1035	Depth: 0.5'	Point: D	Sample ID: Ø1NE 28 SD 2 3 4 (prime) dup trip split ms/msd	
Time: 1040	Depth: 0.5'	Point: D	Sample ID: Ø1NE 28 SD 2 3 9 (prime) dup trip split ms/msd	
Time: 1035	Depth: 0.5'	Point: D	Sample ID: Ø1NE 28 SD 3 3 9 (prime) dup trip split ms/msd	
Time: 1055	Depth: 0.5'	Point: E	Sample ID: Ø1NE 28 SD 1 4 0 (prime) dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: <u>DRO</u> <u>RRO</u> <u>GRO</u> <u>BTEX</u> <u>VOC</u> <u>PAH</u> <u>PCB</u> <u>Pesticides</u> <u>TAL</u> metals <u>Pb</u> <u>Zn</u> <u>Cr</u> <u>TOC</u> <u>Geotech</u>				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #: 5	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date: 8-19-01		Sampler(s): M Markell, D Gust		
Stream Name: Site 28				
Appearance: See other side				
Survey/Measurement Equipment: fiberglass tape, wood tath				
Site Sketch (Plan View): N				
Cross-Section Sketch: WE				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: Site 28, CS-6	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-19-01		Sampler(s): Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Site 28		Depth: up to 1 ft	Width: approx. 90 ft	
Appearance: pond, abundant vegetation & wind-blown bldg debris				
Cross-Section Number/Location (if applicable): CS-6				
Collection method: Disposable Teflon dipper		Temp. ° C: pH:	Cond. (umhos/cm): CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth: na	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: stainless steel spoon, hand auger core				
Cross-Section Number/Location (if applicable): CS-6				
Time: 1310	Depth: 0.5'	Point: A	Sample ID: Ø1NE 28SD141 (prime) dup trip split ms/msd	
Time: 1315	Depth: 0.5'	Point: B	Sample ID: Ø1NE 28SD142 (prime) dup trip split ms/msd	
Time: 1325	Depth: 0.5'	Point: C	Sample ID: Ø1NE 28SD143 (prime) dup trip split ms/msd	
Time: 1335	Depth: 1.5'	Point: C	Sample ID: Ø1NE 28SD144 (prime) dup trip split ms/msd	
Time: 1345	Depth: 0.5'	Point: D	Sample ID: Ø1NE 28SD145 (prime) dup trip split ms/msd	
Time: 1355	Depth: 0.5'	Point: E	Sample ID: Ø1NE 28SD146 (prime) dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech-				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #: 6	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date: 8-19-01		Sampler(s): M Markell, D Quist		
Stream Name: Site 25				
Appearance: See other side				
Survey/Measurement Equipment: fiberglass tape, wood lath				
Site Sketch (Plan View): 				
Cross-Section Sketch: W E Point: A B C D E Number: 0 63' 84.5' 106.5' 128' 150' 160' 				
Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: Site 28, CS-7	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-19-01		Sampler(s): melissa markell, Doug Gust		

SURFACE WATER SAMPLE INFORMATION

Stream Name: Site 28	Depth: < 0.5 ft	Width: 7.3 ft
Appearance: brown & green scum on surface, abundant fuel sheen		
Cross-Section Number/Location (if applicable): CS-7B		
Collection method: Disposable Teflon dipper	Temp. °C: 5.2	Cond. (umhos/cm): 138.6 uS
	pH: 7.4	CS Collection Point: DO: 4.44 4.51 8.8 mg/L 7.9 mg/L
Sheen: none slight moderate abundant		Odor: none slight moderate strong
Time: 1415	Depth: 2'	Sample ID: Ø1NE 28 SW 114 prime dup trip split ms/msd
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals		

SEDIMENT SAMPLE INFORMATION

Collection method: stainless steel spoon, hand auger core			
Cross-Section Number/Location (if applicable): CS-7			
Time: 1455	Depth: 0.5'	Point: A	Sample ID: Ø1NE 28 SD 147 prime dup trip split ms/msd
Time: 1505	Depth: 1.5'	Point: A	Sample ID: Ø1NE 28 SD 148 prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _____ 248 prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _____ 348 prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _____ 448 prime dup trip split ms/msd
Time: 1510	Depth: 0.5'	Point: B	Sample ID: Ø1NE 28 SD 149 prime dup trip split ms/msd
Time: 1520	Depth: 1.5'	Point: B	Sample ID: Ø1NE 28 SD 150 prime dup trip split ms/msd
Time: 1530	Depth: 0.5'	Point: C	Sample ID: Ø1NE 28 SD 151 prime dup trip split ms/msd
Time: 1535	Depth: 0.5'	Point: C	Sample ID: Ø1NE 28 SD 251 prime dup trip split ms/msd
Time: 1538	Depth: 0.5'	Point: C	Sample ID: Ø1NE 28 SD 351 prime dup trip split ms/msd
Time: 1530	Depth: 0.5'	Point: C	Sample ID: Ø1NE 28 SD 451 prime dup trip split ms/msd
Time: 1545	Depth: 1.5'	Point: C	Sample ID: Ø1NE 28 SD 152 prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech			

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #: 7	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date: 8-19-01		Sampler(s): M. Markell, D. Quist		
Stream Name: Site 28				
Appearance: see other side				
Survey/Measurement Equipment: fiberglass tape, wood lath				
Site Sketch (Plan View):				
Cross-Section Sketch:				
Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.				

CS #: 7

Page 2
of 2

Client: USAED

Sampler(s): M. Markell, D. Quist

Stream Name: Site 29

Appearance: See other side

Survey/Measurement Equipment: fiberglass tape, wood lathe

Site Sketch (Plan View):



Cross-Section Sketch:

W

E

Point:

Number: 10

A

371

77.

100

1950

Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: Site 28, CS-8	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-19-01		Sampler(s): Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Site 28		Depth: 1 ft	Width: 8 ft	
Appearance: channel full of debris (mainly sheet metal), fuel sheen				
Cross-Section Number/Location (if applicable):				
Collection method: Disposable Teflon dipper		Temp. ° C:	Cond. (umhos/cm):	
		pH:	CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: stainless steel spoon, hand auger core				
Cross-Section Number/Location (if applicable): CS-8				
Time: 1610	Depth: 0.5'	Point: A	Sample ID: Ø1NE 28SD153 prime dup trip split ms/msd	
Time: 1615	Depth: 0.5'	Point: A	Sample ID: Ø1NE 28SD253 prime dup trip split ms/msd	
Time: 1620	Depth: 0.5'	Point: A	Sample ID: Ø1NE 28SD353 prime dup trip split ms/msd	
Time: 1625	Depth: 1.5'	Point: A	Sample ID: Ø1NE 28SD154 prime dup trip split ms/msd	
Time: 1630	Depth: 0.5'	Point: B	Sample ID: Ø1NE 28SD155 prime dup trip split ms/msd	
Time: 1635	Depth: 1.5'	Point: B	Sample ID: Ø1NE 28SD156 prime dup trip split ms/msd	
Time: 1640	Depth: 0.5'	Point: C	Sample ID: Ø1NE 28SD157 prime dup trip split ms/msd	
Time: 1645	Depth: 0.5'	Point: C	Sample ID: Ø1NE 28SD257 prime dup trip split ms/msd	
Time: 1650	Depth: 0.5'	Point: C	Sample ID: Ø1NE 28SD357 prime dup trip split ms/msd	
Time: 1655	Depth: 1.5'	Point: C	Sample ID: Ø1NE 28SD158 prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	CS #: 8	Page 2 of 2
-------------------------------------	-----------------------------------	---------	----------------

Project: NEC 2001 Phase III RI	Client: USAED
--------------------------------	---------------

Date: 8-19-01	Sampler(s): M. Martell, D. Quist
---------------	----------------------------------

Stream Name: Site 28

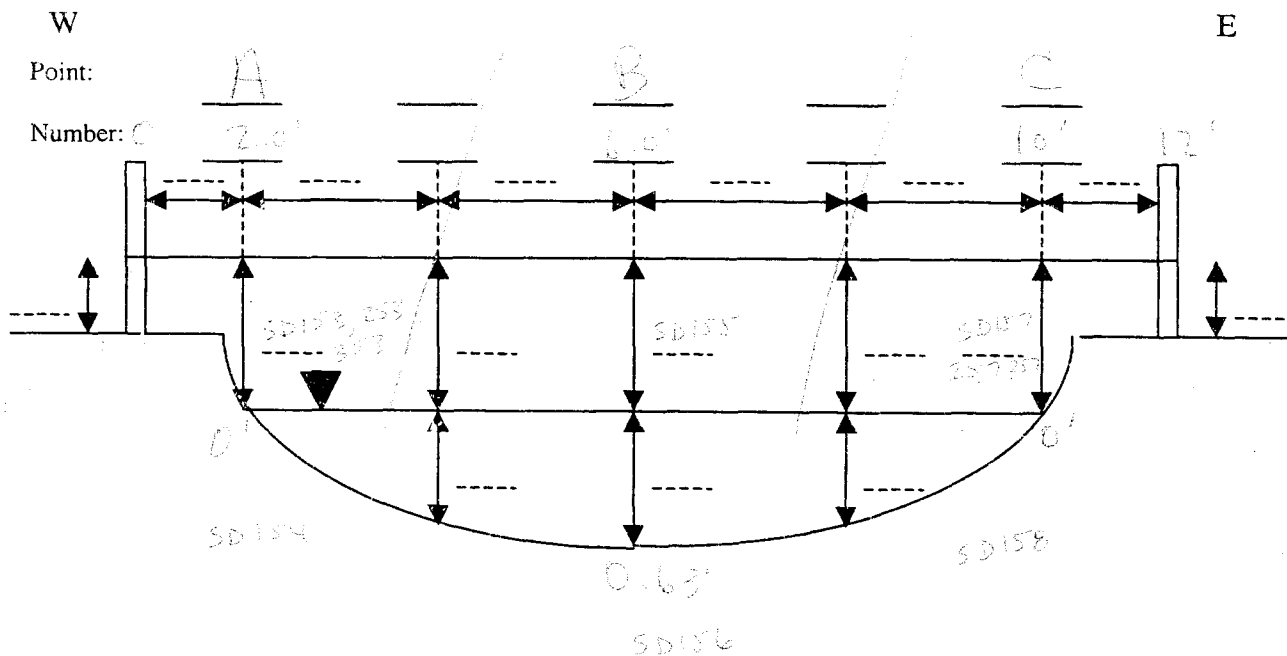
Appearance: see other side

Survey/Measurement Equipment: fiberglass tape, wooden lath
--

Site Sketch (Plan View):



Cross-Section Sketch:

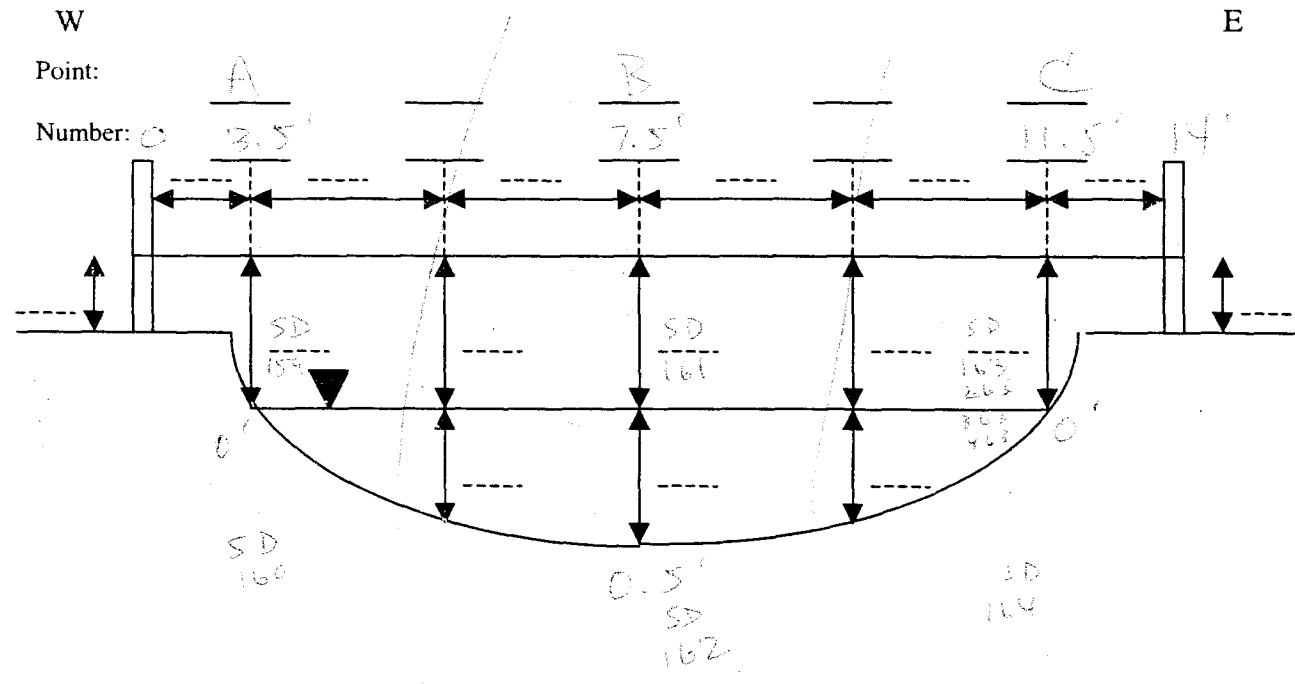


Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: Site 28, CS-9	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8/20/01		Sampler(s): Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Site 28		Depth: 0.5 ft	Width: 8.0 ft	
Appearance: abundant debris, scum				
Cross-Section Number/Location (if applicable): CS-9				
Collection method: 8/19/01 Disposable Teflon dipper	Temp. °C: 5.3	Cond. (umhos/cm): 81.7 uS		
	pH: 6.96	CS Collection Point: DO: 7.0 mg/L ^{ITACH} _{YSI} 9.6 mg/L		
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time: 1430	Depth: 2"	Sample ID: Ø1NE 28 SW 1 1 5 prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				

SEDIMENT SAMPLE INFORMATION				
Collection method: stainless steel spoon, hand auger core				
Cross-Section Number/Location (if applicable): CS-9				
Time: 1355	Depth: 6"	Point: A	Sample ID: Ø1NE 28 SD 1 5 9 prime dup trip split ms/msd	
Time: 1405	Depth: 12"	Point: A	Sample ID: Ø1NE 28 SD 1 6 0 prime dup trip split ms/msd	
Time: 1410	Depth: 6"	Point: B	Sample ID: Ø1NE 28 SD 1 6 1 prime dup trip split ms/msd	
Time: NA	Depth: NA	Point: B	Sample ID: Ø1NE _____ 1 6 2 not collected prime dup trip split ms/msd	
Time: 1430	Depth: 6"	Point: C	Sample ID: Ø1NE 28 SD 1 6 3 prime dup trip split ms/msd	
Time: 1440	Depth: 1.5'	Point: C	Sample ID: Ø1NE 28 SD 1 6 4 prime dup trip split ms/msd	
Time: 1435	Depth: 6"	Point: C	Sample ID: Ø1NE 28 SD 2 6 3 prime dup trip split ms/msd	
Time: 1430	Depth: 6"	Point: C	Sample ID: Ø1NE 28 SD 3 6 3 prime dup trip split ms/msd	
Time: 1430	Depth: 6"	Point: C	Sample ID: Ø1NE 28 SD 4 6 3 prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #: 9	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date: 8-20-01	Sampler(s): M. Markell, D. Quist			
Stream Name: Site 28				
Appearance: See other side				
Survey/Measurement Equipment: fiberglass tape, wood kathy.				
Site Sketch (Plan View): 				
Cross-Section Sketch: W E Point: _____ Number: C 				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: CS-10	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-20-01		Sampler(s): Melissa Martelli, Doug Aust		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Site 28		Depth: 0.6' ft	Width: 22 ft	
Appearance: abundant debris, scum, fuel sheen				
Cross-Section Number/Location (if applicable): CS-10				
Collection method: Disposable Teflon dipper		Temp. ° C:	Cond. (umhos/cm):	
		pH:	CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time:	Depth:	Sample ID: Ø1NE	prime dup trip split ms/msd	
Time:	Depth:	Sample ID: Ø1NE	prime dup trip split ms/msd	
Time:	Depth:	Sample ID: Ø1NE	prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: stainless steel spoon, hand auger core				
Cross-Section Number/Location (if applicable):				
Time: 1450	Depth: 6"	Point: A	Sample ID: Ø1NE 28SD165	prime dup trip split ms/msd
Time: 1455	Depth: 1.5'	Point: A	Sample ID: Ø1NE 28SD166	prime dup trip split ms/msd
Time: 1505	Depth: 6"	Point: B	Sample ID: Ø1NE 28SD167	prime dup trip split ms/msd
Time: 1510	Depth: 1.5'	Point: B	Sample ID: Ø1NE 28SD168	prime dup trip split ms/msd
Time: 1515	Depth: 6"	Point: C	Sample ID: Ø1NE 28SD169	prime dup trip split ms/msd
Time: 1530	Depth: 8"	Point: C	Sample ID: Ø1NE 28SD170	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: CS-11	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-20-01		Sampler(s): melissa markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Site 28		Depth: 4.3 inches ft	Width: variable ft	
Appearance: saturated soil with puddles, abundant vegetation				
Cross-Section Number/Location (if applicable): CS-11				
Collection method: Turb. Disposable Teflon dipper NTD		Temp. °C: 4.8	Cond. (umhos/cm): 66.6 uS	
		pH: 8.61	CS Collection Point: DO: 14.2 CH 8.7 mg/L 8.9 mg/L	
Sheen: none slight moderate abundant			Odor: none slight moderate strong	
Time: 1010	Depth: 2"	Sample ID: Ø1NE 28 SW 1 1 6 prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: stainless steel spoon, hand auger core				
Cross-Section Number/Location (if applicable): CS-11				
Time: 1020	Depth: 6"	Point: A	Sample ID: Ø1NE 28 SD 1 7 1 prime dup trip split ms/msd	
Time: 1025	Depth: 6"	Point: A	Sample ID: Ø1NE 28 SD 2 7 1 prime dup trip split ms/msd	
Time: 1020	Depth: 6"	Point: A	Sample ID: Ø1NE 28 SD 3 7 1 prime dup trip split ms/msd	
Time: 1020	Depth: 6"	Point: A	Sample ID: Ø1NE 28 SD 4 7 1 prime dup trip split ms/msd	
Time: 1030	Depth: 6"	Point: B	Sample ID: Ø1NE 28 SD 1 7 2 prime dup trip split ms/msd	
Time: 1035	Depth: 6"	Point: C	Sample ID: Ø1NE 28 SD 1 7 3 prime dup trip split ms/msd	
Time: 1040	Depth: 12"	Point: C	Sample ID: Ø1NE 28 SD 1 7 4 prime dup trip split ms/msd	
Time: 1045	Depth: 6"	Point: D	Sample ID: Ø1NE 28 SD 2 7 4 prime dup trip split ms/msd	
Time: 1050	Depth: 6"	Point: D	Sample ID: Ø1NE 28 SD 2 7 5 prime dup trip split ms/msd	
Time: 1045	Depth: 6"	Point: D	Sample ID: Ø1NE 28 SD 3 7 5 prime dup trip split ms/msd	
Time: 1055	Depth: 6"	Point: E	Sample ID: Ø1NE 28 SD 1 7 6 prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

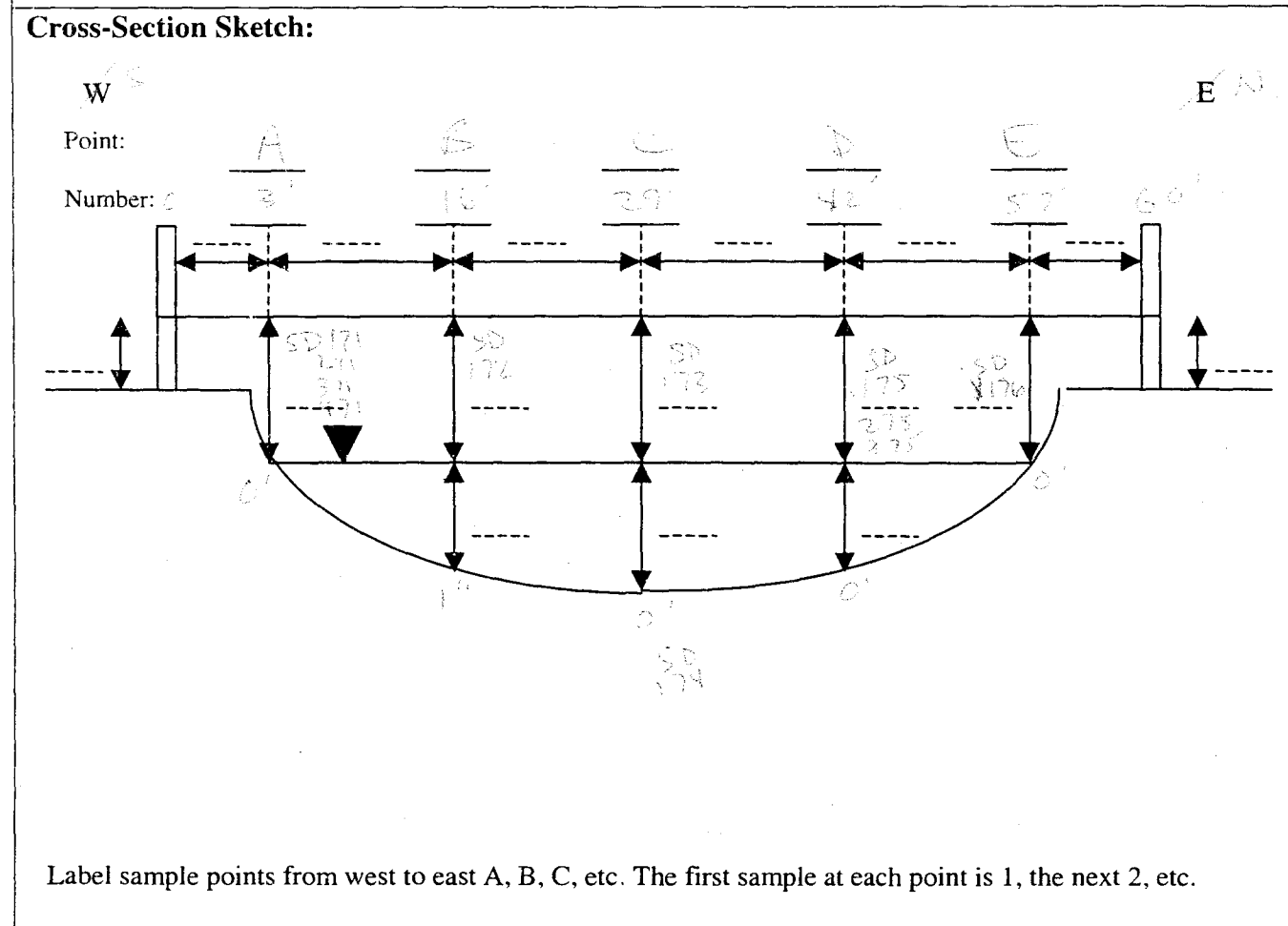
STREAM CROSS-SECTION DIAGRAM	Project Number: 1850574.260120	CS #: 11	Page 2 of 2
-------------------------------------	-----------------------------------	----------	----------------

Project: NEC 2001 Phase III RI	Client: USAED
Date: 8-20-01	Sampler(s): Melissa Martell, Doug Quist
Stream Name: site 29	
Appearance: see other side	
Survey/Measurement Equipment: fiberglass tape, wood lath	

Site Sketch (Plan View):



N



SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: CS-12	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-20-01		Sampler(s): Melissa Markelle, Doug Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Site 28		Depth: up to 3" ft	Width: variable ft	
Appearance: saturated soil w/ puddles, vegetation, disturbed area				
Cross-Section Number/Location (if applicable): CS-12 at south end				
Collection method: Disposable Teflon dipper		Temp. ° C: pH:	Cond. (umhos/cm): CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: stainless steel spoon, hand auger core				
Cross-Section Number/Location (if applicable): CS-12				
Time: 1115	Depth: 6"	Point: A	Sample ID: Ø1NE 28 SD 177 prime dup trip split ms/msd	
Time: 1120	Depth: 6"	Point: B	Sample ID: Ø1NE 28 SD 178 prime dup trip split ms/msd	
Time: 1125	Depth: 6"	Point: C	Sample ID: Ø1NE 28 SD 179 prime dup trip split ms/msd	
Time: 1130	Depth: 18"	Point: C	Sample ID: Ø1NE 28 SD 180 prime dup trip split ms/msd	
Time: 1135	Depth: 6"	Point: D	Sample ID: Ø1NE 28 SD 181 prime dup trip split ms/msd	
Time: 1140	Depth: 6"	Point: E	Sample ID: Ø1NE 28 SD 182 prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #: 12	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date: 8-20-01		Sampler(s): M. Markell, Doug Quist		
Stream Name: site 28				
Appearance: see other side				
Survey/Measurement Equipment: fiberglass tape, wood lath				
Site Sketch (Plan View): N				
Cross-Section Sketch:				
Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: <i>SC-1</i>	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: <i>8-21-01</i>		Sampler(s): <i>Melissa Markell, Doug Quist</i>		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: <i>Sugi River</i>		Depth: <i>1.35</i> ft	Width: <i>8.0</i> ft	
Appearance: <i>clear, no sheen or odor</i>				
Cross-Section Number/Location (if applicable): <i>SC-1</i>				
Collection method: Disposable Teflon dipper		Temp. °C: <i>7.6</i> / <i>45.3</i>	Cond. (umhos/cm): <i>1384</i> <i>uS</i>	
		pH: <i>7.47</i> / <i>1.50</i> / <i>NTU</i>	CS Collection Point: <i>NACH DO: 11.0</i> <i>mg/L</i>	
Sheen: <i>none</i> slight moderate abundant		Odor: <i>none</i> slight moderate strong		
Time: <i>1625</i>	Depth: <i>3"</i>	Sample ID: Ø1NE <i>29SD114</i> <i>prime dup trip split ms/msd</i>		
Time:	Depth:	Sample ID: Ø1NE _____ <i>prime dup trip split ms/msd</i>		
Time:	Depth:	Sample ID: Ø1NE _____ <i>prime dup trip split ms/msd</i>		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: <i>hand auger core</i>				
Cross-Section Number/Location (if applicable): <i>SC-1</i>				
Time: <i>1630</i>	Depth: <i>6"</i>	Point: <i>A</i>	Sample ID: Ø1NE <i>29SD114</i> <i>prime dup trip split ms/msd</i>	
Time: <i>(1635)</i>	Depth: <i>6"</i>	Point: <i>A</i>	Sample ID: Ø1NE <i>29SD214</i> <i>prime dup trip split ms/msd</i>	
Time: <i>1630</i>	Depth: <i>6"</i>	Point: <i>A</i>	Sample ID: Ø1NE <i>29SD314</i> <i>prime dup trip split ms/msd</i>	
Time: <i>1630</i>	Depth: <i>6"</i>	Point: <i>A</i>	Sample ID: Ø1NE <i>29SD414</i> <i>prime dup trip split ms/msd</i>	
Time: <i>1650</i>	Depth: <i>6"</i>	Point: <i>B</i>	Sample ID: Ø1NE <i>29SD115</i> <i>prime dup trip split ms/msd</i>	
Time: <i>1705</i>	Depth: <i>6"</i>	Point: <i>C</i>	Sample ID: Ø1NE <i>29SD116</i> <i>prime dup trip split ms/msd</i>	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ <i>prime dup trip split ms/msd</i>	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ <i>prime dup trip split ms/msd</i>	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ <i>prime dup trip split ms/msd</i>	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ <i>prime dup trip split ms/msd</i>	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ <i>prime dup trip split ms/msd</i>	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ <i>prime dup trip split ms/msd</i>	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ <i>prime dup trip split ms/msd</i>	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ <i>prime dup trip split ms/msd</i>	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ <i>prime dup trip split ms/msd</i>	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ <i>prime dup trip split ms/msd</i>	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals <i>Pb Zn Cr TOC Geotech</i>				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #: SC-1	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date: 8-21-01		Sampler(s): Annarkeel, D. Gust		
Stream Name: Sulgi River				
Appearance: see other side				
Survey/Measurement Equipment: fiberglass tape, wood lath				
Site Sketch (Plan View): N				
Cross-Section Sketch: W E Point: Number: C A 1.0' B 5.0' C 9.0' 10.9'				
Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: <u>SC-2</u>	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date:		Sampler(s):		

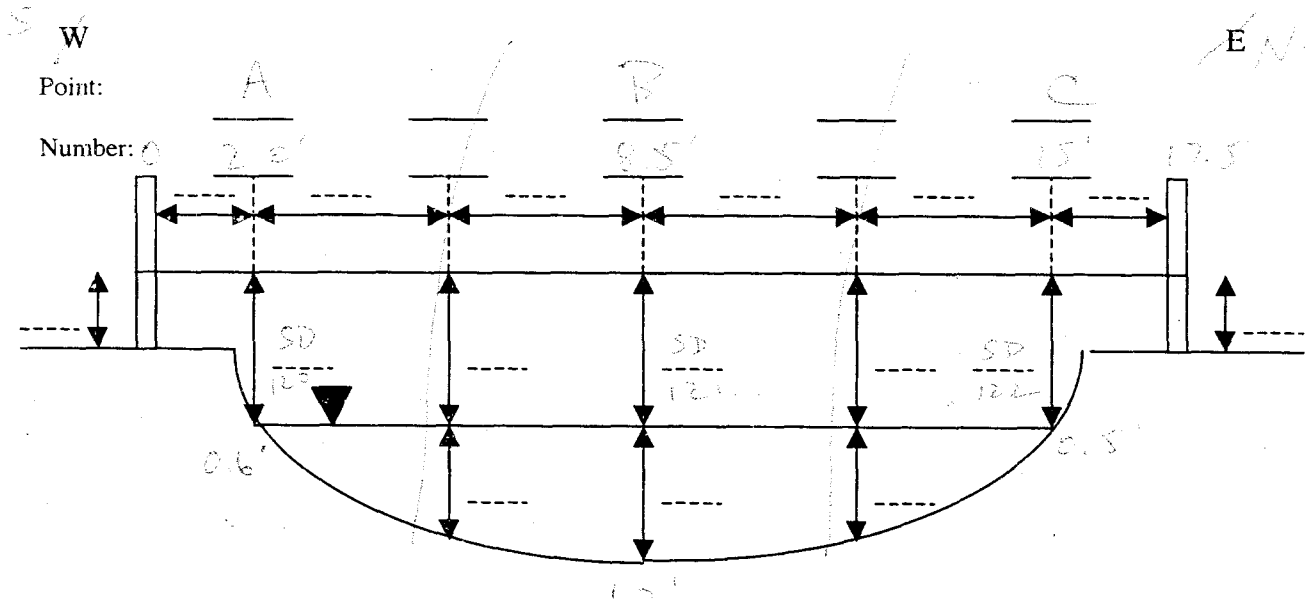
SURFACE WATER SAMPLE INFORMATION				
Stream Name: <u>Sugi River</u>		Depth: <u>20.5</u> ft	Width: <u>20.5</u> ft	
Appearance: <u>clear, wide spot in river with eddy</u>				
Cross-Section Number/Location (if applicable): <u>SC-2</u>				
Collection method: Disposable Teflon dipper		Temp. ° C: <u>7.2</u>	Cond. (umhos/cm): <u>142.3</u> mS	
		pH: <u>7.38</u> ^{turb} _{1.2 NTU}	CS Collection Point: <u>Heck DO: 10.8</u>	
Sheen: <u>none</u> slight moderate abundant		Odor: <u>none</u> slight moderate strong		
Time: <u>1530</u>	Depth: <u>3"</u>	Sample ID: <u>Ø1NE 29 SW 115</u> <u>prime</u> dup trip split ms/msd		
Time:	Depth:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: <u>hand auger core</u>				
Cross-Section Number/Location (if applicable): <u>SC-2</u>				
Time: <u>1540</u>	Depth: <u>6"</u>	Point: <u>A</u>	Sample ID: <u>Ø1NE 29 S P 117</u> <u>prime</u> dup trip split ms/msd	
Time: <u>1545</u>	Depth: <u>6"</u>	Point: <u>B</u>	Sample ID: <u>Ø1NE 29 S D 118</u> <u>prime</u> dup trip split ms/msd	
Time: <u>1550</u>	Depth: <u>6"</u>	Point: <u>C</u>	Sample ID: <u>Ø1NE 29 S D 119</u> <u>prime</u> dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: <u>Ø1NE</u> _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals <u>Pb Zn Cr TOC</u> Geotech				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #: SC-2	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date: 8-21-01		Sampler(s): M. Markell, D. Quist		
Stream Name: Sugi River				
Appearance: see other side				
Survey/Measurement Equipment: fiberglass tape, wood lath				
Site Sketch (Plan View): N				
Cross-Section Sketch: W (S) E Point: A B C Number: 0 2.0' 10.25' 22.5' 24' SD117 0' SD118 1.5' SD119 2.0' SD120 2.4' eddy				
Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.				

CS-X3

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: SW/SD 116	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-21-01		Sampler(s): Melissa Markell, Doug Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Sugar River		Depth: 1.2 ft	Width: 13 ft	
Appearance: clear, no sheen when sediments disturbed				
Cross-Section Number/Location (if applicable): SC-3				
Collection method: Disposable Teflon dipper		Temp. °C: 6.9	Cond. (umhos/cm): 2.175 mS	turb. 2.08
		pH: 7.43	CS Collection Point: Hach DO: 11.0 mg/L	NTU
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time: 1335	Depth: 3"	Sample ID: Ø1NE 29 SW 1 1 6 (prime) dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: stainless steel hand auger core				
Cross-Section Number/Location (if applicable):				
Time: 1400	Depth: 6"	Point: A	Sample ID: Ø1NE 29 SD 1 2 0 (prime) dup trip split ms/msd	
Time: 1405	Depth: 6"	Point: B	Sample ID: Ø1NE 29 SD 1 2 1 (prime) dup trip split ms/msd	
Time: 1415	Depth: 6"	Point: C	Sample ID: Ø1NE 29 SD 1 2 2 (prime) dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #: <u>SC-3</u>	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date: <u>8-21-06</u>		Sampler(s): <u>M. Markell, D. Quist</u>		
Stream Name: <u>Sugi</u>				
Appearance: <u>see other side</u>				
Survey/Measurement Equipment: <u>Alberglas, tape, wood lat</u>				
Site Sketch (Plan View): 				
Cross-Section Sketch: 				
Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: Site 29 CS-4	Page 1 of 2
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-21-01		Sampler(s): Shannon Dreher & Doug Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Sugj River		Depth: _____ ft	Width: _____ ft	
Appearance: Clear no sheen or odor				
Cross-Section Number/Location (if applicable): CS-4				
Collection method: Disposable Teflon dipper		Temp. °C: pH: _____	Cond. (umhos/cm): CS Collection Point: _____	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time: _____	Depth: _____	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time: _____	Depth: _____	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time: _____	Depth: _____	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: hand auger core				
Cross-Section Number/Location (if applicable):				
Time: 0900	Depth: 6"	Point: A	Sample ID: Ø1NE 29SD123 (prime) dup trip split ms/msd	
Time: 0910	Depth: 3ft	Point: B	Sample ID: Ø1NE 29SD124 (prime) dup trip split ms/msd	
Time: 0945	Depth: 1.7ft	Point: C	Sample ID: Ø1NE 29SD125 (prime) dup trip split ms/msd	
Time: 0955	Depth: 1.7ft	Point: C	Sample ID: Ø1NE 29SD225 prime (dup) trip split ms/msd	
Time: 1000	Depth: 1.7ft	Point: C	Sample ID: Ø1NE 29SD325 prime dup (trip) split ms/msd	
Time: 1005	Depth: 1.7ft	Point: C	Sample ID: Ø1NE 29SD425 prime dup trip (split) ms/msd	
Time: _____	Depth: _____	Point: _____	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time: _____	Depth: _____	Point: _____	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time: _____	Depth: _____	Point: _____	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time: _____	Depth: _____	Point: _____	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time: _____	Depth: _____	Point: _____	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time: _____	Depth: _____	Point: _____	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time: _____	Depth: _____	Point: _____	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time: _____	Depth: _____	Point: _____	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time: _____	Depth: _____	Point: _____	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time: _____	Depth: _____	Point: _____	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC (PAH) (PCB) Pesticides TAL metals (Pb) (Zn) (Cr) (TOC) Geotech				

STREAM CROSS-SECTION DIAGRAMProject Number:
1850574.260120

CS #: CS-4

Page 2
of 2

Project: NEC 2001 Phase III RI

Client: USAED

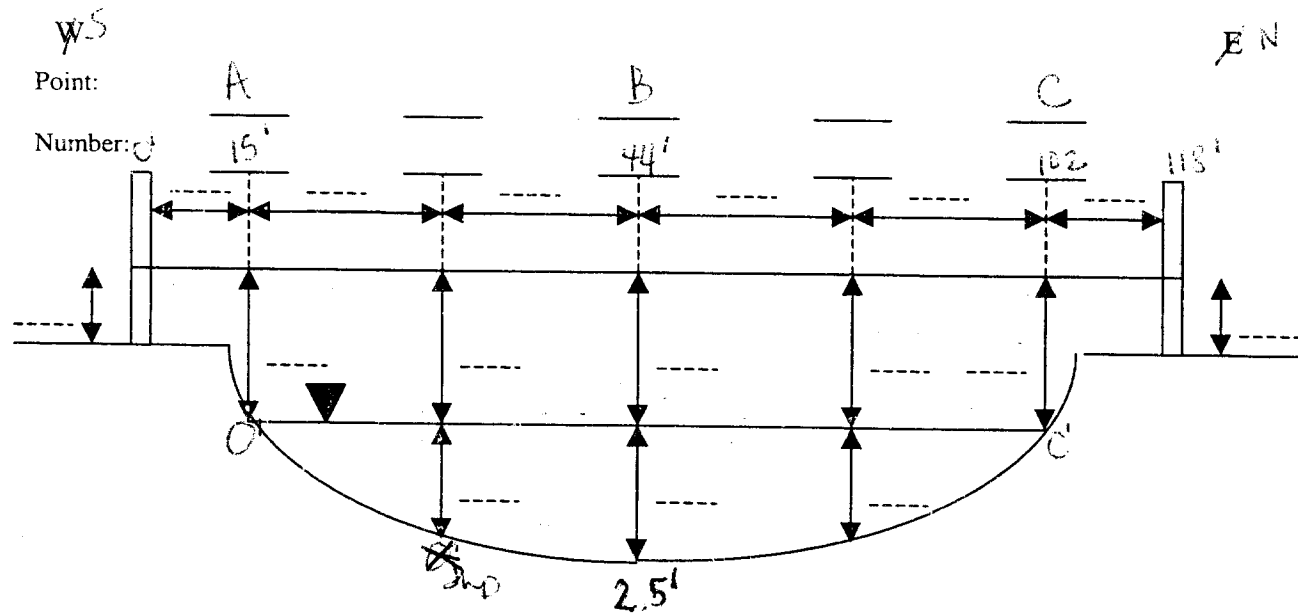
Date: 8-21-01

Sampler(s): Dreher, Quist

Stream Name: Sugj

Appearance: clear no sheen or odor

Survey/Measurement Equipment: fiber glass tape, wood bath

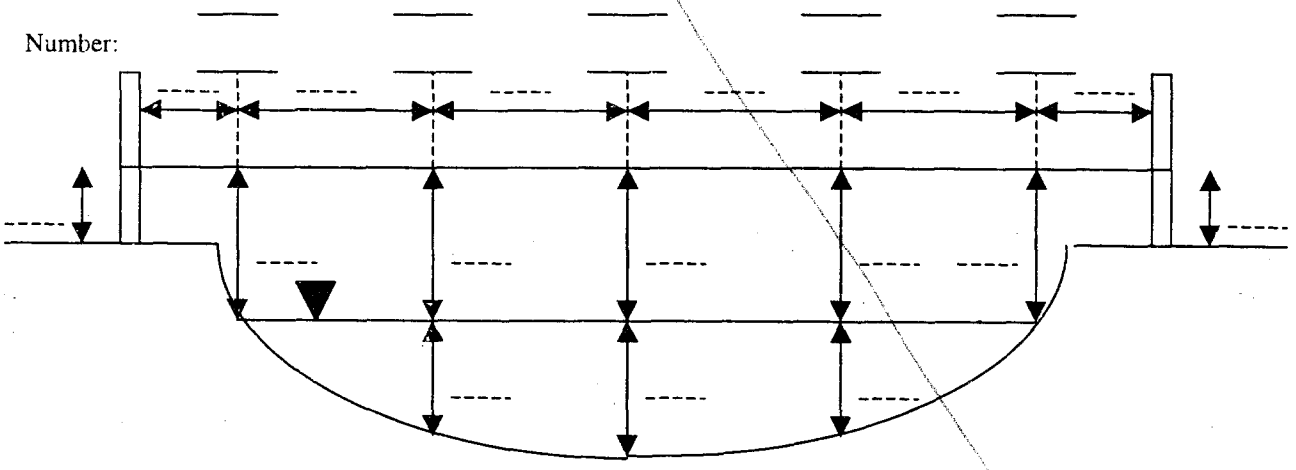
Site Sketch (Plan View):**Cross-Section Sketch:**

Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: Site 29	Page 1 of 1
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-20-01		Sampler(s): Johanna Dreher & Doug Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Sugj River		Depth: _____ ft	Width: _____ ft	
Appearance: Clear, no sheen or odor				
Cross-Section Number/Location (if applicable): _____				
Collection method: Disposable Teflon dipper		Temp. °C: 8.3	Cond. (umhos/cm): 233	
		pH: 8.3	CS Collection Point: HACH DO II mg/L	
Sheen: none slight moderate abundant			Odor: none slight moderate strong	
Time: 1940	Depth: 2"	Sample ID: Ø1NE 29 SW 117 prime dup trip split ms/msd		
Time: 1945	Depth: 2"	Sample ID: Ø1NE 29 SW 217 prime dup trip split ms/msd		
Time: 1950	Depth: 2"	Sample ID: Ø1NE 29 SW 317 prime dup trip split ms/msd		
Laboratory Tests: DRO/RRO GRO/BTEX VOC SVOC PAH PCB TAL metals				

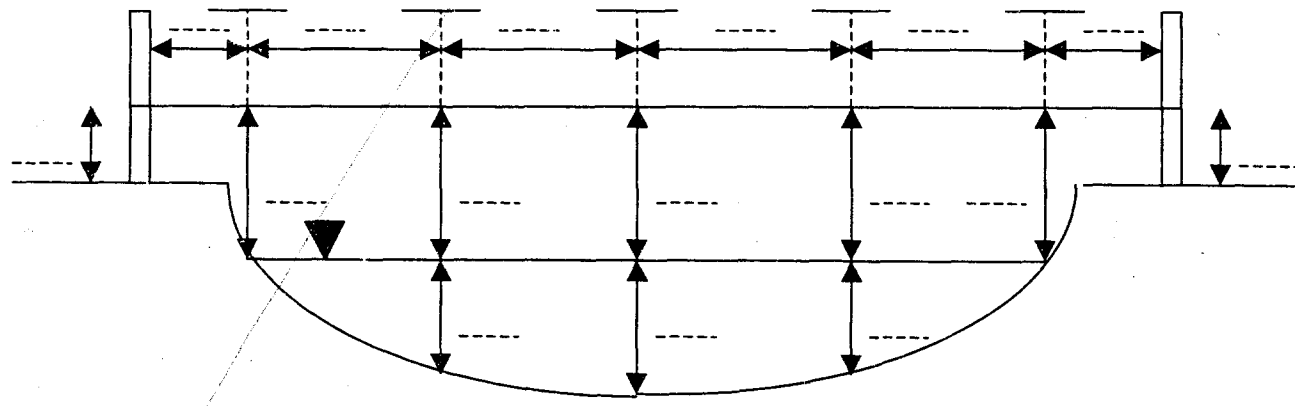
SEDIMENT SAMPLE INFORMATION				
Collection method:				
Cross-Section Number/Location (if applicable):				
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #:	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date:		Sampler(s):		
Stream Name:				
Appearance:				
Survey/Measurement Equipment:				
Site Sketch (Plan View): 				
Cross-Section Sketch: W E Point: _____ Number: _____ 				
Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.				

Site 29

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: SD-126	Page 1 of 1
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-21-01		Sampler(s): M Markell, D Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Sugi River		Depth: ≈ 1.5 ft	Width: ≈ 6 ft	
Appearance: clear, no green or odor				
Cross-Section Number/Location (if applicable):				
Collection method: Disposable Teflon dipper		Temp. ° C:	Cond. (umhos/cm):	
		pH:	CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: hand auger core				
Cross-Section Number/Location (if applicable):				
Time: 1800	Depth: 6"	Point: na	Sample ID: Ø1NE 295D126 (prime) dup trip split ms/msd	
Time: 1800	Depth: 6"	Point: na	Sample ID: Ø1NE 295D426 prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

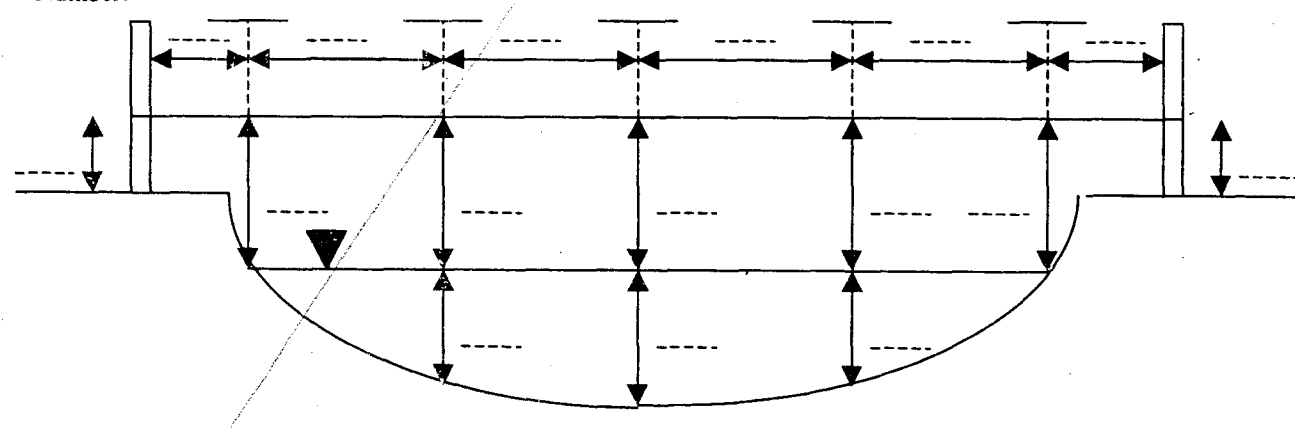
STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #:	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date:		Sampler(s):		
Stream Name:				
Appearance:				
Survey/Measurement Equipment:				
Site Sketch (Plan View): 				
Cross-Section Sketch: W E Point: _____ Number: _____ 				
Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.				

Site 29

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: SD 127	Page 1 of 1
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-21-01		Sampler(s): M. Markell, D. Quist		

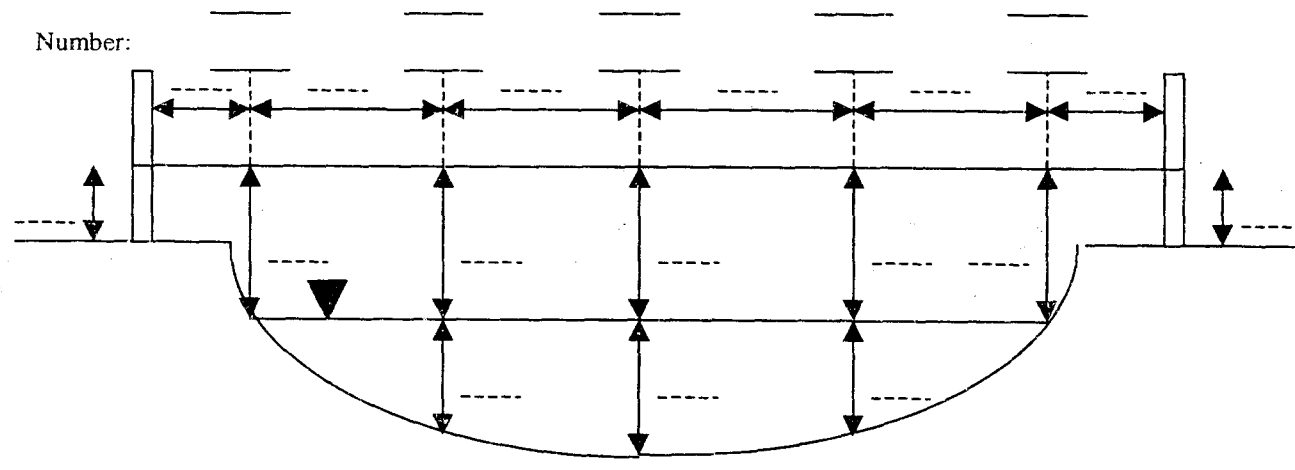
SURFACE WATER SAMPLE INFORMATION				
Stream Name: Sugi River		Depth: ≈ 1.5 ft	Width: ≈ 12 ft	
Appearance: clear, with eddy, vegetation (sample taken in eddy)				
Cross-Section Number/Location (if applicable):				
Collection method: Disposable Teflon dipper		Temp. ° C:	Cond. (umhos/cm):	
		pH:	CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				

SEDIMENT SAMPLE INFORMATION				
Collection method: hand auger core				
Cross-Section Number/Location (if applicable):				
Time: 1740	Depth: 6"	Point: na	Sample ID: Ø1NE 29 SD 1 27 (prime) dup trip split ms/msd	
Time: 1740	Depth: 6"	Point: na	Sample ID: Ø1NE 29 SD 4 27 prime dup trip (split) ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC PAH PCB Pesticides TAL metals Pb Zn Cr TOC Geotech				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #:	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date:		Sampler(s):		
Stream Name:				
Appearance:				
Survey/Measurement Equipment:				
Site Sketch (Plan View):  na				
Cross-Section Sketch: W E Point: _____ Number: _____ 				
Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: Site 29	Page 1 of 1
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-21-01		Sampler(s): J. Dreher, D. Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name: Sugar River		Depth: _____ ft	Width: _____ ft	
Appearance: Clear - no sheen or odor				
Cross-Section Number/Location (if applicable):				
Collection method:		Temp. ° C:	Cond. (umhos/cm):	
Disposable Teflon dipper		pH:	CS Collection Point:	
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Time:	Depth:	Sample ID: Ø1NE _____ prime dup trip split ms/msd		
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: hand auger core				
Cross-Section Number/Location (if applicable):				
Time: 1025	Depth: 1.7'	Point: -	Sample ID: Ø1NE 29 S D 128 (prime) dup trip split ms/msd	
Time: 1045	Depth: 1.7'	Point: -	Sample ID: Ø1NE 29 S D 129 (prime) dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Time:	Depth:	Point:	Sample ID: Ø1NE _____ prime dup trip split ms/msd	
Laboratory Tests: (DRO) (RRO) (GRO) (BTEX) VOC (PAH) (PCB) Pesticides (TAL metals) Pb Zn Cr TOC Geotech				

STREAM CROSS-SECTION DIAGRAM		Project Number: 1850574.260120	CS #:	Page 2 of 2
Project: NEC 2001 Phase III RI		Client: USAED		
Date:		Sampler(s):		
Stream Name:				
Appearance:				
Survey/Measurement Equipment:				
Site Sketch (Plan View):  N				
Cross-Section Sketch: W E Point: _____ Number: _____ 				
Label sample points from west to east A, B, C, etc. The first sample at each point is 1, the next 2, etc.				

SURFACE WATER AND SEDIMENT SAMPLING FIELD NOTE FORM		Project Number: 1850574.260110	Sample Location: 305D101	Page 1 of
Project: NEC 2001 Phase III RI		Client: USAED - Alaska		
Date: 8-24-01		Sampler(s): Doug Quist		

SURFACE WATER SAMPLE INFORMATION				
Stream Name:		Depth:	ft	Width:
ft				
Appearance:				
Cross-Section Number/Location (if applicable):				
Collection method:	Temp. ° C:	Cond. (umhos/cm):		
Disposable Teflon dipper	pH:	CS Collection Point:		
Sheen: none slight moderate abundant		Odor: none slight moderate strong		
Time:	Depth:	Sample ID: Ø1NE	prime dup trip split ms/msd	
Time:	Depth:	Sample ID: Ø1NE	prime dup trip split ms/msd	
Time:	Depth:	Sample ID: Ø1NE	prime dup trip split ms/msd	
Laboratory Tests: DRO RRO GRO BTEX VOC SVOC PAH PCB TAL metals				
SEDIMENT SAMPLE INFORMATION				
Collection method: SS spoon				
Cross-Section Number/Location (if applicable):				
Time: 1040	Depth: surface	Point:	Sample ID: Ø1NE 305D101	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Time:	Depth:	Point:	Sample ID: Ø1NE	prime dup trip split ms/msd
Laboratory Tests: <u>DRO</u> <u>RRO</u> GRO BTEX VOC <u>PAH</u> PCB Pesticides <u>TAL</u> metals Pb Zn Cr TOC Geotech				

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	3055101

Project: Northeast Cape 2001 Phase III RI
Site: 30- Back ground
Client: United States Army Engineer District - Alaska

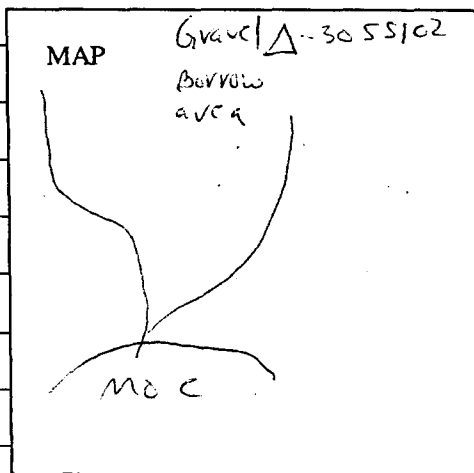
MAP

FIELD INFORMATION	
Date: 8-24-01	Sampler(s): O'Connell
Sampling Equipment: SS spoon	

SAMPLE INFORMATION				
Time: 1725	Depth Interval: 0'-6"	ft	PID:	ppm
Sample ID: 01NE3055101 (primary) duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: 01NE _____ primary duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: 01NE _____ primary duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: 01NE _____ primary duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: 01NE _____ primary duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: 01NE _____ primary duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: 01NE _____ primary duplicate triplicate ms/msd				
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech				

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	3055102

Project: Northeast Cape 2001 Phase III RI
Site: 30 Background
Client: United States Army Engineer District - Alaska



FIELD INFORMATION	
Date: 8-24-01	Sampler(s): Doug Quist
Sampling Equipment: SS Spoon	

SAMPLE INFORMATION					
Time: 1020	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 3055102 (primary) duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____ primary duplicate triplicate ms/msd					
Analyses: DRO RRO GRO BTEX VOC (PAH) PCB Pest. TALmetal Pb Zn Cr TOC Geotech					

SOIL SAMPLING FIELD NOTE FORM

Project Number:
1850574.260120

Sample
Location:
3055103

Project: Northeast Cape 2001 Phase III RI

Site: 30- Background

Client: United States Army Engineer District - Alaska

MAP

site 24

MOC

1-3055103

FIELD INFORMATION

Date: 8-24-01 Sampler(s): Doug Quist

Sampling Equipment: SS Spoon

SAMPLE INFORMATION

Time: 1000 Depth Interval: 0-6" ft PID: ppm

Sample ID: 01NE 3055103 (primary) duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

Time: Depth Interval: ft PID: ppm

Sample ID: 01NE primary duplicate triplicate ms/msd

Analyses: DRD RRO GRO BTEX VOC PAH PCB Pest. TAL metal Pb Zn Cr TOC Geotech

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120	Well ID: 30WP101	
Project: NEC 2001 Phase III RI			Client: USAED			
Date: 8-25-01		Time: 1600		Sampler(s): O'Connell		
Well type: Monitoring Well <u>Well Point</u> Other:						
Well condition: Good						
Protective casing height (ft ags): NA			Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Minimum purge volume = $C \times 3$ Calculation: NA			
PVC casing height (ft ags): NA						
Well depth below top of PVC (ft): 3.10						
Water level below top of PVC (ft): 1.28						
Water column height (ft): 1.82 = A						
PVC casing ID (in): = B						
Purging Method/Equipment:						
Sheen: <u>none</u> slight moderate abundant			Odor: <u>none</u> slight moderate strong			
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments	
	1420	3.5	6.7	85		
Time: 1600		Sample ID: Ø1NE 30WP101 <u>primary</u> dup triplicate ms/msd				
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd				
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd				
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L	
Time:						
Time:						
Time:						
Laboratory Tests:	<u>DRØ</u> <u>RRO</u> <u>GRO</u> BTEX Alkalinity <u>Sulfate</u> Methane/Ethane/Ethene <u>PAH, VOCs, Metals</u>					

GROUNDWATER SAMPLING FIELD NOTE FORM				Project Number: 1850574.260120	Well ID: WP 80-2
Project: NEC 2001 Phase III RI			Client: USAED		
Date: 8-28-01	Time: 0930	Sampler(s): Bill O'Connell			
Well type: Monitoring Well		Well Point	Other: DIA 24" BGS		
Well condition:					
Protective casing height (ft ags):			Minimum purge volume calculation: One well volume (gal) = $0.163A(B/2)^2 = C$ Minimum purge volume = $C \times 3$ Calculation:		
PVC casing height (ft ags):					
Well depth below top of PVC (ft):					
Water level below top of PVC (ft):					
Water column height (ft): = A					
PVC casing ID (in): = B					
Purging Method/Equipment: Dipstick Duper					
Sheen: none slight moderate abundant			Odor: none slight moderate strong		
Gallons	Time	Temperature °C	pH pH units	Conductivity umhos/cm	Comments
Time: 0930		Sample ID: Ø1NE 30WPI02 primary dup triplicate ms/msd			
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd			
Time:		Sample ID: Ø1NE _____ primary dup triplicate ms/msd			
Field Tests:	Turbidity NTU	Nitrate mg/L	Ferrous Iron mg/L	ORP mV	Dissolved Oxygen mg/L
Time:					
Time:					
Time:					
Laboratory Tests:	DRO RRO GRO BTEX	Alkalinity	Sulfate	Methane/Ethane/Ethene	

24H, Voks

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	Site 31

Project: Northeast Cape 2001 Phase III RI
Site: 31 - WACS
Client: United States Army Engineer District - Alaska

MAP

FIELD INFORMATION

Date: 8-23-01 **Sampler(s):** Doug Quist
Sampling Equipment: SS Spoon

SAMPLE INFORMATION

Time: 1900	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE 3155101 (primary) duplicate triplicate (ms/msd)				
Time: 1905	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE 3155102 (primary) duplicate triplicate ms/msd				
Time: 1915	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE 3155202 primary (duplicate) triplicate ms/msd				
Time: 1920	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE 3155103 (primary) duplicate triplicate ms/msd				
Time: 1925	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE 3155104 (primary) duplicate triplicate ms/msd				
Time: 1500	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE 3155105 (primary) duplicate triplicate ms/msd				
Time: 1503	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE 3155205 primary (duplicate) triplicate ms/msd				
Time: 1505	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE 3155106 primary duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: 01NE _____ primary duplicate triplicate ms/msd				
Analyses: DRO (RRO) GRO BTEX VOC PAH (PCB) Pest. TALmetal Pb Zn Cr TOC Geotech				

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	Site 31

Project: Northeast Cape 2001 Phase III RI	MAP
Site: 31-WACS	
Client: United States Army Engineer District - Alaska	
FIELD INFORMATION	
Date: 8-23-01	Sampler(s): Doug Quist
Sampling Equipment: SS Spoon	

SAMPLE INFORMATION				
Time: 1510	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE3155107 (primary) duplicate triplicate ms/msd				
Time: 1515	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE3155108 (primary) duplicate triplicate ms/msd				
Time: 1520	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE3155109 (primary) duplicate triplicate ms/msd				
Time: 1525	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE3155110 (primary) duplicate triplicate ms/msd				
Time: 1530	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE3155111 (primary) duplicate triplicate ms/msd				
Time: 1535	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE3155112 (primary) duplicate triplicate ms/msd				
Time: 1540	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE3155113 (primary) duplicate triplicate ms/msd				
Time: 1545	Depth Interval: 0-6"	ft	PID:	ppm
Sample ID: 01NE3155114 (primary) duplicate triplicate ms/msd				
Time:	Depth Interval:	ft	PID:	ppm
Sample ID: 01NE_____ primary duplicate triplicate ms/msd				
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech				

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	Site 31

Project: Northeast Cape 2001 Phase III RI
Site: 31-WACS
Client: United States Army Engineer District - Alaska

MAP

FIELD INFORMATION	
Date: 8-23-01	Sampler(s): Doug Quist
Sampling Equipment: SS Spoon	

SAMPLE INFORMATION					
Time: 1550	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 31 55 115	(primary)	duplicate	triplicate	ms/msd	
Time: 1555	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 31 55 116	(primary)	duplicate	triplicate	ms/msd	
Time: 1600	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 31 55 117	(primary)	duplicate	triplicate	ms/msd	
Time: 1605	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 31 55 118	(primary)	duplicate	triplicate	ms/msd	
Time: 1610	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 31 55 119	(primary)	duplicate	triplicate	ms/msd	
Time: 1615	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 31 55 120	(primary)	duplicate	triplicate	ms/msd	
Time: 1620	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 31 55 220	primary	(duplicate)	triplicate	ms/msd	
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____	primary	duplicate	triplicate	ms/msd	
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____	primary	duplicate	triplicate	ms/msd	
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech					

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	Site 3d

Project: Northeast Cape 2001 Phase III RI
Site: 31-WACS
Client: United States Army Engineer District - Alaska

MAP

FIELD INFORMATION	
Date: 8-24-01	Sampler(s): Quist
Sampling Equipment:	

SAMPLE INFORMATION							
Time: 2025	Depth Interval: 0-6"	ft	PID:	ppm			
Sample ID: Ø1NE 31 55 1 21	primary	duplicate	triplicate	ms/msd			
Time: 2030	Depth Interval: 0-6"	ft	PID:	ppm			
Sample ID: Ø1NE 31 55 2 21	primary	duplicate	triplicate	ms/msd			
Time: 2100	Depth Interval: 0-6"	ft	PID:	ppm			
Sample ID: Ø1NE 31 55 1 22	primary	duplicate	triplicate	ms/msd			
Time: 2230	Depth Interval: 0-6"	ft	PID:	ppm			
Sample ID: Ø1NE 31 55 1 23	primary	duplicate	triplicate	ms/msd			
Time: 2240	Depth Interval: 0-6"	ft	PID:	ppm			
Sample ID: Ø1NE 31 55 1 24	primary	duplicate	triplicate	ms/msd			
Time: 2245	Depth Interval: 0-6"	ft	PID:	ppm			
Sample ID: Ø1NE 31 55 1 25	primary	duplicate	triplicate	ms/msd			
Time: 2035	Depth Interval: 0-6"	ft	PID:	ppm			
Sample ID: Ø1NE 31 55 3 21	primary	duplicate	triplicate	ms/msd			
Time:	Depth Interval:	ft	PID:	ppm			
Sample ID: Ø1NE	primary	duplicate	triplicate	ms/msd			
Time:	Depth Interval:	ft	PID:	ppm			
Sample ID: Ø1NE	primary	duplicate	triplicate	ms/msd			
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech							

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	Site 32

Project: Northeast Cape 2001 Phase III RI
Site: 32 - Lower Tram Terminal
Client: United States Army Engineer District - Alaska

MAP

FIELD INFORMATION	
Date: 8-24-01	Sampler(s): Quist
Sampling Equipment: SS Spoon	

SAMPLE INFORMATION					
Time: 2000	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE 3255101		(primary)	duplicate	triplicate	ms/msd
Time: 2005	Depth Interval: 18-24"	ft	PID:	ppm	
Sample ID: 01NE 3255102		(primary)	duplicate	triplicate	ms/msd
Time: 2010	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE 3255103		(primary)	duplicate	triplicate	ms/msd
Time: 2015	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE 3255104		(primary)	duplicate	triplicate	ms/msd
Time: 2020	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE 3255105		(primary)	duplicate	triplicate	ms/msd
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: 01NE _____		primary	duplicate	triplicate	ms/msd
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: 01NE _____		primary	duplicate	triplicate	ms/msd
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: 01NE _____		primary	duplicate	triplicate	ms/msd
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: 01NE _____		primary	duplicate	triplicate	ms/msd
Analyses: DRO RRD GRO BTEX VOC PAH PCB Pest. TAL metal Pb Zn Cr TOC Geotech					

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	Site 33

Project: Northeast Cape 2001 Phase III RI	
Site: 33 upper tram terminal	
Client: United States Army Engineer District - Alaska	
FIELD INFORMATION	
Date: 8-23-01	Sampler(s): Doug Quist
Sampling Equipment: SS spoon	

SAMPLE INFORMATION					
Time: 0830	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE3355101 (primary) duplicate triplicate ms/msd					
Time: 0835	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE3355102 (primary) duplicate triplicate ms/msd					
Time: 0840	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE3355103 (primary) duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: 01NE_____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: 01NE_____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: 01NE_____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: 01NE_____ primary duplicate triplicate ms/msd					
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: 01NE_____ primary duplicate triplicate ms/msd					
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TAL metal Pb Zn Cr TOC Geotech					

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	Site 34

Project: Northeast Cape 2001 Phase III RI
Site: 34 - upper Camp
Client: United States Army Engineer District - Alaska

MAP

FIELD INFORMATION	
Date: 8-23-01	Sampler(s): Quist/OConnell
Sampling Equipment: SS Spoon	

SAMPLE INFORMATION					
Time: 1030	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE 3455101		(primary)	duplicate	triplicate	ms/msd
Time: 1035	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE 3455102		(primary)	duplicate	triplicate	ms/msd
Time: 1040	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE 3455103		(primary)	duplicate	triplicate	ms/msd
Time: 1043	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE 3455104		(primary)	duplicate	triplicate	ms/msd
Time: 1045	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE 3455105		(primary)	duplicate	triplicate	ms/msd
Time: 1050	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE 3455106		(primary)	duplicate	triplicate	ms/msd
Time: 1100	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE 3455107		(primary)	duplicate	triplicate	ms/msd
Time: 1105	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: 01NE 3455108		(primary)	duplicate	triplicate	ms/msd
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: 01NE			primary	duplicate	triplicate ms/msd
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech					

SOIL SAMPLING FIELD NOTE FORM	Project Number:	Sample Location:
	1850574.260120	Site 34

Project: Northeast Cape 2001 Phase III RI
Site: 34 - Upper Camp
Client: United States Army Engineer District - Alaska

MAP

FIELD INFORMATION	
Date: 8-23-01	Sampler(s): Quist/O'Connell
Sampling Equipment: SS Spoon	

SAMPLE INFORMATION					
Time: 1110	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 34 55 109		(primary)	duplicate	triplicate	ms/msd
Time: 1115	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 34 55 110		(primary)	duplicate	triplicate	ms/msd
Time: 1130	Depth Interval: 0-6"	ft	PID:	ppm	
Sample ID: Ø1NE 34 55 111		(primary)	duplicate	triplicate	ms/msd
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____		primary	duplicate	triplicate	ms/msd
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____		primary	duplicate	triplicate	ms/msd
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____		primary	duplicate	triplicate	ms/msd
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____		primary	duplicate	triplicate	ms/msd
Time:	Depth Interval:	ft	PID:	ppm	
Sample ID: Ø1NE _____		primary	duplicate	triplicate	ms/msd
Analyses: DRO RRO GRO BTEX VOC PAH PCB Pest. TALmetal Pb Zn Cr TOC Geotech					

"*Rite in the Rain*"
ALL-WEATHER WRITING PAPER



HORIZONTAL LINE

All-Weather Notebook
No. 391

— NEC 2002 Fieldwork	—
— 1850574.260120	—
8-12-2002 → 8-19-02	

4 5/8" x 7" - 48 Numbered Pages

Bonnie McLean

2

NEC 2002 Fieldwork 1850574.260120

Bgm Day 1

8-12-02

1900 AT AIA
1720 Leave AUC - Late
2030 Arrive NOM
2130 P/U Vehicle
2145 Ck in at apt.

Bmg.

Left
blank

3

NEC 2002 Fieldwork 1850574.260120

Bgm 8-13-02
Day 2

0730 At Bering to P/U cargo
go to Ak Cargo take to Bering

0900 Leave NOM for NEC
1005 Arrive NEC - Bering on stand
Call Lyndon - provide weather, by
- Clear, sunny for wind
Eugene brings ATV & tools, FTV
- Lyndon would not leave until
- 1 pm.
- Sort equipment left in cool mob.
- Call Lyndon @ 1330 -

Plane not yet return from Am
trip will leave @ 1500

- Clean out debris in
Terminal Bldg

Tailgate safety mtg completed

- Go to Main site to

Mark mud location of mud & SB's

Bld 109 & 108 filled with

debris Was going to use

these as mob area

Not use area

Bgm

NEC 2002 Fieldwork
1850574.260120

8-13-02
Bgm (cont.)

Site 22 - Nugget has left large debris piles just former water tank Bldg & gym

Access limited for drilling the two SB - North of water tank Bldg
Very Very Dry; low flow @ stream at site

S. of Gen Bldg - former west location - Cut surface & debris restricts access; must move to W. side of covered manwalk for MW location.

MW 19-1 19.2 bgs

MW 19-2 Dry @ 19.5 bgs

1600 Call Lyndon - still loading will leave at 1630 Mon AM. Plan a ARR @ NEC @ 1930

NEC 2002 Fieldwork
1850574.260120

8-13-02
Bgm

Prepare dinner - limited to cold canned soup

1720 Lyndon arrives NEC
Boring leaves
Unload Here

- 1830 Here leaves NEC
- Sort equipment, put up tent in garage
- Line wall down terminal
- Clean out debris
- End 2300.

Ponds dry at Site 7, 6 & 3

Stay at Eugene cabin

No rain areas dry around camp

Bgm

NEC 2002 Fieldwork

1850574.260120

8-14-02

0800 Discovery doesn't have
drill bit should arrive
on AK Am flight

Being to bring out.

Prepare to sample

Cldy. - WINDY

1130 - Floyd arrives, bear water
for Doug to complete flow
measurements. Safety Mtg. Complete

1135 Barry air arrives with
drill bits will stand by
until 1900 to take us
back to Nome this pm
STAND by should be Discovery

Move to Aik 88-1 S. of
Bldg 108

Down gradient Bldg 109

MW 19-2 had POT Odors

on mud from water

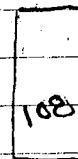
level meter.

No water/product phase
in detected. Bo

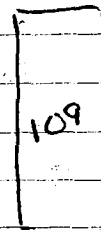
NEC 2002 Fieldwork

1850574.260120

8-14-02



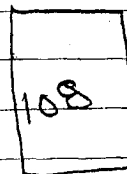
19-1



⊗ MW 88-1

19-2

Dry (odors)



▽ 88-2

▽ 88-3

▽

88-1
⊗

NEC 2002 Fieldwork (BGM)
1850574.260120 8-14-02

Site 11 - Fuel Tank

Water Level measurements

MW 11-3 11.2 bgs

Now Former

MW 11-2 - Has been

destroyed; steel casing bent; PVC broken and on ground.

Very low, pinched shallow section.

Doug sighted an ident. fish (sampling?) device in drainage basin near bridge. Called base left message concerning sampler.

Eugene By - asked if we knew Nugget is going to remove bridge when they leave for the last time. They put in poles to support it and will remove them when done.

This could be an issue for moving drill rig back to ship on 11/11.

NEC 2002 Fieldwork (BGM)
1850574.260120 8-14-02

MW 88-1

1430 (0-2.5) dry fill material, crushed rock, sand, gravel, brown, medium.

PID = 1.0

1445 (2.5-5.0) dry, No ch., no odor, no staining.

PID = 1.0

1450 (5-7.0) sand, silt, clay, broken rock, angular, medium, medium.

PID = 1.2

1500 (7.5-10.0) No retrieval, dry, broken rock in sampler, no odor.

1502 (10-12.5) No retrieval, No odor, PID 1.0.

1515 (12.5-15.0) No retrieval PID N/A

1530 (15-17.5) grey brown sand, crushed rock, moist. PID = 264

Pol odor, no staining, moist.

LAB ID 02-NE-88-SB-001

1600 (18-20) No change PID 98.7

Pol odor, no staining.

LAB 02-NE-88-SB-002

Dr. Betagora Rk, medium.

UNSATURATED

BGM

NEC 2002 Fieldwork

1850574.260120

8-14-02

Bam

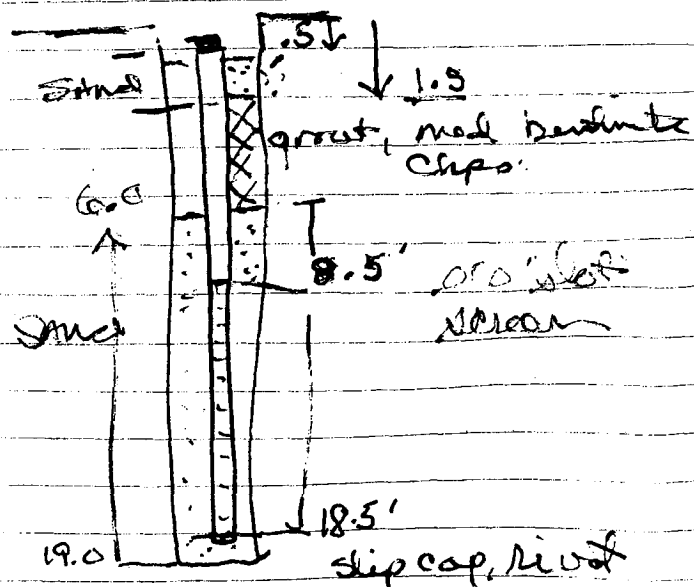
46

88-1 (cont.)

Duff total 20.5'

2" PVC, 10' screen 10.5-20.0

Completed 2" PVC, flush
 mount; sand leave bottom @ 18.5'
 10' screen 0.0 slot, sch 40
 10' Sch. 40, blank.



Bam

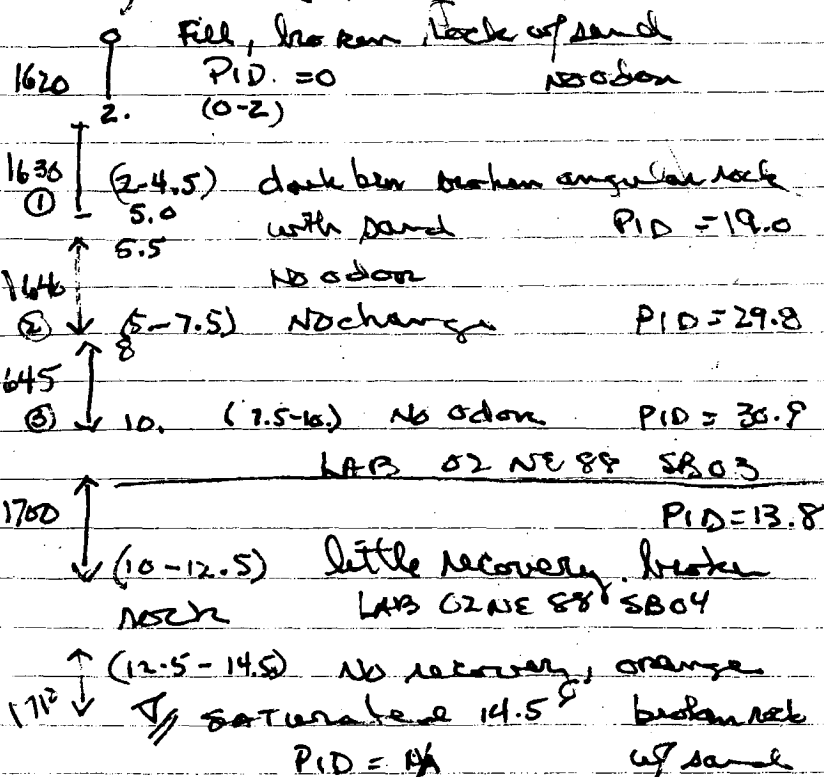
NEC 2002 Fieldwork

1850574.260120

8-14-02

Bam

Move & setup on MW 88-2
 E of road @ St. G. 108.



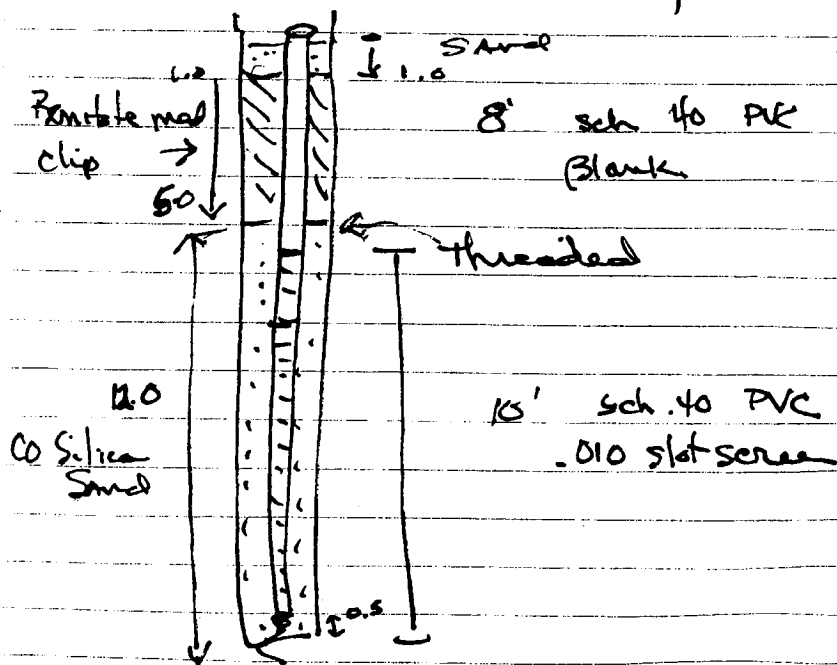
Complete MW 88-2 D_T 18.00
 4.5
 Bam

NEC 2002 Fieldwork 1850574.260120

8-14-02

MW 88-2

Hard to auger w/ rock;

D_T 18.0

Nivited slip cap

Bill & I complete reports.

leave for home Bering air @ 1930. w/ NAT.

Doug prepares soil samples

Zym

8-15-02

0800 at Bering air (Bill, Johanna, Doug)

0840 leave home (NAT)

0930 arrive NEC

Prepare for MW 88-3

Doug to develop MW 88-1 & 88-2

1100 Complete Safety Meeting

Move to MW 88-3

Set up

Bill to complete SB log.

Very hard drill in broken rock fill.

Many samples with no recover (rocks in front) push forward.

1230 Rig drill rod breaks

No injuries

Call Discovery to ship

Doug trying to develop MW 88-1 & 2. No recharge Complete PID on samples from MW 88-3.

a Bering to send plane Zym

NEC 2002 Fieldwork

8-15-02
Calibrated

1850574.260120

Bgm

MW 88-3

PID (ppm) #1

① 4-6' 67.7 (LAB)

② 8-10' 42.4

(6-8'

No recovery)

10-12' No recovery

12-14' 44.8 little recovery

Rig Down

8-16-02 New Part document for

8-17-02

④ 12-14' ④ 79.8

⑤ 14-16' ⑤ 185

LAB

Calibrated PID miniRae

Dt 20

2000-#1

LAB ID NO. MW 88-3

Re, Dro, Gno, Betx, PATT, Tox, metal

① (4-6') 02 NE 88 SB 005

② 1155 on 8-15-02 ①

② Comb. 12-16' (4-6')

02 NE 88 SB 006

1110 on 8-17-02

GAC OC

NEC 2002 Fieldwork

8-15-02

1850574.260120

Bgm

1500 B

1630 arrive home.

Decide to send Johanna
back to AHC.

To return Sunday AM

Will await parts to arrive.

Bgm

3-16-02

0800 at Bering waiting
for gold streak

0930 NOT on Am Rig

1230 Back Bering

1330 BOB & I go get
parts.

Ralph not actively seeking
parts.

1400 on taxi w/ Bering NAT

1430 still on taxi waiting

1540 arrive NEC

Complete Tailgate Safety
htg

1600 Ralph back, new
rod too short.

Call Kyle - wants
to try using duct tape
fill front gap.

I decide this is
not safe - compressor &
welder unknown

Call Bering air beat
alpha. Left broken shaft
in Nome for fix (welded) - Ram

NEC 2002 Fieldwork

1850574.260120

3-16-02

Call Bering ask me to
contact Nome Machine Shop
to leave Rod out side door
of shop.

Bering Friday afternoon.
Call Kyle to follow up on same.

1800 arrive back Nome

1920 Ralph calls - weld
shop closed - No Rod left

2030 Ralph calls tracked
down welder - got rod.

Called Kyle - left message
to call me.

Bgm

8-17-02 Nec
 0800 at Bering air
 Leave Home 905 (NAJ)
 arrive Nec 1000
 1100 Tailgate Safety Mtg.
 at MW 88-3 complete sampling

Sample 14' - 16'
 See Pg. 14 for AD
 Readings

230 Nugget arrives
 Prepared samples
 for LAB (Dra/Reo, gro, Beta, PAH
 Metals) ID NO.

① 4-6' 02 NE 88 SB 005
 8-15 @ 1155

④ & ⑤ composite for NR.
 primary 02 NE 88 SB 006
 on 8-17 @ 1110

QA 02 NE 88 SB 306

on 8-17 @ 1110
 QC 02 NE 88 SB 206
 8-17 @ 1200

All parameters Rain

NEC 2002 Fieldwork
 1850574.260120

Bgm 8-17-02

Calibrated MiniRae No. 1 = 100 ppm
 MW 88-4 PID Reading
 PPM

1300 ① 236

1315 ② 248

1320 ③ * 284

1330 ④ * 440

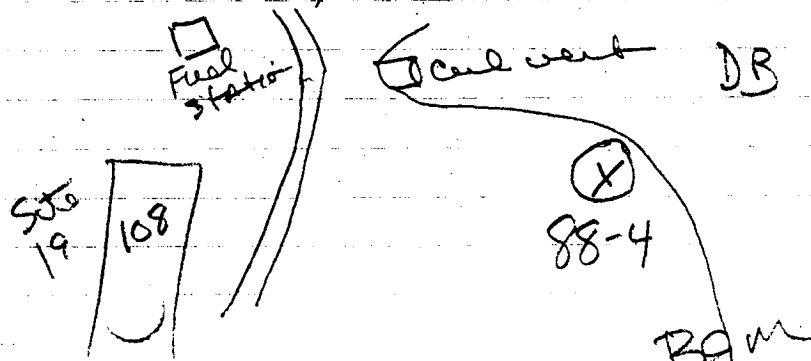
1340 ⑤ 424

13'
 Sat

* LAB ID

@ 1320 02 NE 88 SB 007
 on 8-17-02

@ 1330 02 NE 88 SB 008
 sent for Dra/Reo, gro, Beta, PAH
 Metals, TOC



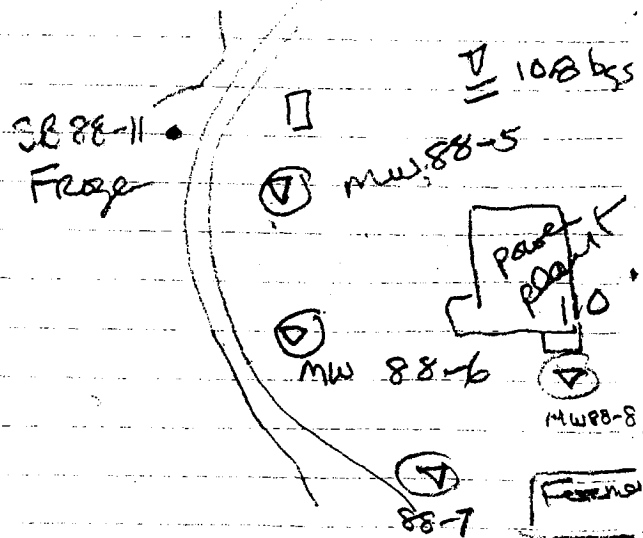
NEC 2002 Fieldwork B9u
1850574.260120 8-17-02

SB 88-11

This loc was to be a MW
it was frozen continuously
from 3' to 15'.

See Bills log

Extreme rain & wind
Fog on ground



Born

NEC 2002 Fieldwork
1850574.260120 8-17-02

Move to MW 88-5
See Bills log

Completed as 10' Df MW
10' screen.

Completed Remains on
split spoon after soil
sampling complete

Stayed @ cabin
Weather awful.

Born

NEC 2002 Fieldwork
1850574.260120

8-18-02

0800 Prepare for new 88-6
Sampling
Tail gate safety mty complex
Drillers to down auger
Wind from N.
Nugget waiting barge.
Cold wind, cldy -
move to new 88-6
See Bills logs.
Sampling complete

Had to restart loc 3-
times because of debris &
rocks.
D_T 11.00 completed to
D_T 15'.
Sampling complete

④

Power plant
110

NEC 2002 Fieldwork
1850574.260120

8-18-02

water levels
new 110-11 13.7'
new 88-5 10.8'

moved to new 88-7
N. of former marsh hole
Blag. 107 - loading dock
D_T 10.2 ⑧ 88-7 D_T 15'

107
marsh
hole

Power Plant
110
⑧ 88-8

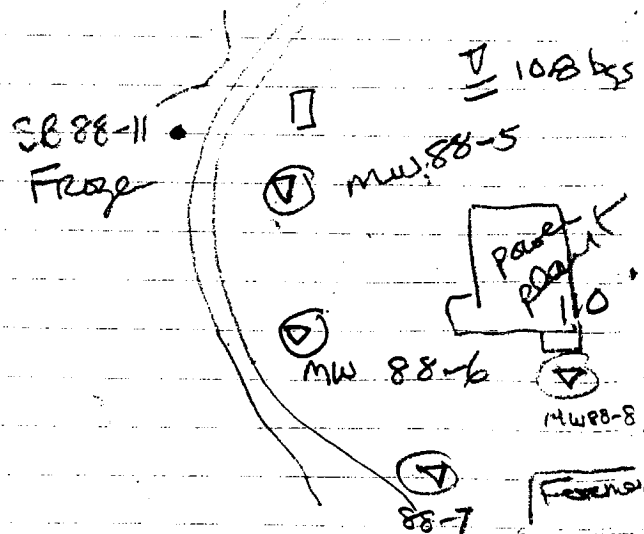
very dirty

Boring in 1830 (NAT)
Arrive Nome 1930
Pr. used Samples for lab
Sh. & sub End 2300 2--

NEC 2002 Fieldwork *B9u*
1850574.260120 8-17-02

SB 88-11

This loc was to be a maw
it was frozen continuously
from 3' to 15'.
See Bills log
Extra rain & usual
Fog on ground



B9u

NEC 2002 Fieldwork
1850574.260120 8-17-02

Move to mw 88-5
See Bills log

Completed as 15' D_r mw
10' screen

Completed Remains on
split spoon after soil
sampling complete

Stayed @ cabin
Weather awful.

B9u

NEC 2002 Fieldwork
1850574.260120

8-18-02

0800 Fugate for New 88-6
Sampling
Tail gate safety mty complex
Duller to deck auger
Wind from N.
Hurry waiting barg.
Cold water, close -
move to med 88-6
See Bill's logs.
Sampling complete

Had to restart loc 3-
times because of debris &
locks.
 $\Sigma = 11.00$ completed to
D_T 15'.

Sampling complete
①

Power plant
110

NEC 2002 Fieldwork
1850574.260120

8-18-02

water levels Σ 695
med 16-K 13.7'
med 88-5 10.8'

Moved to Row 88-7
N. of former Marshall
Blag. 107 - loading dock
 Σ 10-2 $\otimes$ 88-7 D_T 15'

107
mess
hall

Power Plant
110
⑧ 88-8

very dirty

Boring in 1830 (NAT)
Arrive Nome 1930
Prepared Samples for lab
St. pping End 2300 Ben

NEC 2002 Fieldwork
1850574.260120

8-19-02

0730 Repack coolers (3) with
ice
0810 Plu Johanna & Don Mallika
0900 at Berung air
leave for NEC - Doug, Bill
Johanna, Don, Ralph & Greg

0920 Drop coolers at
Gold stream

0940 Called CAS left
message 3-coolers on
flight 100 into Portland
Tues 6 AM

1100 Ch in at

1245 leave nam

1400 arrive ANC

call to Mestt
Fax cooler air will
to CAS
at AK. Gold stream
Dagies to Doug.

Bgm

NEC 2002 Fieldwork
1850574.260120

8-19-02

2030 Doug called,
got only new 88.9 & 10
didn't start drilling
until 1330.

Broke rig. part will
have to be welded
Tot. time to see Jardi
I will be here for welding
help.

Johanna to come home
Thurs.

Will call Discovery about
Here & Dooding

Bgm

"Outdoor writing products for outdoor writing people."



RECYCLABLE

"Rite in the Rain" - A unique All-Weather Writing paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather.

Available in a variety of standard and custom printed case-bound field books, loose leaf, spiral and stapled notebooks, multi-copy sets and copier paper.

For best results, use a pencil or an all-weather pen.

a product of

J. L. DARLING CORPORATION

Tacoma, WA 98424-1017 USA

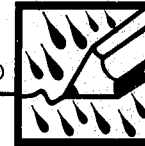
(253) 922-5000 • FAX (253) 922-5300

www.RiteintheRain.com



6 32281 39111 1

"Rite in the Rain"
ALL-WEATHER WRITING PAPER



HORIZONTAL LINE

All-Weather Notebook

No. 391

Northeast Cape, St. Lawrence Island

Montgomery Water Harp

Douglas Quist

8-12-02

4 5/8" x 7" - 48 Numbered Pages

2

8-12-02

1430 - Depart AIA

1700 - Enroute.

1930 Arrive NOM
Mobilize Gear.

2200 - End

Jung

Jung 8-12-02

3

8-13-02 Northeast Cape

0715 - Mob for Day - retrieve Cargo from AIA AIR
for Nome Materials.

0830 - Depart for NEC w/ Bering Air, Larry Pilot.

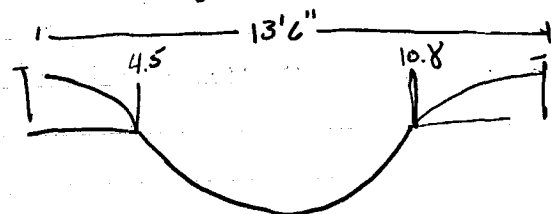
1015 - Cleared Site 2 Air terminal for staging.
Here to arrive approx 1:00Mark locations for Monitoring Wells and
Soil Borings.

Jung 8-13-02

8-14-02 Northeast Cape.

Stream Flow Measurements.

Stream Flow Location 2 from 2001
West of Drainage Basin



4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0
0.4	0.85	1.0	1.25	1.15	1.2	1.2	1.2	1.3	1.35

9.5	10.0	10.8
1.35	1.35	1.15

7.5' = Centerline

0.2 = 0.07 m/s

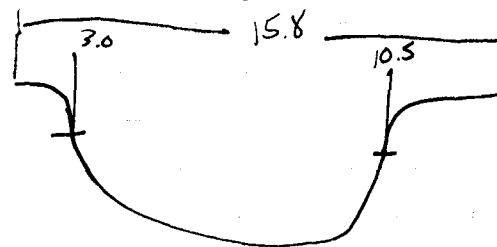
0.4 = 0.07 m/s

0.8 = 0.13 m/s

8-14-02

Northeast Cape

Stream Flow Measurement
Stream Flow Location 1 from 2001
East of Drainage Basin



3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0
0.2	0.4	1.2	1.4	1.5	1.55	1.5	1.4	1.4	1.65	1.75	1.80

9.5	10.0	10.5
0.7	0.2	

7.5' = Centerline

0.2 = 0.02

0.4 = 0.05

0.8 = 0.11

8-14-02

8-14-02

Northeast Cape

STREAM FLOW Measurement
SC-3 from 2001 - location



1.5' 2.0' 3.0' 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0

1.0 1.0 .8 .7 .6 .5 .4 .5 .5 .45 .35

12.0 13.0 14.0 15.0

1.25 1.2 1 0

7.5 ± Centerline 0.5'

0.2 0.09

0.4 0.10

0.8 0.18 - Possibly Skewed by Surface Wind
& Proximity of Sensor to Surface

< *eth* 8/14/02

Northeast Cape

02NE88SB001

MW-1

2.5-5.0 = 1

1.0

1455

5-7.5 = 2

1.2

1450

7.5-12.5 = 3

180

1500

12.5-17.5 = 4

204

1530 -

X

17.5-22.5 = 5

98.7

1600 -

X

25-50 = 1

19.0

1630

50-75 = 2

29.8

1640

75-100 = 3

30.9

1845

X

= 4

13.8

1700

X

Gayland 8/14/02

8-15-02

Northeast Cape

0715 Depart for Airport

0850- Depart for NEC

Prepare for Development of MW-1, MW-2

MW-1-

Total Depth- 25.90

Depth to GW- 21.48

Water Column- 4.12

3x1 purge volume = 2 gallons.

	T	EC
1030 0-	7.9	283.1
1032 1	4.8	231.1
1040 2	4.7	228.6

pH

5.78 Very Slow to Recharge

6.32 Dry

6.09 Dry long slow

Northeast Cape

Development of Monitoring Well SB-2

Total Depth 18.06 - Muddy Bottom

Depth to GW 9.71

Water Column 7.24

3x1 purge volume = 2 gallons

	T	EC	pH
1030 0-	5.7	226.2	6.58
1032 1	4.6	201.1	6.06
1040 2	4.8	237.8	6.10

Very Slow to Recharge

Sangster 8/15/02

Sangster 8/15/02

10

8-16-02

Northeast Cape

Depart Nome for NEC

Leave NEC

Return to Nome, drill down to about

Collected during the last pilot

Turned back to collect as

Sample 11

Sample 11 8/16/02

11

Northeast Cape

Depart for Airport

Return Camp @ 1400 for Survey

Sampling MW 881

Total Depth* 26.48

Depth to bed 21.94

Gravel Column 4.54

Gravel Volume = 2.25 gallons

T °C

EC DS

pH

6.2

386.8

6.07

6.0

387.5

6.03

6.0

207.4

6.89

DO

8.4 mg/L

>1000 ppm
TURB

Water sample passed but less reliable than
the sample taken at the well. No visible sediment in the
sample but turbid.

MW 1

Sample 11

8-17-02

Northwest Cape

Sampling OK

	Temp	EC	pH	DO
10/5				
0	6.0	335.1	7.09	-
10/10				
1	5.9	332.7	7.11	-
10/5				
2 day	5.3	230.4	6.77	-
17/10				
21	5.0	228.7	6.80	2.20 g/l

-TUBIDIN 288 NTU Co, N

Well has no value in itself

Will appear to have a large hole between
hollows, once purged (by lifting) better

Well is slowly rising to normal. Approx-
imately 2 inches in 2 months. But little to be
appreciated just after rain. Indication of
pumped water.

Keith A. Smith

North. I. Cape

copy with 45, 54, 63

MD 58-3

Lph	20.10
W	15.12
"	496
Vlms	7.28
Mph	5.00
d5	437.6
3.2	274.2
2.4	58.3
B.6	275.5
S.6	237.6
2.6	233.7

At 11:30
the 2nd
element of

15-4

17.2 (Pence to Eve sent)
11.20
6.00

... more a 3.0 gallons.

4.4	60.2	7.33
3.9	63.0	7.21
2.9	64.9	6.79
2.8	62.6	6.81
2.5	62.1	6.78

L. ...

1000

less muddy ¹⁸⁹⁰⁻¹⁸⁹³ Rhoj.

Henry B.

8-18-02 Northeast Cape

Development of MW 88-5

Total Depth* 17.45

Depth to GW 12.32

GW Column 5.13

3 x 1 Purge Volume = 2.5 gallons

	Temp	EC MS	pH	
1400				
0	4.1	239.9	7.34	Very Dark / Petrol Color
1410	3.9	237.2	7.22	Dry
1430	4.2	242.3	6.53	Very Slow to Redesign
1450	4.2	244.5	6.52	Clearing Up
1530	4.2	242.0	6.58	Very Clear

Sampling & MW 88-3

Depth 19.64

Depth to GW 14.76

Depth 4.88

3.255

After Cut (Paul Hughes)

Temp °C	EC	pH	NO	TRB	NA
36	129.4	6.5			
34	126.0	6.5			
35	141.6	7.6			
35	152.8	7.32	8.2	>1,000	NA

8-18-02

Sampled 8-18-02

Northeast Cape

Sampled 8-19-02

16

8-19-02

Northwest Cape

1245

Sampling MW 984

Total Depth 16.14 Water POC and CO₂ (started)

Depth to bottom 11.41

Water Column 5.73

2x1 purge 7 500 gal

	Temp ^o C	EC μ S	pH	DO	Sal	CO ₂
0 1245	9.2	640	6.78			
1 1247	2.1	630	6.67			
2 1250	2.1	640	6.67			
3 1255	2.1	640	6.67			
4 1310	2.1	640	6.67			
5 1330	2.1	640	6.67	NA	NA	NA

1330 - Purge 1/2 hr

1340 - 1 hr

1340 761

DO & CO₂ Not available due to high turbidity - Purge water had moments of clarity towards the beginning of purge indicative of settling and

1 1245 1245

17

Northwest Cape

1245

Total Depth 11.95

Depth to bottom 9.8

Water Column 2.15

2x1 purge 2 250 gal

	Temp ^o C	EC μ S	pH	DO	Sal	CO ₂
0 1245	9.2	640	6.78			
1 1247	2.1	630	6.67			
2 1250	2.1	640	6.67			
3 1255	2.1	640	6.67			
4 1310	2.1	640	6.67			
5 1330	2.1	640	6.67	NA	>1,000	NA

Surf Shows Discharge. Salinity of pumped water.
Very Turbid, Petrol Odor and sheen.

8-19-02

8-19-02

Northeast Cape

Development MA 88-6

Total Depth = 15.2

Depth to GW = 10.4

Water Column = 4.8

SA / page vol = 2.5

Strong Petrol odor

Shore

1100	Temp °C	EC	NS	pH	
0	6.2	460.4		7.45	gray
1110					
1 + DRY	4.3	454.7		7.16	gray
1120					
2 + DRY	4.3	420.4		6.88	gray - clear, 1 up
1130					
3 + DRY	4.0	419.8		6.90	gray - orange
1140					
4 + DRY	3.6	414.1		6.92	gray

Northeast Cape

Development MA 88-7

Total Depth = 19.02

Depth to GW = 14.01

Water Column = 5.01

SA / page vol = 2.5 gal

Very Dark

Petrol odor

Very good Producer

Temp °C	EC	NS	pH
4.5	403.2		6.97
4.3	424.4		6.86
3.1	418.5		6.89
2.7	406.7		6.81
2.9	402.6		6.80
2.9	402.8		6.71
2.9	400.6		6.76
2.9	398.7		6.78

8-19-02

8-19-02

Northwest Cape

Development MW 88-8

Total Depth = 18,70

Depth to GW = 14,54

Water Column = 4,16

3x1 pipe & 2 gallons

Very dark
Detroit of
Shreen

	T [°] C	EC [°] N	PH	
0	4.2	412.3	7.75	1230
1	3.9	477.7	7.13	1235
2	2.9	466.9	7.18	1237
3 dry	2.9	458.1	7.05	1240
34 dry	2.9	459.0	6.74	1245
1 dry	2.9	453.8	6.73	1255
5 dry	2.9	397.4	7.06	1320
6 dry	3.1	380.6	6.96	1340
7 dry	3.0	380.2	6.98	1400

Sampled 8-19-02

Northwest Cape

Batch up drawing called. Part is not added @
0830. Called Perry to let them know plane delay
till at least 0900.

Depth on 88-8 may not be added part.

Depart to NEC. Weather and plane delays
due to lack of availability from Detroit recall of
an engine part which left very few planes
available for the day.

Begin day @ NEC. Shortened day due to delays in
weather / plane availability.

Sampled 8-20-02

22

8-20-02

Northeast Cape

Sampling MW 88-6

Total Depth = 15.20 Drill Core
 Depth to Gas = 10.43 Very Turbid
 Water Column = 4.77 Shown + odor
 3x purge = 2.5

	Temp °C	EC µS	pH	DO	Turb	CO ₂
0 1230	4.4	411	7.52			
1 1240	3.2	393.9	7.33			
2 1245	3.0	419.6	7.00			
2+ 1300	3.0	413.0	7.09	↑	700 turbid	—

> 1,000

Sampled 8-20-02

Northeast Cape

MW 88-7

Depth = 19.02 Very Turbid
 Gas = 14.02 Petrol odor
 Water = 5.00 Shown
 3x purge = 2.5

	Temp °C	EC µS	pH	DO	Turb	CO ₂
2.8	304.9	7.73				
2.3	482.4	7.4				
2.1	412.4	7.12				
2.1	425.0	7.00				
2.1	397.1	6.73				
2.1	398.6	6.75		NA	7/1000	NA

Sampled 8-20-02

8-20-02

Northeast Cape

Sampling MW 88-8

Total Depth = 18.7

Depth to GW = 14.6

Water Column = 4.1

$$3 \times 1 \text{ page} = 2$$

0.1420	Temp °C	ECns	pH	DO	Turb
1/1430	2.9	380.1	6.77		
2/1445	2.8	374.9	6.83		
2/1455	2.8	402.4	6.77		
2/1505	2.8	401.6	6.77		

Handwritten signature: *Handwritten signature* 8-27-02

8-20-02

Northeast Cape

Dr. David M. 88-9

Depth = 84.45

$\Delta H_{\text{fus}} = 20.24$

4.21

2003 2 gal

NO VISIBLE SHEEN OR PETROL ODOUR

Temp °C EC μ S pH

50 50 142.3 73

3.3 119.7 7.4

8.0 3.3 106.0 7.2

3.2 101.6 7.0

2 88 91.7 6.7

2,3 800 6

0 10 20 30 40 50 60 70 80 90 100

16. 11. 1929. 20.9. Gen.

[illegible]

103 224 6

Brown as applied to

may have all preceding

64

David Tamm Brown.

clearing up slowly

Still fan but Clearer

8-20-02

8-20-02

8-20-02

Northeast Cape

Development MW 88-10

Total Depth = 26.00

Depth to GW = 24.29

Water Column = 1.71

3X 1 purge = 3/4 gallon

	Temp °C	EC µS	pH
01030	3.6	382.1	6.02

Dry No Water Well. Not Recharging

Approx 0.5 gallons of very thick grey silty

Well Completely Dry, May not be able to

Will Collect purge directly tomorrow

Both Detect Oil and stress

1700 dry

1800 dry

C. J. [Signature]

8-20-02

8-21-02

Northeast Cape

0600 - Paper Sample Coolers for Shipment

0700 - [unclear] Boring Air. Flight Delayed due to poor visibility

Savonigo. No weather report for OTC.

0800 - Report for Northeast Cape

0900 - Arrive Northeast Cape

1000 - Report to Sample MW 98-10

1100 - Borel and Cape Smith delay for 201K through

1200 - [unclear] MW 98-10

Total Depth = 26.00

Depth to GW = 24.98

Water Column = 1.02

3X purge = 0.5 gal - No Purge due to poor Recharge

Directly minimal volume. Very dark grey, Silty, Sheen

Temp °C	EC µS	pH	DO	TKN	CO2
3.6	422.1	7.68	NA	>1,000	NA

1400 - 1500 Sample Collected from 1400 - 1730

K. J. [Signature]

8-21-02

28

8-21-02

Northeast Cape

1500

Sampling MW-9

Total Depth = 24.45

Depth to GW = 20.22

Water Column = 4.23

3 x 1 Purge $\approx$ 2 gal

	Temp °C	EC μ S	pH	DO	Turb	CO ₂
0 1430	9.6	92.9	8.00			
1 1435	2.7	88.1	7.82			
2 1440	2.6	87.1	7.71			
3 1442	2.3	85.4	7.15			
4 1445	2.3	84.8	6.97			
5 1450	2.3	84.7	6.98			
10 1500	2.3	81.9	6.86	4.0 mg/L		119 mg/L

Very Good Producer only well to clean up
relatively clean

No odor, No Sheen, O₂ = 5.5 mg/L

2020- Depart NCC for NCC

2115- Arrive NCC

Kandice H

8-21-02

29

8-22-02

Northeast Cape

0630- Pack Samples for shipment

0730- Depart NCC for NCC

- Home NCC

Go to high deep hydrology 19420

Big Redhead Sand Bill due to evidence from
field in water column.Begin dump of equipment, CO₂ as site today with
batteries

Return Spring Ties at MW location w/ Bill

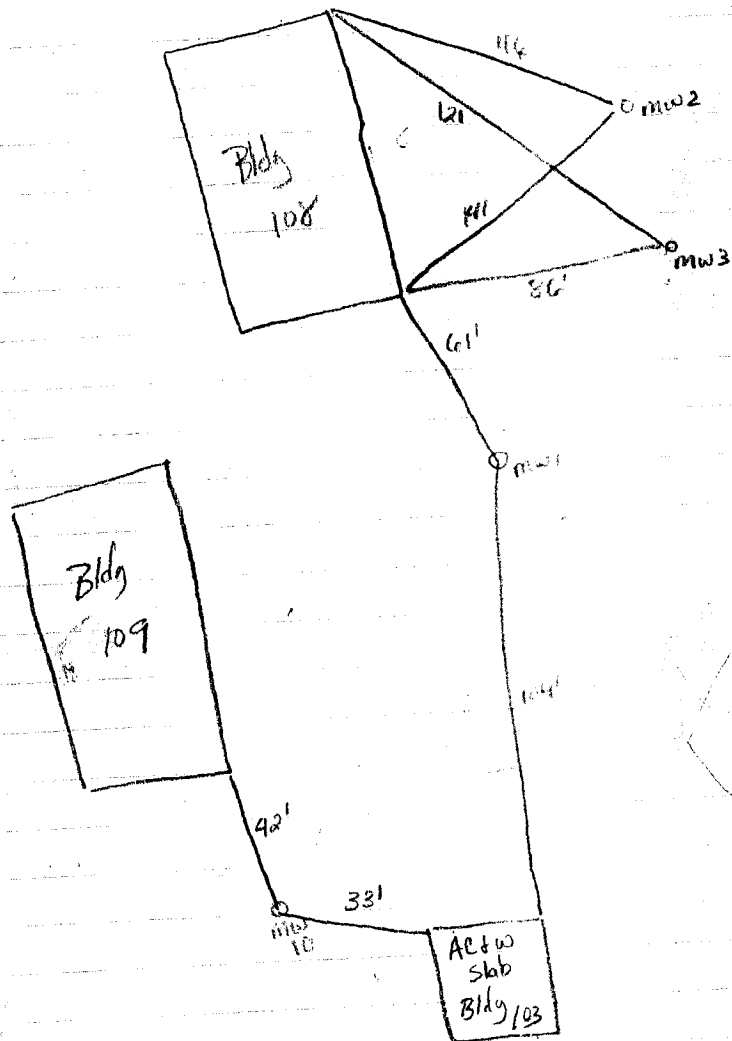
Kandice H

8-22-02

30

8-22-02

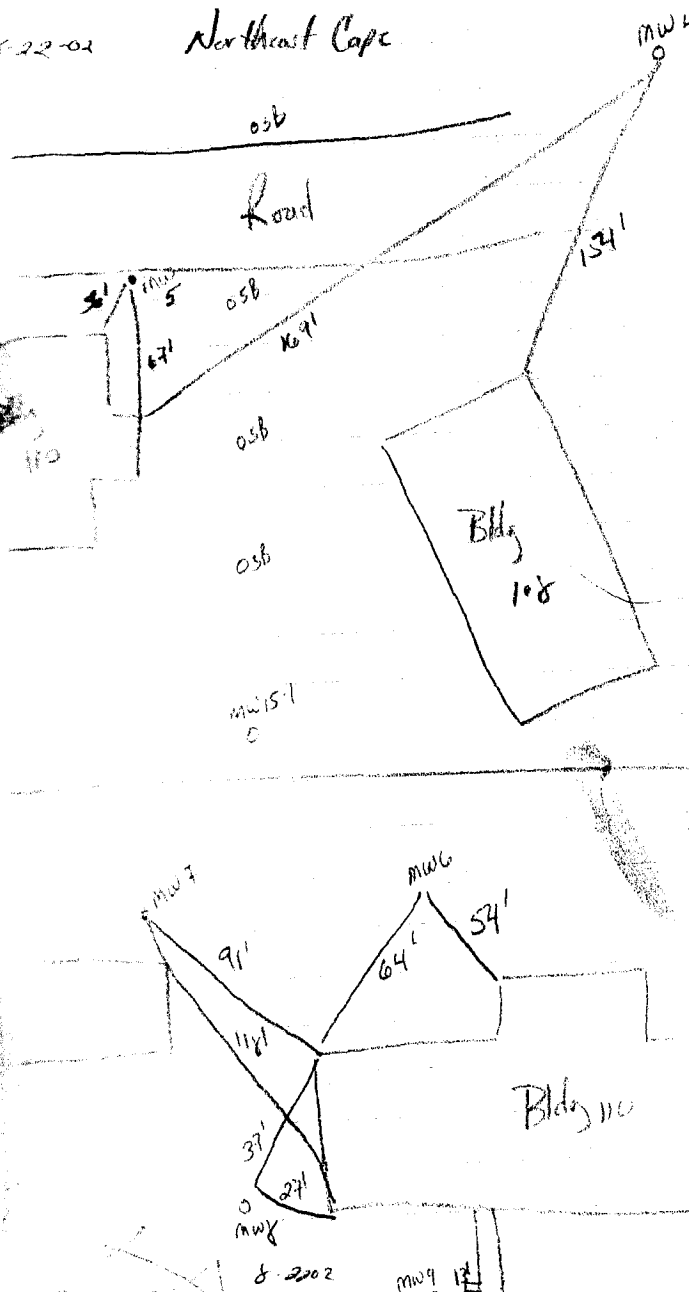
Northeast Cape



8-22-02

8-22-02

Northeast Cape



31

8-22-02

"Outdoor writing products for outdoor writing people."



RECYCLABLE

"Rite in the Rain" - A unique All-Weather Writing paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather.

Available in a variety of standard and custom printed case-bound field books, loose leaf, spiral and stapled notebooks, multi-copy sets and copier paper.

For best results, use a pencil or an all-weather pen.

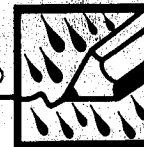
a product of

J. L. DARLING CORPORATION
Tacoma, WA 98424-1017 USA
(253) 922-6000 • FAX (253) 922-5300
www.RiteInTheRain.com



6 32281 39111 1

"Rite in the Rain"
ALL-WEATHER WRITING PAPER



HORIZONTAL LINE

All-Weather Notebook
No. 391

William A. O'Connell
Northeast Cape 2002
1850574.260120
USACE

4 5/8" x 7" - 48 Numbered Pages

NEC 2002 Fieldwork

1850574.260120

BCE

8-12-02

1430 Anchorage Airport

1700 Depart Anchorage

1930 Arrive Nome

- Mobilize gear
- go to Apt.

2200 End of Day

6 hrs

BCE

NEC 2002 Fieldwork

1850574.260120

BCE

8-13-02

0715 pickup Bonnie go to
Bering Air + Alaska Airlines
get gear, drop off at Apt.

0900 Bering Air check in
depart for NEC with.

Doug Quist

Bonnie McLean

Ralph + Greg from Disco Drilling

Michael + Miriam Toolie

1030 Arrive NEC

clean up at terminal bldg.
walk site, place MWs + soil borings
discuss logistics

1930 Lynden transport Arrives with
gear, drill rig, etc.

- unload gear, set up, weather-proof

2200 Done for Day 14 hrs
BCE

NEC 2002 Fieldwork

1850574.260120 ~~ACE~~

8-14-02

0700 wake up, eat, set up camp
Safety meeting, weather-proofing

1230 Bering Air Arrives with drill
bits
mob to site, heat up H₂O,
set up D-Con station.

1300
Drill MW88-1 and MW88-2
See field note forms + Bonnie
McLeans field notes for details

1930 Depart for Nome

2030 Arrive Nome
end of Day - 13 hrs

NEC 2002 Fieldwork

1850574.260120 ~~ACE~~

8-15-02

0730 Run Errands, go to
Bering Air

0900 Depart for NEC

1000 Arrive NEC
fill Potable H₂O bottles for
DeCon.
Help drillers with steam-cleaning
Augurs.

Mob to site, heat H₂O

1200 Start Drilling MW 88-3

1300 Break Drive-line @ 13'
stop drilling
Done for day, call Bering Air,
Call D3co. drilling.

NEC 2002 Fieldwork
1850574.260120

Be

8-16-02

1300 ~~0900~~ ⁰⁹⁰⁰ Waiting for parts
~~0900~~ Depart for NEC
with new Drive shaft

1400 ¹⁴⁰⁰ Arrive NEC
oops! Drive shaft too short

Call plane

1500 Depart NEC

1650 Arrive home

Be

NEC 2002 Fieldwork
1850574.260120

Be

8-17-02

0915 Depart home with welded
Drive shaft

1030 on site, Mob to MW88-3

1100 Drilling MW 88-3

1230 Constructing MW 88-3

Boring log

o- begun 8-15-02
soil boring

① 1155

4'
6'

No odor - greenish brown

② 1203

8'
10'

No Recovery

1210

12'

No Recovery

③ 1221

14'

No Recovery * broke down

cont. 8-17-02

16'

Strong odor - sandy

18'

Slight odor - sandy

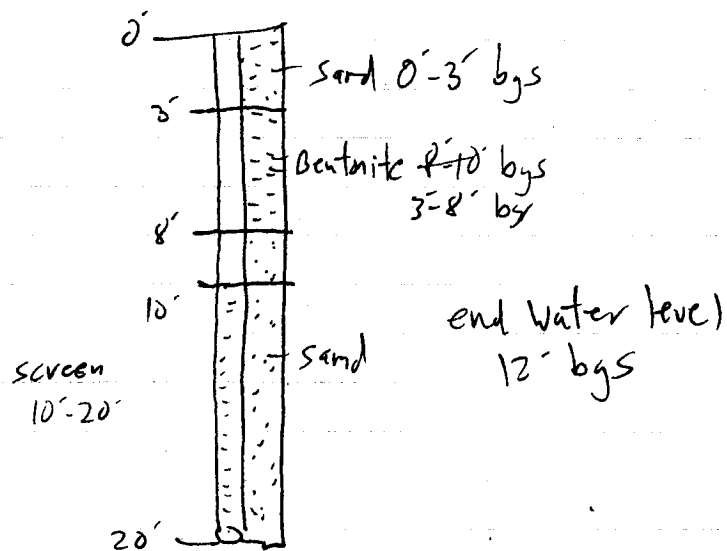
20'

Bottom

NEC 2002 Fieldwork
1850574.260120

Bor

8-17-02 MW 88-3 2" PVC Well



See Field note forms & Bonnie McLean
field notes for PIDs and
Sample ID #s

Bor

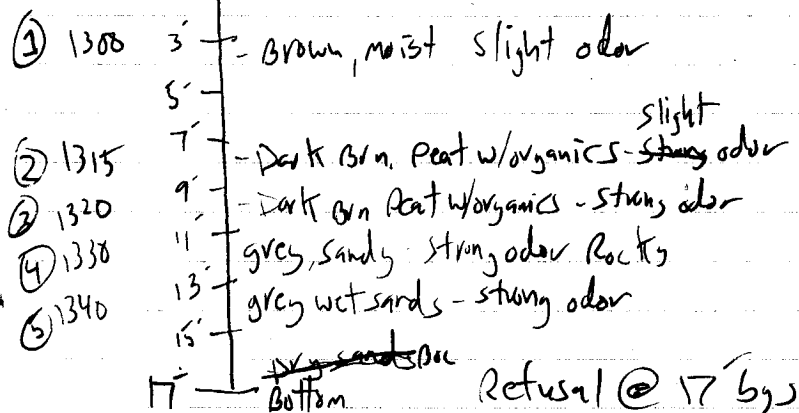
NEC 2002 Fieldwork
1850574.260120

Bor

8-17-02 MW 88-4

1300 Drilling MW 88-4

soil boring



End water level 15.5' bgs

odor seems concentrated in sandy
layers, No obvious staining
PIDs on Borehole Log

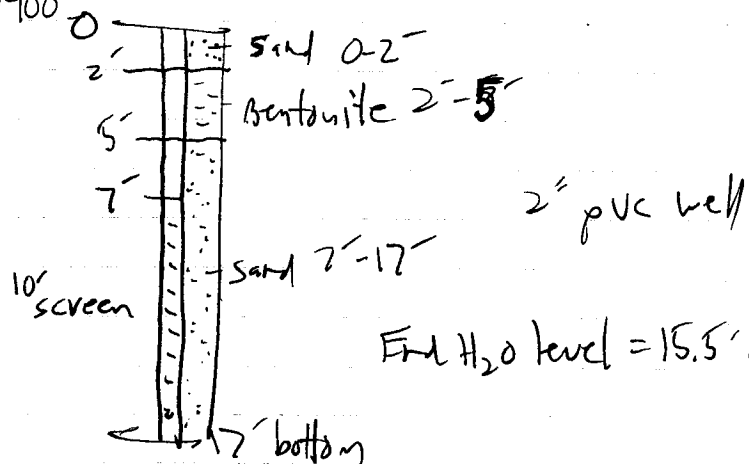
Bor

NEC 2002 Fieldwork 1850574.260120

8-17-02
MW 88-4 Construction

Rec

1400



1430 Return to Camp eat, set up
C = filter for Deco'n water
Decan Augurs, prepare samples,
get potable H₂O etc,

1530 setting up at MW 88-5

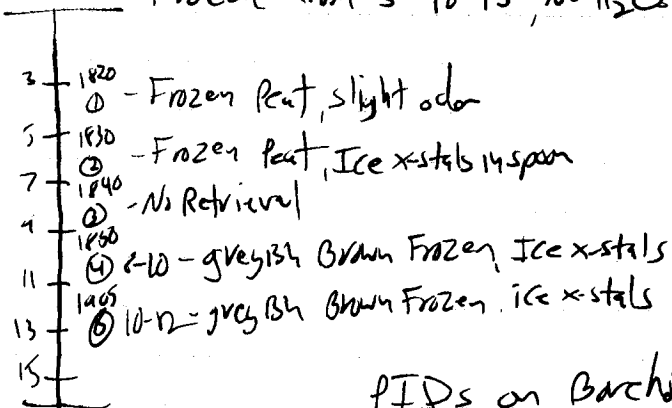
Bor

NEC 2002 Fieldwork 1850574.260120

Rec

8-17-02 MW 88-5

Frozen from 3' to 15', No H₂O

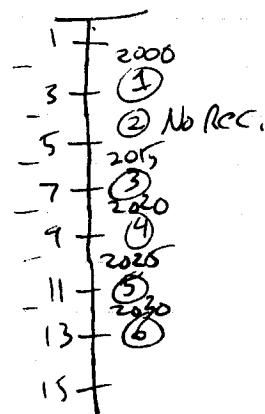


PIDs on Barche log

No H₂O MW 88-5 = SB 88-11

2000 MW 88-5

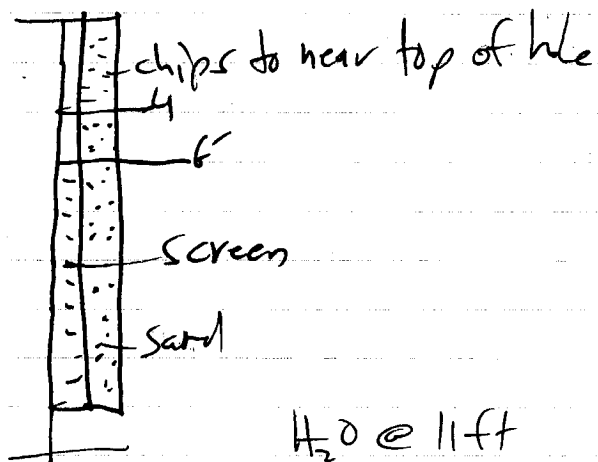
No odor, Crushed
Peat, sand
No Recovery
organic peat, some sand
odor organic peat + fine sand
greenish grey, odor, fine sand
grey, coarse wet sand no odor



H₂O @ 11.5 Ft.

8-17-02
2040 MW 88-5

NEC 2002 Fieldwork
1850574.260120



H₂O @ 11 ft

2100 clean up, fill H₂O jugs

2200 end of day

Bor

NEC 2002 Fieldwork
1850574.260120

8-18-02

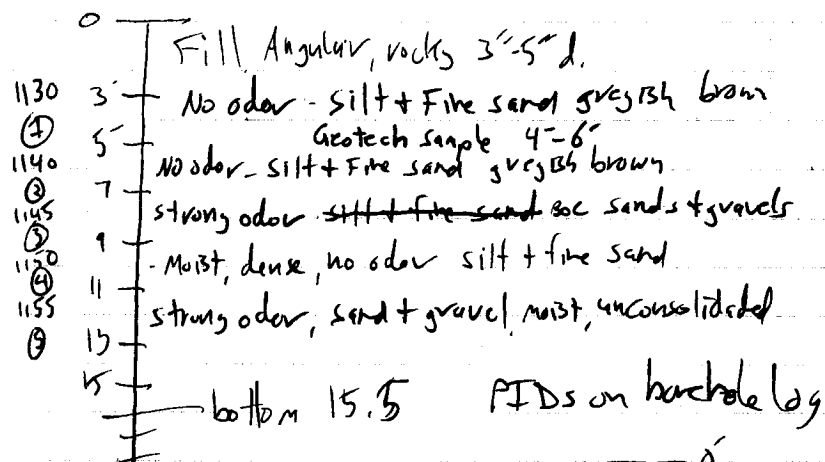
Bor

0800 get up, Mob to site

clean Augurs, heat water H+S meeting

88-5 H₂O level = 10.3' bgs

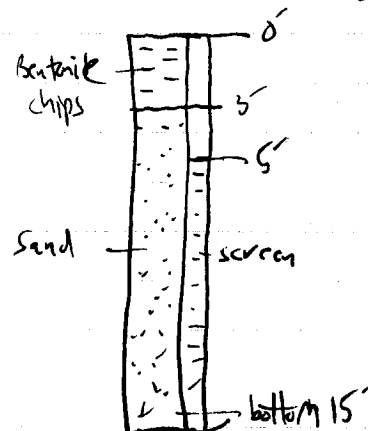
1100 start drilling MW 88-6



1200 building Well

End water Level 10.85

1230 Heating H₂O

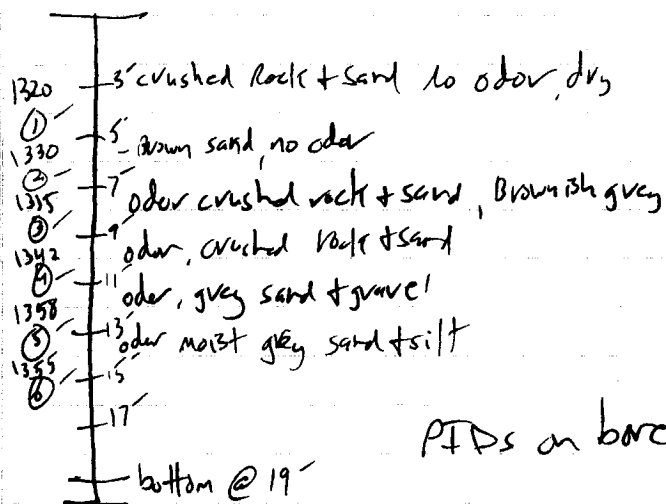


Bor

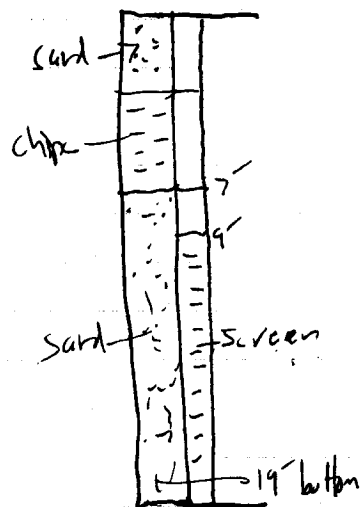
INEC 2002 Fieldwork
1850574.260120

8-18-02

1300 Setting up @ MW 88-7
1310 Drilling



1400 building well



me

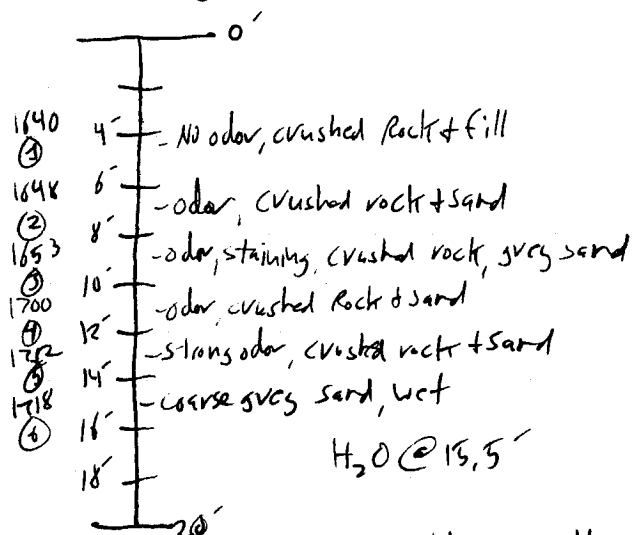
INEC 2002 Fieldwork
1850574.260120

8-18-02

1440 Return to Camp, eat,
clean Augers, get H₂O

1530 Heating H₂O for Decon

1600 Drilling MW 88-8



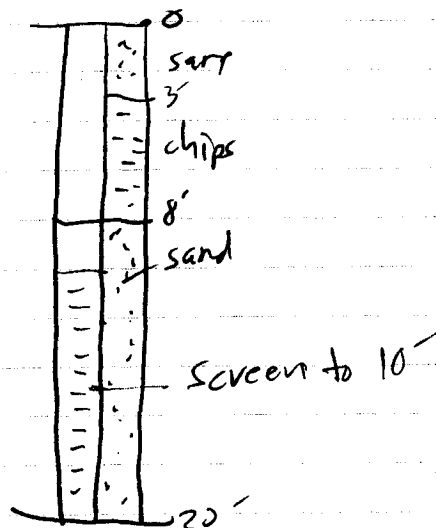
1730 Building Well
PIDs on barbed log

Bor

1730 MW 88-8

NEC 2002 Fieldwork
1850574.260120

Be



1830 Depart for Mine

2000 Paperwork
End of Day

602

1860574, 260/20

8-19-02

0866 Pick-up Johnny + Don Mullikin

Packet for NEC

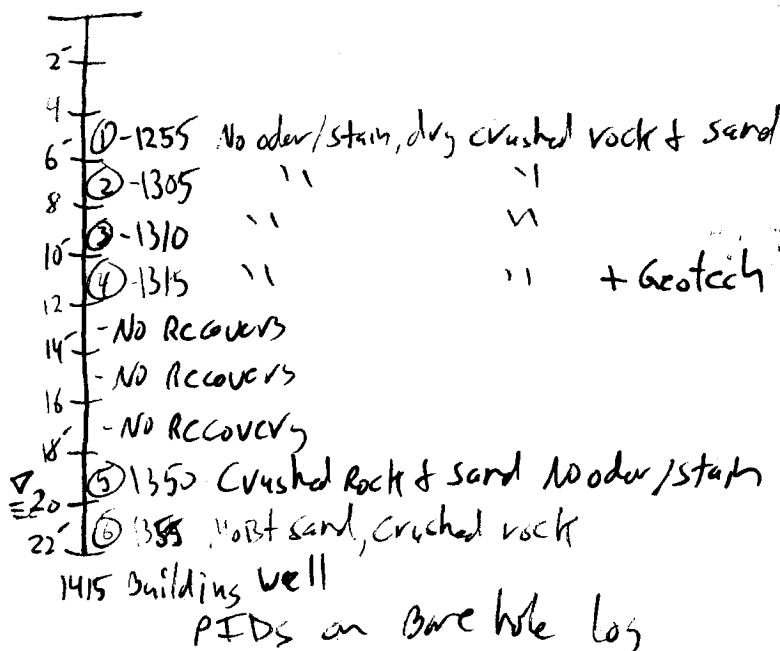
0915 Depart home

1015 Arrive NEC, get Water, Hts meeting
Mob to site

1100 Heating H₂O, Drillers Accounting August

1130 Helping Drillers Decon

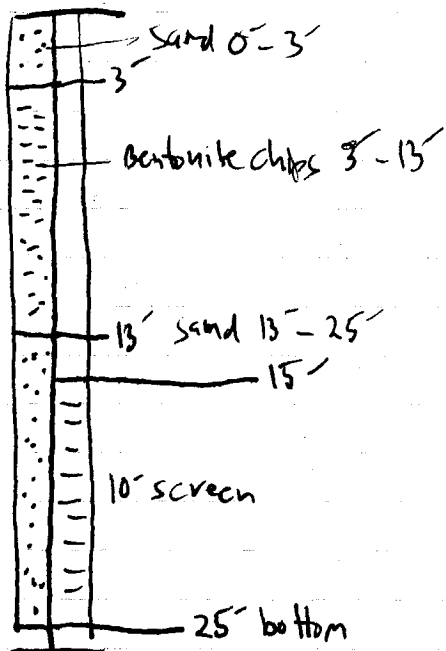
1255 MWPK-9 - Drillings



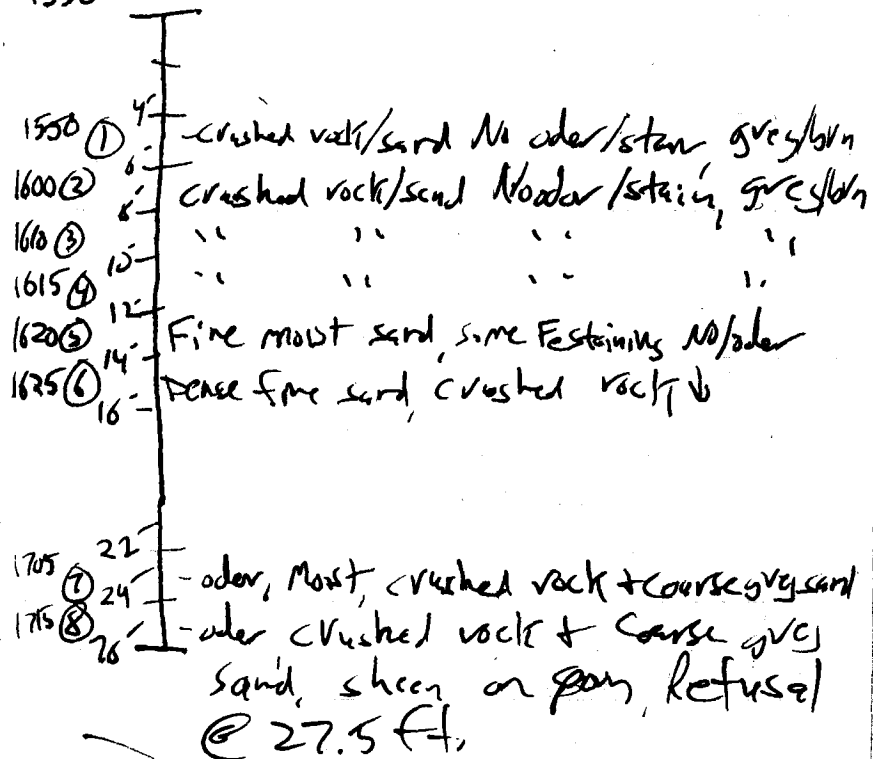
1415 Buildings well

PIDs on Bare hole log

M



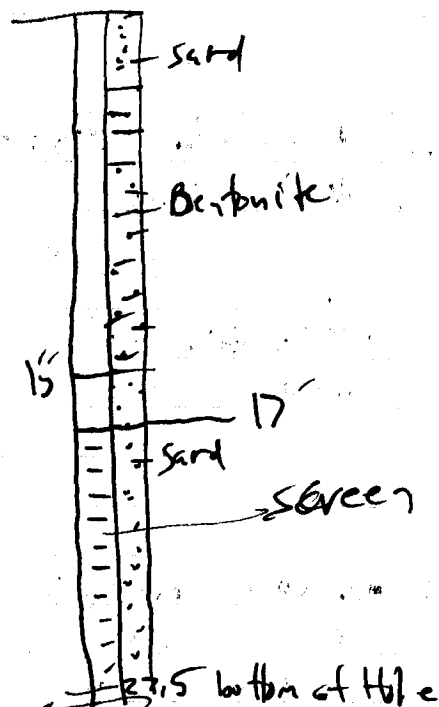
502



30

8-19-02
1736 MW 81-10

NEC 2002 Fieldwork
1850574.260120

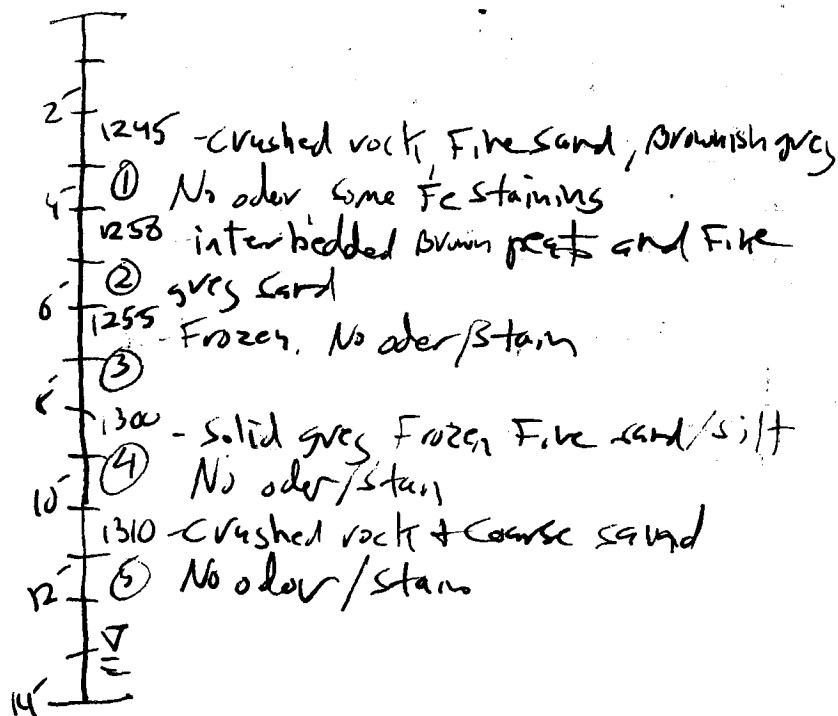


BOC

1850574.260120

8-20-02
0930 Arrive Berings Ar
Waiting for parts to arrive
from welder
0930 Depart Nome
1030 Arrive NEC
Recon Auger, get water

SB 12



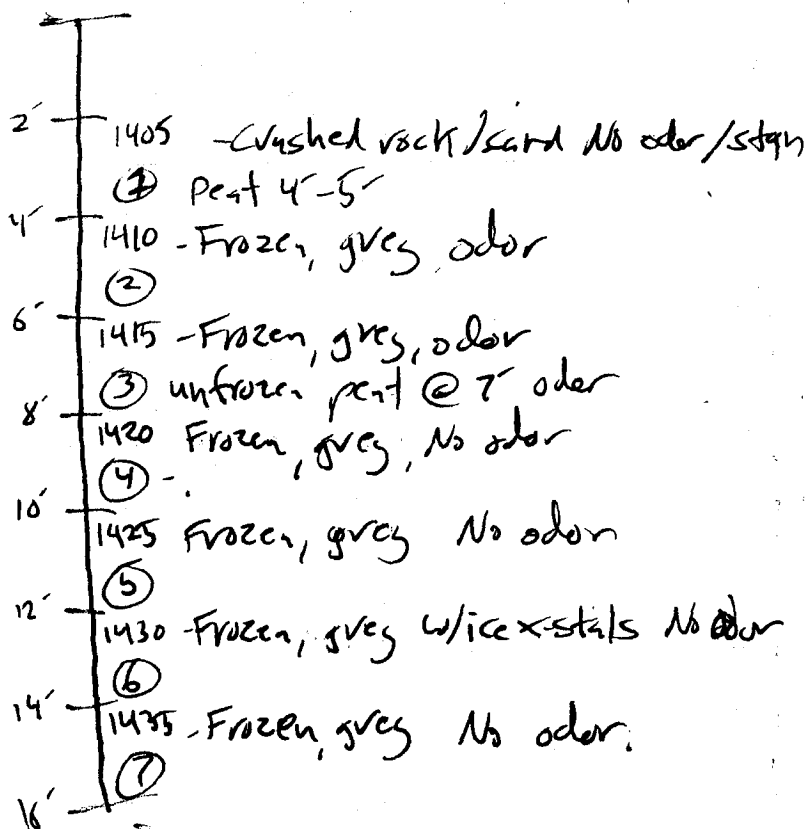
Bel

1850574.260120

8-20-02

~~Depart Name 0830~~ cor

1400 SB 88-13



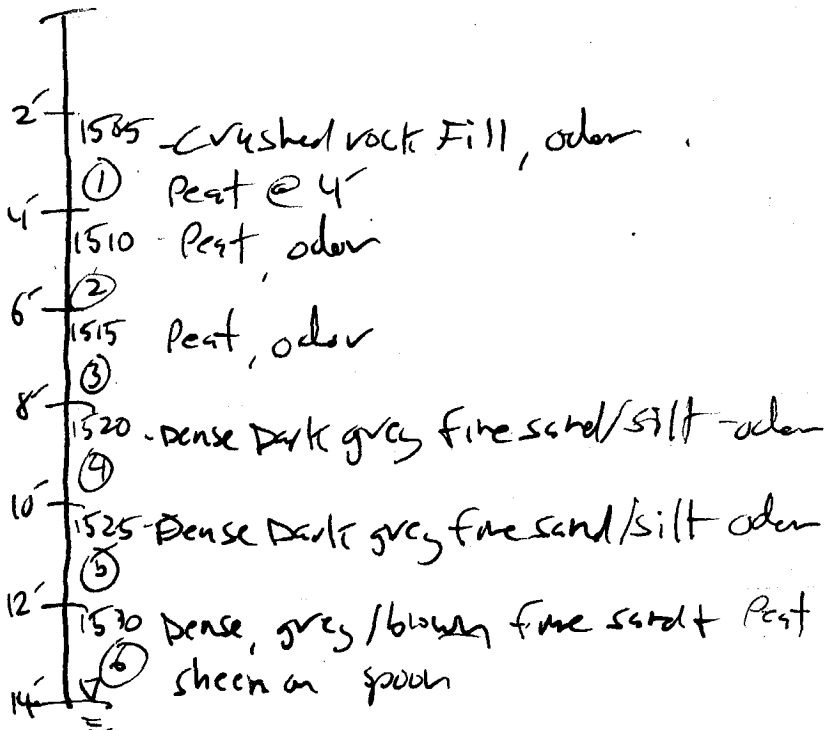
BOL

8-20-02

NEC 2002 Fieldwork ~~BC~~
 1850574.260120

1500/5416

SB 88-14

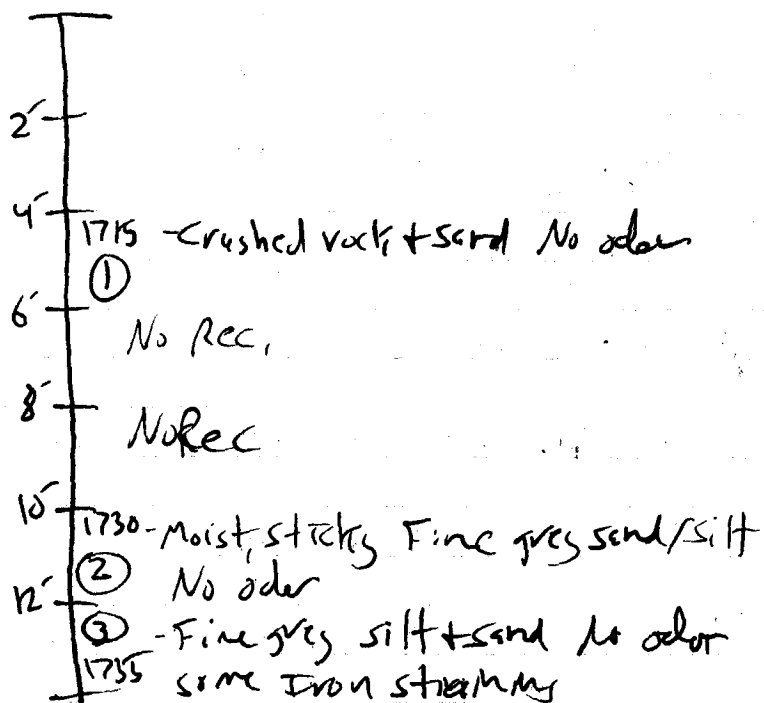


Low base 15' 11"

BOL

NEC 2002 Fieldwork
1850574.260120

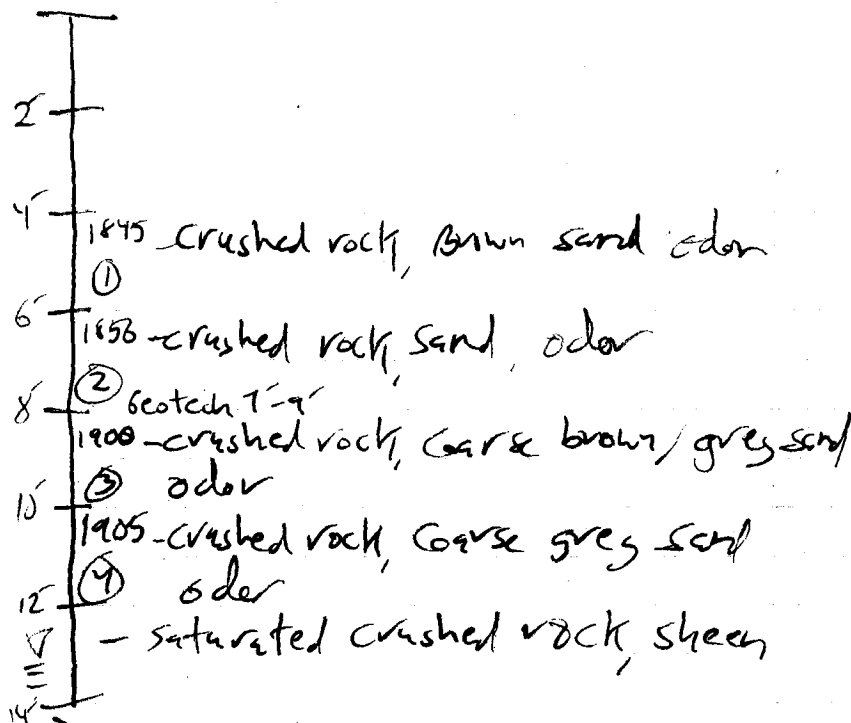
~~8-20-02~~
1700
SB 88-15



Boring continued to 21 feet then Augur
filled with H₂O to 13, only samples
< 13' collected

NEC 2002 Fieldwork
1850574.260120

~~8-20-02~~
1830
SB 88-16



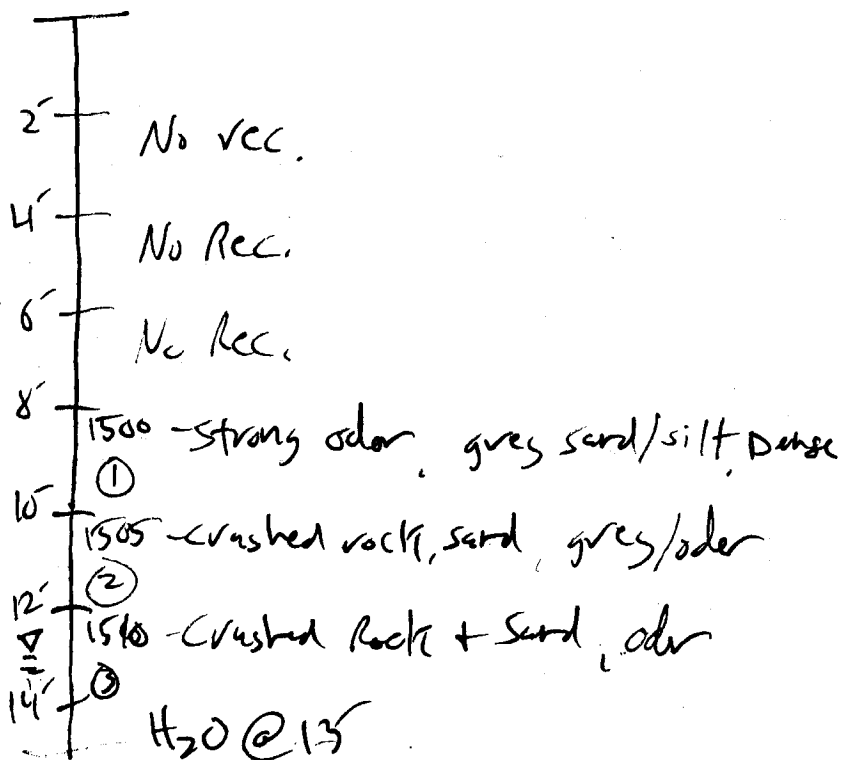
Bor

1850574, 260120

8-21-02

Depart Nome 1230 after
weather delay

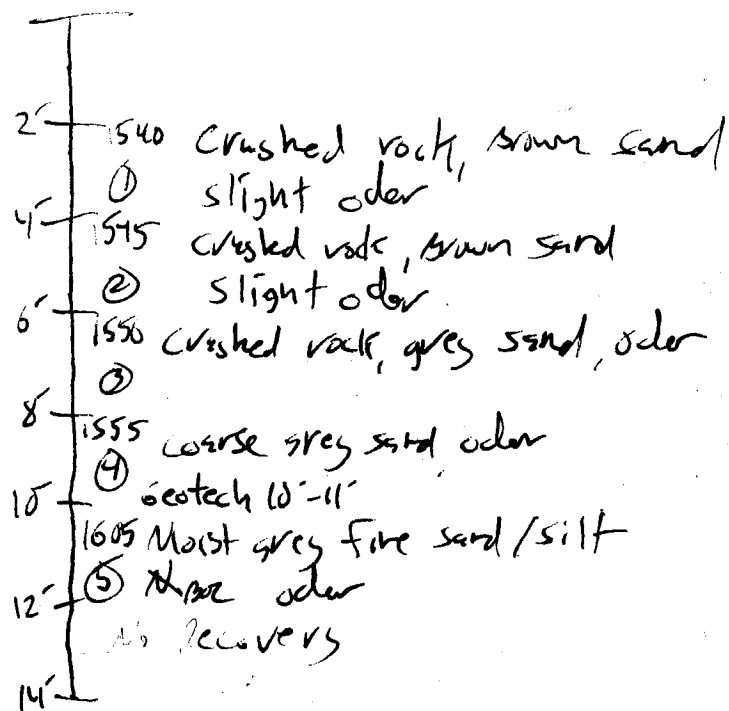
1435 SB 88-17

NEC 2002 Fieldwork
1850574.260120

8-21-02

1530

SB 88-18



ARRIVE Nome 2100

BCL

NEC 2002 Fieldwork

1850574.260120

SB 88-20 1740
 Depart 88-20 Boc

- 2' -
 4' -
 6' -
 8' -
 10' - No Recovery
 ① 12' 1820 - Crushed rock, greyish brown No odor
 ② 14' 1825 - Crushed rock + sand, grey brown No odor
 ③ 16' 1835 - Crushed rock No odor
 ④ 18' 1845 " " "
 20' No Rec.
 22' No Rec.
 ⑤ 24' 1915 Crushed rock, No odor
 ⑥ 26' 1925 Crushed rock, Brown sand No odor
 ⑦ 28' 1935 Fine grey sand, some Iron-staining No odor
 ⑧ 30' 1950 Crushed rock, Brown sand No odor
 32' No Rec.
 34' No Rec.
 36' No Rec.
 Refusal @ 36'

BOL

1850574, 260120

8-22-02

0830 Depart No me

0930 Arrive NEC Start
 packing Finish SB 88-20

SB 88-19

- 2' -
 4' -
 6' -
 8' -
 10' -
 ① 12' 1225 Crushed rock + sand No odor Brownish-grey
 ② 14' 1230 " " "
 ③ 16' 1235 Crushed rock, coarse grey sand, moist No odor
 ④ 18' 1250 " " "
 ⑤ 20' 1255 " " "
 ⑥ 22' 1305 " " "
 ⑦ 24' 1315 Crushed rock, Brown sand No odor
 ⑧ 26' No Rec.
 ⑨ 28' 1340 Crushed rock, No odor
 ⑩ 30' 1350 Fine Brown sand
 ⑪ 32' 1400 Moist grey silt/sand No odor
 ⑫ 34' 1410 Crushed rock + sand

BOL

1850574, 260120

8-22-02

Arrive Nome 1900

Depart Nome 2130

After Delay

Arrive Ana 2330

After Delay

PID Log

NEC 2002 Fieldwork

1850574.260120

31

SB 88-12

Sample #	PID
1	65.0
2	89.0 #23
3	48.0
4	65.0
5	53.0 #24

SB 88-13

1	79.9
2	35.7
3	153 #25
4	51.0
5	55.1
6	91.0
7	11.2 #26

SB 88-14

1	6080 #27
2	788
3	120
4	172
5	505
6	150 #28

SB 88-15

Sample #	PID
1	120
2	2779 #29
3	133 #30

SB 88-16

1	655
2	1558 #31
3	1142
4	2672 #32

SB 88-17

1	9999 #33
2	2815
3	9999 #34

SB 88-18

1	225
2	253
3	2413
4	4903 #35
5	4113 #36

Bor

KL

PID Log

NEC 2002 Fieldwork
1850574.260120

SB 88-19

Sample #	PID
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0

SB 88-20

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0

452

1850574.260120

see Sample Summary

Corehole #Samples 02NE88....

1W1

SB001 (MS/D), SB002

1W2

SB003, SB004^{see}

1W3

SB005, SB006, 206, 306

1W4

SB007, SB008

1W5

SB009, SB010

1W6

SB011, SB012

1W7

SB013, SB014

1W8

SB015, SB016 (MS/D)

1W9

SB017 (MS/D) SB018

1W10

SB019, SB020

↓

↓

see

1850574, 260120

Sample Summary (Cont.)

Borehole #Sample ID NEK...

SB-11

SB021, SB022

SB-12

SB023, 024

SB-13

SB025, 026

SB-14

SB027, 028

SB-15

SB029, 030

SB-16

SB031, 032

SB-17

SB033, 034, 234

SB-18

SB035, 335 (MS/D), 036,
236

SB-19

SB037, 237, 038, 338

SB-20

SB039, 239, 040, 340

Q(18) = Primary

3(40) = QA

2(39) = Dup

Box

1850574, 260120

Geotech SamplesBoreholeSample ID 02NEK...

SB-6

SB041

SB-9

SB042

SB-16

SB043

SB-19

SB044

All Primary, Dup + QA analyzed
for
DRO/BRO, GRO/BTEX PAH,
PCB, Pb, Zn, Cr and TOC

For GW info see DQ field notes

"Outdoor writing products for outdoor writing people."



RECYCLABLE

"Rite in the Rain" - A unique All-Weather Writing paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather.

Available in a variety of standard and custom printed case-bound field books, loose leaf, spiral and stapled notebooks, multi-copy sets and copier paper.

For best results, use a pencil or an all-weather pen.

a product of

J. L. DARLING CORPORATION
Tacoma, WA 98424-1017 USA
(253) 922-5000 • FAX (253) 922-5300
www.RiteintheRain.com



6 32281 391 1 1

"Rite in the Rain"®
ALL-WEATHER WRITING PAPER



HORIZONTAL LINE

All-Weather Notebook
No. 391

Shanna Dreher
NEC 2002 Field Notes
1850574. 266120
USACE

4 5/8" x 7" - 48 Numbered Pages

1850574.260120

8-14-02

0745 - Arrive at Anchorage Airport
 Flight 152
 Anchorage to Nome via Kotzebue

1215 Arrive in Nome
 pick up Van at Bering Air
 drive to Nanvaq Mannor

1430 Unpack Office and Lab Supplies

2000 Bonnie, Doug, Bill arrive back
 from NEC

Store Samples

End of Day

Johanna Dehes

1850574.260120

8-13-02

0730 Leave to pick up supplies
 arrive at Bering Air

0900 Bering Air Check in
 Depart for NEC

1000 Arrive at NEC
 Mob to site
 Health + Safety Meeting

1200 Start Drilling MW 8E-3

1300 Break Drive-line @ 13'
 Stop Drilling
 Done for day

Johanna Z. Dehes

1850574.260120

8-16-02

0700 Nome airport
back to Anchorage

Call Mingta - No Samples Shipped

1130 back @ MW# office

John G. Decker

1850574.26012

8-19-02

0530 arrive at Anchorage Airport

0830 arrive in Nome

0915 Bering Air Charter

1000 Health and Safety -
Tailgate

1245 MW-88-9 Drilling
to wash split spoons

1415

¹⁴¹⁰
~~1510~~ - MW88-10 Drilling

to
1715 wash split spoons

1900 leave NEC

2000 Arrive in Nome

Pack Coolers

JD

1850574. 260/20

8-20-02

2000 Leave NEC

0830 Arrive Bering Air
wait for parts to arrive

2100 arrive Nome

prepare samples

0930 Depart Nome

1030 Arrive NEC

1100 Health + Safety
Tail gate

1145 Soil Boaring 88-12
wash split spoons

1400 ^{up}~~SB~~ 88-13 ~~SB~~
wash split spoons

1500 SB 88-14
wash split spoons

1700 SB 88-15
wash split spoons

1820 SB 88-16
wash split spoons

JED

Jhanna Z. Dohy

1850574. 260120

8-21-02

0830 Bering Air

Weather Delay

1230 Depart Nome

1330 arrive NEC

1435 SB 88-17

wash Split Spoons

1530 SB 88-18

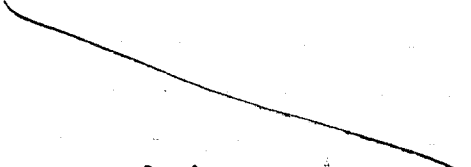
wash Split Spoons

1740 SB-20

wash split Spoons

2100 Arrive in Nome

Pack Coolers

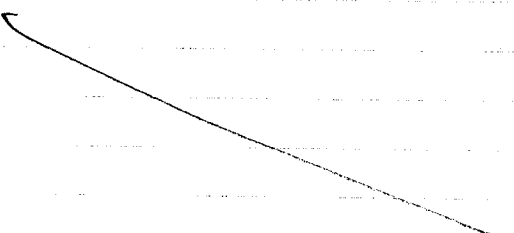

 Johanna Y. Decker

1850574. 260120

8-22-02

0800 - Bill, Doug to
Bering Air0900 - Cooler to Alaska
Airlines

1200 - Nome Airport

1400 - Back at MWH
offices

 Johanna Y. Decker



MWH
MONTGOMERY WATSON HARZA

DATE 8-12-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
		X					

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
		X	X		
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
Wind	Still	Moderate	High	Report No. 31	
Humidity	Dry	Moderate	Humid		

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE:

CME 45 truck mounted
ATV (3), W/C meters
PID, SAT phone, Imp. Supplies

1 - Eugene
1 - Michael
(one for one day)

WORK PERFORMED (INCLUDING SAMPLING):

Travel to NOM
Arrive to Gate to pick Cargo @ AKAH
Move into Apt. 101 &
Apt 102.

PROJECT: Northeast Cape

REPORT NO.: 01

JOB NO.: 1850574.260120

DATE: 8-12-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 9/100 ppm isobutylene	N/A
EC	
pH	
DO	
Turb.	
CO ₂	

HEALTH AND SAFETY LEVELS AND ACTIVITIES: 1500 Daily safety tailgate meeting completed

INJURIES	ACCIDENTS:	NEAR MISSES:
: 0	0	0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN: NO

FIELD CHANGES: none

SPECIAL NOTES: none

TOMORROW'S EXPECTATIONS: Travel NEC; unlead HERC;
Set-up WATER system

BY: C. M. Schen

TITLE: FTL/PM



MWH
MONTGOMERY WATSON HARZA

DATE 8-13-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
			X				

Project Manager McLean

Project Northeast Cape

Job No. 1850574.260120

Contract No. _____

Weather	BrightSun X	Clear X	Overcast	Rain	Snow
Temperature (°F)	Below 32	32 to 50 X	50 to 70	70 to 85	Above 85
Wind	Still	Moderate X	High	Report No. 2	
Humidity	Dry X	Moderate	Humid		

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE:

CME 45 touch monitor
ATV (3), WQ meters used m. chaul
Pid, Sat phone, Imp. Supplies one day only

WORK PERFORMED (INCLUDING SAMPLING):

Travel to Nec (NAT); waited for Heor
Arrived 1930; Left 2020
Offloaded & staged equipment
Set up tent in Terminal Bldg
Eugene & Floyd at site
Rented Eugene's ATV & tool; Michaels
TRC for today
Floyd will start work Wed.
We used cabin for night
Ind 2345.

PROJECT: Northeast Cape

REPORT NO.: 2

JOB NO.: 1850574.260120

DATE: 8-13-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 9/100 ppm isobutylene

EC

pH

DO

Turb.

CO₂

N/A

N/A

HEALTH AND SAFETY LEVELS AND ACTIVITIES: 0/100 Daily safety tailgate meeting completed

INJURIES

: 0

ACCIDENTS:

0

NEAR MISSES:

0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

LATE CAUGA
plane arrived; Discovery didn't bring
drill bits.

FIELD CHANGES:

Called Joanna to come Tues Wed for Thurs. travel to Wed.
Called Kyle drill bits to be out AM

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS:

Setup water shut new
construction; complete stream flow
start new construction

BY:

Bornchean

TITLE:

FTL



MWH
MONTGOMERY WATSON HARZA

DATE 8-14-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				X			

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
		X			
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
		X			
Wind	Still	Moderate	High	Report No.	
		X			
Humidity	Dry	Moderate	Humid	3	
	X				

SUBCONTRACTORS ON SITE:

Discovery Drilling
Ray D. Ringelback Jr.

EQUIPMENT ON SITE: CME 45 truck mounted
ATV (3) , WQ meters
Pid , Sat phone , Imp. Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Set-up Water systems

Start construction @ 1300 MW 88-1 ; D, 18.5'
Well Completed @ 18.5'

Started construction MW 88-2. completed
sampling @ 1720 ; well completion @ 1900 D, 17.0'

Done completed Flow measurements.

Prepare samples for shipping.

Travel to Nome.

PROJECT: Northeast Cape

REPORT NO.: 3

JOB NO.: 1850574.260120

DATE: 8-14-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATION AND STANDARDIZATION):

	Microtop calibrated at 9/100 ppm isobutylene	yes
EC		
pH		
DO		
Turb.		
CO ₂		

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

San	Daily safety tailgate meeting completed	
1000	(Floyd)	
INJURIES	ACCIDENTS:	NEAR MISSES:
0	0	0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

Dull bits arrive on unscheduled NAJ; stood by 1130-1200
One bottle used spilled in cooler
over most bottles; contaminated; used
FIELD CHANGES: use drum lab bottles

SPECIAL NOTES:

Discovery = NAJ trip to hang out bits

TOMORROW'S EXPECTATIONS:

Complete new 3, 4, 5

BY:

Gmachee

TITLE:

FTL

DATE 8-15-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
					X		

Project Manager McLeanProject Northeast CapeJob No. 1850574. 260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
		X			
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
		X			
Wind	Still	Moderate	High	Report No.	
		X			
Humidity	Dry	Moderate	Humid	4	
	X				

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE:

CME 45 truck mounted
ATV (3) , WG meters
P.D. , Sat phone , Pump Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Start MW 88-3 ; rig breaks @ 1230.Day Developing MW 88-1 & 88-2 No rechargeArrive Home @ 1630.

PROJECT: Northeast Cape

REPORT NO.: 04

JOB NO.: 1850574.260120

DATE: 8-15-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 9/100 ppm isobutylene yes
EC yes
pH yes
DO
Turb. yes
CO₂

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

yes Daily safety tailgate meeting completed
@ 1100

INJURIES

: 0

ACCIDENTS:

0

NEAR MISSES:

Drill Rod broke
off & flew from tower
landing on right side
of drill in mid section

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

Drill Rod broke drill rod; Called Mack for
new part

FIELD CHANGES:

To Nome early;
Johanna to go home until Monday
(because of delays)

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS:

New part arrives; can get to work

BY:

Pamcha

TITLE:

ATL

DATE 8-16-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fr	Sat
						<u>K</u>	

Project Manager McLeanProject Northeast CapeJob No. 1850574.260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
Wind	Still	Moderate	High	Report No. <u>05</u>	
Humidity	Dry	Moderate	Humid		

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE:

CME 45 truck mount
ATV (3), WC meters
PID, SAT phone, Pmp supplies

WORK PERFORMED (INCLUDING SAMPLING):

Wait for new part; Ralph not very down.
Arrive NEC @ 1540 with New partPart doesn't fit; call Kyle; left part (broken
in Nemo to be welded.Call plane back; return to NemoRalph to track down repaired rod.Ralph finds repaired rod.(3)

PROJECT: Northeast Cape

REPORT NO.: 5

JOB NO.: 1850574.260120

DATE: 8-16-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATION AND STANDARDIZATION):

yes Microtop calibrated at 9/100 ppm isobutylene Bgm
EC
pH
DO
Turb.
CO₂

HEALTH AND SAFETY LEVELS AND ACTIVITIES: yes Daily safety tailgate meeting completed
1540

INJURIES
: 0

ACCIDENTS:
0

NEAR MISSES:
0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

Part doesn't fit; return to home find repaired road.

FIELD CHANGES:

No work
Dylan Hanna
No samples sent because only have one QA Trip blank.

SPECIAL NOTES:

NAJ = Discovery
All Labor = Discovery

TOMORROW'S EXPECTATIONS:

Start work

BY:

Bgm

TITLE:

FTL



DATE 8-17-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
							X

Project Manager McLean

Project Northeast Cape

Job No. 1850574.260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
Temperature (°F)	Below 32	32 to 50 X	50 to 70	70 to 85	Above 85
Wind	Still	Moderate	High X	Report No. 06	
Humidity	Dry	Moderate	Humid		

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE:

CME 45 truck mounted
ATV (3) , WC meters
P.D. , SAT phone , Imp. Supplies

WORK PERFORMED (INCLUDING SAMPLING):

883-Completed sampling & well @ 20.5 DT
screen well @ 20.0-10 bgs
Nugget arrives.
Water samples mws 88-1 mws 88-2 collected.
Mws 88-4 Completed sampling @ 12' & well
Construction @ 17.0' DT; screen 16.5-6.5 bgs
Mws 88-5 Becomes 88-11 because of frozen
soils 3'-15'
moved south to place mws 88-5
completed sampling @ 11'; well completed
16.5 DT screen 16'-6' bgs
Bad weather prevents return to home.

Bgr

PROJECT: Northeast Cape

REPORT NO.: 06

JOB NO.: 1850574.260120

DATE: 8-17-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 97 / 100 ppm isobutylene Beggs
EC yes
pH yes
DO
Turb. yes
CO₂

HEALTH AND SAFETY LEVELS AND ACTIVITIES: yes @ 11:00 Daily safety tailgate meeting completed

INJURIES

: 0

ACCIDENTS:

0

NEAR MISSES:

0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

FIELD CHANGES:

Stay NEE because of weather

SPECIAL NOTES:

Unable to ship samples on Sunday as planned

TOMORROW'S EXPECTATIONS:

Mon 88-678
Return to Nome with samples

BY:

Beggs

TITLE:

Beggs

DATE 8-18-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
	X						

Project Manager McLeanProject Northeast CapeJob No. 1850574. 260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
Wind	Still	Moderate	High	Report No. 07	
Humidity	Dry	Moderate	Humid		

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE:

CME 45 truck mounted
ATV (3) , WG meters
P.D. , SAT phone , Pmp supplies

WORK PERFORMED (INCLUDING SAMPLING):

mw88-6 Completed sampling at 14' bgs; well
D_T 16.5' screened 16 + 6 bgsMW88-7 completed sampling @ 14' bgs;
well completed D_T 19.5; screen 9-19 bgsmw 88-8 completed sampling @ 15.0; D_T 20.5'
screened 10-20 bgsDeveloped MW88-3, 88-4, 88-5
Return to NormPrepare cables for shipping Jeff

PROJECT: Northeast Cape

REPORT NO.: 7

JOB NO.: 1850574. 260120

DATE: 8-18-08

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 9/ 100 ppm isobutylene

EC

pH

DO

Turb.

CO₂

HEALTH AND SAFETY LEVELS AND ACTIVITIES: yes Daily safety tailgate meeting completed

INJURIES

: 0

ACCIDENTS:

0

NEAR MISSES:

0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN: CP

FIELD CHANGES:

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS:

Ship coolers' Johanna to
arrive complete m/w 9/10
SB 88-12 Developed &
sample

BY:

Burcham

TITLE:

FTL



DATE 8-19-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
		/				/	

Project Manager McLean

Project Northeast Cape

Job No. 1850574.260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
			X	X	
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
		X			
Wind	Still	Moderate	High	Report No. <u>08</u>	
		X			
Humidity	Dry	Moderate	Humid		
	X				

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE:

CME 45 truck mounted
ATV (3) , WG meters
P.D. , SAT phone , Imp. Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Johanna arrives; travel to NEC
BGM returns to Anth.
Reviewed all remaining tasks of Day.

Sampled MW 88-9
MW 88-4
MW 88-5

Completed sampling & construction MW 88-9
26.0' bgs; DT 25.5'; screened 25-15 bgs

Completed sampling construction MW 88-10
@ 27.0 bgs; DT 27.5'; screened 27.0 - 17.0 bgs

Developed MW 88-6
MW 88-7
NW 88-8

PROJECT: Northeast Cape

REPORT NO.: _____

JOB NO.: 1850574.260120

DATE: _____

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATION AND STANDARDIZATION):

Microtop calibrated at 97 / 100 ppm isobutylene *Bgm*

EC

pH

DO

Turb.

CO₂

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

Daily safety tailgate meeting completed

INJURIES

ACCIDENTS:

NEAR MISSES:

:

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

FIELD CHANGES:

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS:

BY: _____ TITLE: _____



MWH
MONTGOMERY WATSON HARZA

DATE 8-20-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
			☒				

Project Manager McLean

Project Northeast Cape

Job No. 1850574.260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
			☒		
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
Wind	Still	Moderate	High	Report No. 09	
Humidity	Dry	Moderate	Humid		

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE:

CME 45 truck mounted
ATV (3) , WQ meters
P.D , SAT phone , Imag Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Sampled MW 88-6, 88-7, & 88-8
Completed soil sampling
SB 88-12, SB 88-13, SB 88-14, &
SB 88-15 & SB 88-16
Developed MW 88-9 & MW 88-10

PROJECT: Northeast Cape

REPORT NO.: NO 9

JOB NO.: 1850574. 260120

DATE: 8-20-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIEDL CALIBRATION AND STANDARDIZATION):

yes Microtop calibrated at 9/100 ppm isobutylene
EC ✓
pH 9, 7, 10
DO NA
Turb. NA
CO₂ NA

HEALTH AND SAFETY LEVELS AND ACTIVITIES: Yes Daily safety tailgate meeting completed

INJURIES
: 0

ACCIDENTS:
0

NEAR MISSES:
0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

Drill Rig Parts Being Welded in a.m., Delayed departure until ~10.00 a.m

FIELD CHANGES:

SPECIAL NOTES:

Naj down - King Air to island

TOMORROW'S EXPECTATIONS:

Sample MW's 9+10
Complete Borings perhaps both deep Boreholes

BY: Douglas Pina

TITLE: F. Chemist



MWH
MONTGOMERY WATSON HARZA

DATE 8-21-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				X			

Project Manager McLean

Project Northeast Cape

Job No. 1850574. 260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
Wind	Still	Moderate	High	Report No. 10	
Humidity	Dry	Moderate	Humid		

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE:

CME 45 truck-mounted
ATV (3), WG meters
PID, SAT phone, Imp. Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Collected water samples from
mw 88-9 & mw 88-10
Completed BH's 88-17, 88-18

PROJECT: Northeast Cape

REPORT NO.: 10

JOB NO.: 1850574. 260120

DATE: 8-2

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATION AND STANDARDIZATION):

Yes Microtop calibrated at 9/100 ppm isobutylene
EC ✓
pH 4, 7, 10
DO NA
Turb. NA
CO₂ NA

HEALTH AND SAFETY LEVELS AND ACTIVITIES: Yes Daily safety tailgate meeting completed

INJURIES
: 0

ACCIDENTS:
0

NEAR MISSES:
0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

~~None~~ Sampled MW88-10 directly due to poor development parameters very little water and extremely slow recovery. once pumped dry very slow.

FIELD CHANGES:

None

SPECIAL NOTES:

NAJ - Bering has limited plans due to nationwide grounding of NAJ's w/ a particular part. Delayed by weather (no report) and lack of plans available.

TOMORROW'S EXPECTATIONS:

Demob

BY: Laugher Priest

TITLE: F. Chemist



MWH
MONTGOMERY WATSON HARZA

DATE 8-22-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
					X		

Project Manager McLean

Project Northeast Cape

Job No. 1850574.260120

Contract No. _____

Weather	BrightSun	Clear	Overcast	Rain	Snow
		X			
Temperature (°F)	Below 32	32 to 50	50 to 70	70 to 85	Above 85
		X			
Wind	Still	Moderate	High	Report No.	
			X		
Humidity	Dry	Moderate	Humid	11	
	X				

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE:

CME 45 touch monitor
ATV (3), WQ meters
PID, SAT phone, Long Sigsbee

WORK PERFORMED (INCLUDING SAMPLING):

Johanna returns to Anch. Am; Arrive
NEC; Collected soil samples SB 22-1 & SB 22-2
Prepare equipment for shipping on Sat
Return to Nome
Bill returns to Anch. Am
Prepare equipment in Nome for cargo
Shipping

PROJECT: Northeast Cape

REPORT NO.: 11

JOB NO.: 1850574.260120

DATE: 8-22-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATION AND STANDARDIZATION):

~~EC~~
~~pH~~
~~DO~~
~~Turb.~~
~~CO₂~~

Microtop calibrated at 97 ppm isobutylene 100 ppm

HEALTH AND SAFETY LEVELS AND ACTIVITIES: Yes Daily safety tailgate meeting completed

INJURIES

: 0

ACCIDENTS:

0

NEAR MISSES:

0

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

0

FIELD CHANGES:

0

SPECIAL NOTES:

Johanna departed on a.m. flight
Bill departed on p.m. flight

TOMORROW'S EXPECTATIONS:

Demob from Nome to ANC

BY:

Angela Priest

TITLE:

E. Chemist



MWH
MONTGOMERY WATSON HARZA

DATE 8-23-02

DAY	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
-----	-----	-----	------	-----	-------	----------------	-----

Project Manager McLean

Project Northeast Cape

Job No. 1850574.260120

Contract No. _____

Weather	BrightSun X	Clear	Overcast	Rain	Snow
Temperature (°F)	Below 32	32 to 50 X	50 to 70	70 to 85	Above 85
Wind	Still	Moderate X	High	Report No. 12	
Humidity	Dry X	Moderate	Humid		

SUBCONTRACTORS ON SITE:

Discovery Drilling

EQUIPMENT ON SITE:

CME 45 truck mounted
ATV (3) , WQ meters
PID , SAT phone , Imp. Supplies

WORK PERFORMED (INCLUDING SAMPLING):

Dredge returns to Area

PROJECT: Northeast Cape

REPORT NO.: 12

JOB NO.: 1850574.260120

DATE: 8-23-02

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATION AND STANDARDIZATION):

~~EC~~
~~pH~~
~~DO~~
~~Turb.~~
~~CO₂~~

Microtop calibrated at 9/ ^{100 ppm} ppm isobutylene

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

Ø Daily safety tailgate meeting completed

INJURIES

Ø

ACCIDENTS:

Ø

NEAR MISSES:

Ø

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION TAKEN:

Ø

FIELD CHANGES:

Ø

SPECIAL NOTES:

Depart on a.m. Flight w/ samples.

TOMORROW'S EXPECTATIONS:

Ship Samples on Sunday for Monday delivery

BY:

Douglas Dun

TITLE:

F. Chemist

SOIL BORING LOG

PROJECT
NO.: 853574.260120

BORING NO.: 88-1

SHEET
1 OF

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is.

CLIENT USACE - Alaska

GEOLOGIST

McLean

DATE 8/14/02

WEATHER cloudy, rain

AK STATE PLANE
COORDINATES

96392.8914 98090.442
(Northing) (Easting)

ELEVATION
DATUM

MSL

DRILLING
METHOD

Hollow stem

BORING
SIZE 8 1/4"

HAMMER
DROP (IN LBS)

30/360

RIG TYPE CME 45

DRILLER/
COMPANY

Discovery

SAMPLES

2

SAMPLE
TYPE

grab

SAMPLER
TYPE/DIAMETER

2 1/2" SS

TOTAL
DEPTH (FT)

22.5

DEPTH TO
SWL (FT)

20.0

TOP OF HOLE
ELEVATION

82.29

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE		SOIL DESCRIPTION (ASTM 2488)	WELL COMPLETED? ☒ YES ☐ NO
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL		
0					SP		1430		Fill, fine crushed rock 88-1 (0-2.5) PID 1.0	
1							(1)		Reddish brown Dry, NO ODOR, NO STAINING	
2										
3	11				SP		1445		88-1 (2.5-5.0) PID 1.0	
4	9						(1)		No change fill material Sand & crushed rock dry, No odor, no staining	
5	10									
6	12									
7	12				GM		1450		Moist, Dark olive brown Sand with silt, broken rock 88-1 (5-7.5) PID 1.2	
8	6	1080	10	25			(2)		NO ODOR, NO STAINING	
9	9									
10	8									
11	10									
12	46						1500		88-1 (7.5-10.0) NO RETRIEVAL, lg Broken rock in sampler NO ODOR	
13	43									
14	35									
15	15									
16	7									
17	8						1500		88-1 (10-12.5) NO RETRIEVAL, NO ODOR	PID 180.0
18	15						(3)			
19	12									
20	1									
21	7									
22	31						1515		88-1 (12.5-15.0) NO RETRIEVAL, Pushed rock in front of sampler	
23	36									
24	39									
25	33									
26	31									
27					SP		1530		Dry, NO ODOR, NO STAINING 88-1 (15-17.5), grey brown crushed rock	
28	72									
29	34						(4)			PID 204.0
30	36				GM				Dry, Crushed rock with fines, No odor, NO STAINING	LAB 02N889SB01 MS/MSD
31	31									
32					GM		1600		88-1 (18-20) No change	PID 98.7
33	29						(5)			LAB 02N889SB002
34	27									
35	27									
36	50									
37							1605		88-1 (20-20.5) SAT NO RECOVERY	20.0 1/1
38							(X)			

WELL COMPLETED?

☒ YES ☐ NO

NORTH
↑

Blk 108 19.1

Blk 109 19.2

88-1

site 19

LOCATION SKETCH

SOIL BORING LOG

PROJECT
NO.:

BORING NO.:
88-1

SHEET
2 OF 2

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is

CLIENT USACE - Alaska

GEOLOGIST McLean

DATE 8/14/02

WEATHER

cloudy rain

AK STATE PLANE
COORDINATES

30.1
(Northing) (Easting)

ELEVATION
DATUM

DRILLING METHOD Hollow Stem

BORING SIZE 8 1/4"

HAMMER DROP (IN/LBS)

30/360

RIG TYPE cm 45

DRILLER/COMPANY Discovery

SAMPLES

SAMPLE TYPE

SAMPLER TYPE/DIAMETER

TOTAL DEPTH (FT)

DEPTH TO SWL (FT)

TOP OF HOLE ELEVATION

SOIL DESCRIPTION (ASTM 2488)

WELL COMPLETED?



LOCATION SKETCH

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE	
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL
2.0								
1	20				GM		1610	↑
2	17							
3	28							
4	27							
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

88-1 (20-22.5), silty brown sand, sat. water, D₁₀ 22.5', P₁₀ 18.6



MONTGOMERY WATSON

WELL CONSTRUCTION LOG

PROJECT NO.:

1850574.260120

WELL NO.:

88-1

SHEET

1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Island

CLIENT USACE

GEOLOGIST McLean

DATE 8/14/02

WEATHER Cldy

LOCATION COORDINATES

96392.8914

98080.4499

ELEVATION DATUM

MSL

DRILLING METHOD Hollow-Stem Auger

BORING SIZE

8 1/4"

RIG TYPE

CME 48

DRILLER/COMPANY

Discovery

SURVEYED ELEVATIONS

GROUND SURFACE

82.29

TOP OF PROTECTIVE CASING

82.29

TOP OF PVC CASING

81.89

WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite (lbs) 5140

Sand (lbs) 380

Grout (lbs)

Screen (ft) 10'

Blank Casing (ft) 15'

Bottom Cap (ea) 1

Top Cap (ea) 1

Flush Mount yes

Protective Casing (ft)

Lock 0911

MISC.:

STEEL FLUSH-MOUNTED PROTECTIVE CASING (FT - BGL) SECURED WITH 2-1/2" BOLTS

2" ID locking expansion cap

GROUND SURFACE

PAD TYPE Concrete
DIMENSIONS 2 ft x 2 ft

2" PVC well casing

Silica Sand 0-3

(IN) OD PROTECTIVE CASING

GROUT TYPE

(IN) BOREHOLE 8 1/4"

(IN) OD SCHEDULE 2 PVC CASING WITH FLUSH THREADED JOINTS

TOP OF SEAL (FT - BGL)

TOP OF SAND/GRAVEL PACK (FT - BGL)

TOP SLOTTED CASING (FT - BGL)

(FT) THICK SEAL 2

SEAL TYPE Pure Gold Med.
Bentonite Chips

(FT) ABOVE SLOTTED CASING 2

FILTER PACK TYPE/GRADATION Colorado Silica Sand, 10-40

0.010 (IN) SLOTS CUT INTO (IN) OD TYPE 304 SS

Hydrate grout every 3' yes

WATER LEVEL MEASUREMENTS (ALL MEASUREMENTS IN DEPTH, FT FROM TOP OF PVC CASING)

AFTER CONSTRUCTION 19.2 (FT)

DATE/TIME 8/14/02

AFTER DEVELOPMENT 21.78 (FT)

DATE/TIME 8/15/02 12:30

TOTAL DEPTH CASING (FT - BGL)

TOTAL DEPTH HOLE (FT - BGL)

SOIL BORING LOG

PROJECT
NO.: 18574120

BORING NO.:
88-2

SHEET
1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is. CLIENT USACE - Alaska

GEOLOGIST McLean

DATE 8/4/02

WEATHER Cldy. WINDY

AK STATE PLANE COORDINATES 9655.0726 98257.8812
(Northing) (Easting)

ELEVATION DATUM MSL

DRILLING METHOD HSA

BORING SIZE 8 1/4

HAMMER DROP (IN LBS) 30/360

RIG TYPE CME 45

DRILLER/COMPANY Discovery

SAMPLES 2

SAMPLE TYPE grab

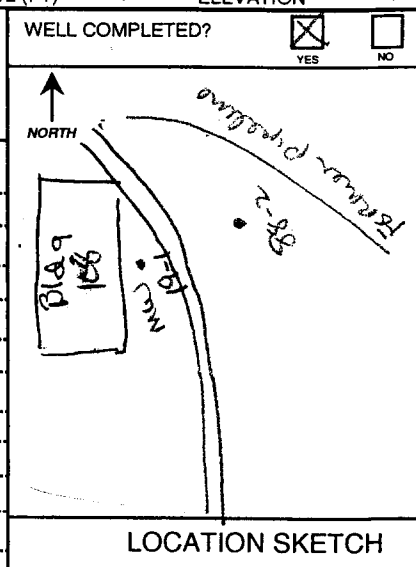
SAMPLER TYPE/DIAMETER 2 1/2" SS

TOTAL DEPTH (FT) 19.5

DEPTH TO SWL (FT) 14.5

TOP OF HOLE ELEVATION 71.18

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE		SOIL DESCRIPTION (ASTM 2488)	WELL COMPLETED? ☒ YES ☐ NO
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL		
0					SP		1620		fill, crushed/broken rock w/ sandy fines	
1										
2										
3	10				SM		1630		28-2 (2.5-5.0) Dark brown sand w/ fine	
4	7								PID = 19.0	
5	6								NO ODOOR, NO STAINING	
6	5				SM		1640		29-2 (5-7.5) No odor	
7	5								PID = 29.2	
8	5								NO ODOOR, NO STAINING	
9	6				SM		1645		38-2 (7.5-10.0) PID = 30.9	
10	7								LAB 02 NE 88 SB 003	
11	8								NO ODOOR NO STAINING	
12	12						1700		38-2 (10-12.5) No odor	
13	20								NO ODOOR NO STAINING	
14							1710		NO ODOOR NO STAINING	
15									NO ODOOR NO STAINING	
16									NO ODOOR NO STAINING	
17									NO ODOOR NO STAINING	
18									NO ODOOR NO STAINING	
19									NO ODOOR NO STAINING	
20									NO ODOOR NO STAINING	
21									NO ODOOR NO STAINING	





MONTGOMERY WATSON

WELL CONSTRUCTION LOG

PROJECT NO.:
1850574.260120WELL NO.:
MW 88-2SHEET
1 OF 1

PROJECT Phase III RI SITE Northeast Cape, St.. Lawrence Island CLIENT USACE GEOLOGIST McLean
 DATE 8/14/02 WEATHER *clay winds* LOCATION COORDINATES 96455.0726 98257.4812 ELEVATION DATUM 175L
 (Northing) (Easting)
 DRILLING METHOD Hollow-Stem Auger BORING SIZE 8 1/4 RIG TYPE CME 45 DRILLER/COMPANY Discovery (MSL/Other)
 SURVEYED ELEVATIONS GROUND SURFACE 71.18 TOP OF PROTECTIVE CASING 71.18 TOP OF PVC CASING 70.88

WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	120
Sand(lbs)	320
Grout(lbs)	—
Screen(ft)	10
Blank Casing(ft)	8
Bottom Cap(ea)	1
Top Cap(ea)	1
Flush Mount	yes
Protective Casing (ft)	—
Lock	1
MISC.:	—

STEEL FLUSH-MOUNTED PROTECTIVE CASING (FT - BGL) SECURED WITH 2-1/2" BOLTS

4" ID locking expansion cap

GROUND SURFACE

PAD TYPE *concrete*
DIMENSIONS 2.5' x 2.5'

2" PVC well casing

Silica Sand 6"

(IN) OD PROTECTIVE CASING

GROUT TYPE

(IN) BOREHOLE 8 1/4

(IN) OD SCHEDULE 40 PVC CASING WITH FLUSH THREADED JOINTS

TOP OF SEAL (FT - BGL)

TOP OF SAND/GRAVEL PACK (FT - BGL)

TOP SLOTTED CASING (FT - BGL)

(FT) THICK SEAL

SEAL TYPE *Pure gold Bentonite chips, medium*

(FT) ABOVE SLOTTED CASING

FILTER PACK TYPE/GRADATION *Colorado Silica Sand 10-40*

0.010

(IN) SLOTS CUT INTO (IN) OD TYPE 304 SS

Hydrate grout every 3'

WATER LEVEL MEASUREMENTS (ALL MEASUREMENTS IN DEPTH, FT FROM TOP OF PVC CASING)

AFTER CONSTRUCTION 12.5 (FT)
DATE/TIME 8-14-02AFTER DEVELOPMENT 9.71 (FT)
DATE/TIME 8/15/02 14:55

TOTAL DEPTH CASING (FT - BGL)

TOTAL DEPTH HOLE (FT - BGL)

NOTES

SOIL BORING LOG

PROJECT NO.: 1850574
260130

BORING NO.: 88-3

SHEET 1 OF

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is.

CLIENT USACE - Alaska

GEOLOGIST O'Connell, McLean

DATE 8/15/02

WEATHER Cloudy Windy 30 kts

AK STATE PLANE COORDINATES

96458.3545 98169.9101
(Northing) (Easting)

ELEVATION DATUM

MSL

DRILLING METHOD Hollow Stem Auger

BORING SIZE 8 1/4"

HAMMER DROP (IN/LBS)

30/360

RIG TYPE CME+5

DRILLER/COMPANY Discovery

SAMPLES 2

SAMPLE TYPE Grab

SAMPLER TYPE/DIAMETER 2" SS

TOTAL DEPTH (FT) 20

DEPTH TO SWL (FT)

15.5

TOP OF HOLE ELEVATION 77.75

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE		SOIL DESCRIPTION (ASTM 2488)	WELL COMPLETED? YES ☒ NO ☐
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL		
0					SP				Fill - Rocks + gravel	LOCATION SKETCH
1										
2										
3										
4	5				SW	1155	↑	No odor - greenish brown angular gravel .5 - 1.5 inches gravel 36%		
5	5									
6	5									
7	5									
8	50					1203	↑	No Recovery - Rock		
9										
10	50					1210	↑	No Recovery - Rock		
11										
12	21					1221	↑	No Recovery - Rock		
13	15									
14	12									
15	16									
16	9				SP	1110	↑	Broken Drive line on Drill-Rig Shut down for the day ← grey sandy - stops broken rock odor		
17	14									
18	23				SP					
19	21									
20	27									
21										

LAB ID 02 NE 88 SB005
LAB ID 02 NE 88 SB006
LAB ID 02 NE 88 SB007
LAB ID 02 NE 88 SB008
LAB ID 02 NE 88 SB009
LAB ID 02 NE 88 SB010
LAB ID 02 NE 88 SB011
LAB ID 02 NE 88 SB012
LAB ID 02 NE 88 SB013
LAB ID 02 NE 88 SB014
LAB ID 02 NE 88 SB015
LAB ID 02 NE 88 SB016
LAB ID 02 NE 88 SB017
LAB ID 02 NE 88 SB018
LAB ID 02 NE 88 SB019
LAB ID 02 NE 88 SB020
LAB ID 02 NE 88 SB021
LAB ID 02 NE 88 SB022
LAB ID 02 NE 88 SB023
LAB ID 02 NE 88 SB024
LAB ID 02 NE 88 SB025
LAB ID 02 NE 88 SB026
LAB ID 02 NE 88 SB027
LAB ID 02 NE 88 SB028
LAB ID 02 NE 88 SB029
LAB ID 02 NE 88 SB030
LAB ID 02 NE 88 SB031
LAB ID 02 NE 88 SB032
LAB ID 02 NE 88 SB033
LAB ID 02 NE 88 SB034
LAB ID 02 NE 88 SB035
LAB ID 02 NE 88 SB036
LAB ID 02 NE 88 SB037
LAB ID 02 NE 88 SB038
LAB ID 02 NE 88 SB039
LAB ID 02 NE 88 SB040
LAB ID 02 NE 88 SB041
LAB ID 02 NE 88 SB042
LAB ID 02 NE 88 SB043
LAB ID 02 NE 88 SB044
LAB ID 02 NE 88 SB045
LAB ID 02 NE 88 SB046
LAB ID 02 NE 88 SB047
LAB ID 02 NE 88 SB048
LAB ID 02 NE 88 SB049
LAB ID 02 NE 88 SB050
LAB ID 02 NE 88 SB051
LAB ID 02 NE 88 SB052
LAB ID 02 NE 88 SB053
LAB ID 02 NE 88 SB054
LAB ID 02 NE 88 SB055
LAB ID 02 NE 88 SB056
LAB ID 02 NE 88 SB057
LAB ID 02 NE 88 SB058
LAB ID 02 NE 88 SB059
LAB ID 02 NE 88 SB060
LAB ID 02 NE 88 SB061
LAB ID 02 NE 88 SB062
LAB ID 02 NE 88 SB063
LAB ID 02 NE 88 SB064
LAB ID 02 NE 88 SB065
LAB ID 02 NE 88 SB066
LAB ID 02 NE 88 SB067
LAB ID 02 NE 88 SB068
LAB ID 02 NE 88 SB069
LAB ID 02 NE 88 SB070
LAB ID 02 NE 88 SB071
LAB ID 02 NE 88 SB072
LAB ID 02 NE 88 SB073
LAB ID 02 NE 88 SB074
LAB ID 02 NE 88 SB075
LAB ID 02 NE 88 SB076
LAB ID 02 NE 88 SB077
LAB ID 02 NE 88 SB078
LAB ID 02 NE 88 SB079
LAB ID 02 NE 88 SB080
LAB ID 02 NE 88 SB081
LAB ID 02 NE 88 SB082
LAB ID 02 NE 88 SB083
LAB ID 02 NE 88 SB084
LAB ID 02 NE 88 SB085
LAB ID 02 NE 88 SB086
LAB ID 02 NE 88 SB087
LAB ID 02 NE 88 SB088
LAB ID 02 NE 88 SB089
LAB ID 02 NE 88 SB090
LAB ID 02 NE 88 SB091
LAB ID 02 NE 88 SB092
LAB ID 02 NE 88 SB093
LAB ID 02 NE 88 SB094
LAB ID 02 NE 88 SB095
LAB ID 02 NE 88 SB096
LAB ID 02 NE 88 SB097
LAB ID 02 NE 88 SB098
LAB ID 02 NE 88 SB099
LAB ID 02 NE 88 SB100

Combined (4) & (5) for LAB sample



MONTGOMERY WATSON

WELL CONSTRUCTION LOG

PROJECT NO.:

1850574.260120

WELL NO.:

88-3

SHEET

1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St.. Lawrence Island

CLIENT USACE

GEOLOGIST

O'Connell
McLean

E 8/17/02

WEATHER

cloudy

LOCATION

COORDINATES

96458.3585
(Northing)98167.9401
(Easting)ELEVATION
DATUM

MSL

DRILLING
METHOD Hollow-Stem AugerBORING
SIZE

8 1/4

RIG
TYPE

CME 45

DRILLER/
COMPANY

Discovery

(MSL/Other)

SURVEYED
ELEVATIONSGROUND
SURFACE

77.75

TOP OF PROTECTIVE
CASING

77.75

TOP OF PVC
CASING

77.35

WELL SAMPLED?

☒

YES

NO

QUANTITY MATERIALS USED:

Bentonite(lbs)

150

Sand(lbs)

330

Grout(lbs)

-

Screen(ft)

10

Blank Casing(ft)

10

Bottom Cap(ea)

1

Top Cap(ea)

1

Flush Mount

1

Protective
Casing (ft)

1

Lock

1

MISC.:

1

NOTES

STEEL FLUSH-MOUNTED
PROTECTIVE CASING (FT -
BGL) SECURED WITH 2-1/2"
BOLTS

4" ID locking expansion cap

GROUND SURFACE

PAD TYPE

Concrete

DIMENSIONS

21x2

2" PVC well casing

Silica Sand 0-3"

(IN) OD PROTECTIVE
CASING

GROUT TYPE

(IN) BOREHOLE

8 1/4

(IN) OD SCHEDULE
CASING WITH FLUSH
THREADED JOINTS

TOP OF SEAL (FT - BGL)

(FT) THICK SEAL

8.0

SEAL TYPE

Pure Gold Med. Bentonite

TOP OF SAND/GRAVEL
PACK (FT - BGL)(FT) ABOVE
SLOTTED CASINGTOP SLOTTED
CASING (FT - BGL)FILTER PACK
TYPE/GRADATIONColorado Silica
sand 10-40

0.010

(IN) SLOTS CUT INTO
(IN) OD TYPE 304 SS

Hydrate grout every 3'

WATER LEVEL MEASUREMENTS (ALL
MEASUREMENTS IN DEPTH, FT FROM
TOP OF PVC CASING)

AFTER CONSTRUCTION

17.5

(FT)

DATE/TIME

8/17/02

AFTER DEVELOPMENT

15.12

(FT)

DATE/TIME

8/18/02 10:50

TOTAL DEPTH
CASING (FT - BGL)

20

TOTAL DEPTH
HOLE (FT - BGL)

20.5

SOIL BORING LOG

PROJECT NO.:
1850574
260120

BORING NO.:
88-5

SHEET
1 OF 2

PROJECT Phase III RI SITE Northeast Cape, St. Lawrence Is. CLIENT USACE - Alaska GEOLOGIST McLean O'Connell

DATE 8/17/02 WEATHER clay WINDY AK STATE PLANE COORDINATES 96216.7210 99292.1088 ELEVATION DATUM MSL

DRILLING METHOD HSP BORING SIZE 8 1/4" HAMMER DROP (IN/LBS) 307360 RIG TYPE CHE45 DRILLER/ COMPANY Discovery

SAMPLES 2 SAMPLE TYPE Grab SAMPLER TYPE/DIAMETER 2" SS TOTAL DEPTH (FT) 16.5 DEPTH TO SWL (FT) 11.0 TOP OF HOLE ELEVATION 68.37

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE		SOIL DESCRIPTION (ASTM 2488)	WELL COMPLETED? ☒ YES ☐ NO
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL		
21	10				SP		2000		Grainy sandy with rounded pebbles No odor	LOCATION SKETCH
22	4								Grainy sandy with rounded pebbles No odor	
23	3								Grainy sandy with rounded pebbles No odor	
24	6								Grainy sandy with rounded pebbles No odor	
25	5				PT		2015		Organic peat some sand Strong odor	
26	11								Organic peat some sand Strong odor	
27	6								Organic peat some sand Strong odor	
28	5				PT		2020		Organic peat grading to gray sand at 4 ft Fine sand	
29	5								Grainy sandy with rounded pebbles No odor	
30	6				SW		2025		Greenish grey, faint odor Fine sand	
31	5								Grainy sandy with rounded pebbles No odor	
32	11				SW		2030		Dark grey, coarse sand, wet - No odor	
33	9								Grainy sandy with rounded pebbles No odor	
34	8								Grainy sandy with rounded pebbles No odor	
35	10								Grainy sandy with rounded pebbles No odor	
36									Grainy sandy with rounded pebbles No odor	
37									Grainy sandy with rounded pebbles No odor	
38									Grainy sandy with rounded pebbles No odor	
39									Grainy sandy with rounded pebbles No odor	
40									Grainy sandy with rounded pebbles No odor	
41									Grainy sandy with rounded pebbles No odor	
42									Grainy sandy with rounded pebbles No odor	

GONE88SB009 1.0-3.0
GONE88SB010 11.0-13.0

Bottom of well

D+ 16



MONTGOMERY WATSON

WELL CONSTRUCTION LOG

PROJECT NO.:
1850574.260120WELL NO.:
88-4SHEET
1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Island

CLIENT USACE

GEOLOGIST

O'Connell
McLean

DATE 8/14/02

WEATHER Partly cloudy

LOCATION

COORDINATES

96331.1320

98365.8078

ELEVATION

DATUM

MSL

DRILLING METHOD Hollow-Stem Auger

BORING SIZE

8-1/4

RIG TYPE

HSA

(Northing)

(Easting)

DRILLER/COMPANY

Discovery

(MSL/Other)

SURVEYED ELEVATIONS

GROUND SURFACE

64.63

TOP OF PROTECTIVE CASING

64.63

TOP OF PVC CASING

68.23

WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	100
Sand(lbs)	430
Grout(lbs)	-
Screen(ft)	10
Blank Casing(ft)	7
Bottom Cap(ea)	1
Top Cap(ea)	1
Flush Mount	
Protective Casing (ft)	
Lock	1
MISC.:	

STEEL FLUSH-MOUNTED PROTECTIVE CASING (FT - BGL) SECURED WITH 2-1/2" BOLTS

4" ID locking expansion cap

GROUND SURFACE

PAD TYPE

DIMENSIONS

Concrete
2 ft x 2

2" PVC well casing

Silica Sand 6"

(IN) OD PROTECTIVE CASING

GROUT TYPE

(IN) OD SCHEDULE 2" PVC CASING WITH FLUSH THREADED JOINTS

(IN) BOREHOLE

8 1/4

TOP OF SEAL (FT - BGL)

(FT) THICK SEAL

4.5

SEAL TYPE

Pure Gold Bentonite Mud
chip

TOP OF SAND/GRAVEL PACK (FT - BGL)

(FT) ABOVE SLOTTED CASING

TOP SLOTTED CASING (FT - BGL)

FILTER PACK TYPE/GRADATION

Colorado Silica
Sand 10-40

0.010 (IN) SLOTS CUT INTO (IN) OD TYPE 304 SS

Hydrate grout every 3'

WATER LEVEL MEASUREMENTS (ALL MEASUREMENTS IN DEPTH, FT FROM TOP OF PVC CASING)

AFTER CONSTRUCTION 12.0 (FT)
DATE/TIMEAFTER DEVELOPMENT 11.20 (FT)
DATE/TIME 8/18/02 12:00

TOTAL DEPTH CASING (FT - BGL)

TOTAL DEPTH HOLE (FT - BGL)

SOIL BORING LOG

PROJECT NO.: 180574
260120

BORING NO.: 88-4

SHEET 1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is.

CLIENT USACE - Alaska

GEOLOGIST O'Connell, Melcan

DATE 8/ /02

WEATHER Pt. cllds

AK STATE PLANE COORDINATES

96331.1320 98365.4078
(Northing) (Easting)

ELEVATION DATUM

MSL

DRILLING METHOD HSA

BORING SIZE 8" K

HAMMER DROP (IN LBS) 30/366

RIG TYPE CME 45

DRILLER/COMPANY Discovery

SAMPLES 2

SAMPLE TYPE grab

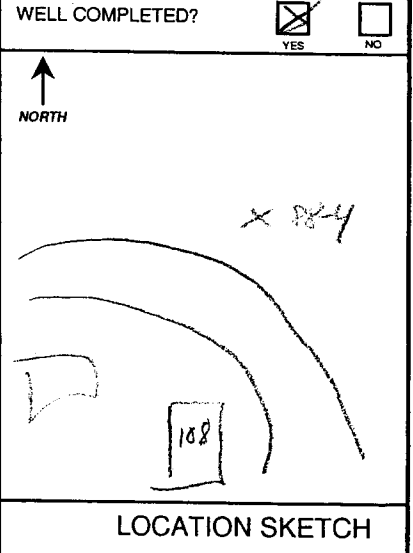
SAMPLER TYPE/DIAMETER 2" SS

TOTAL DEPTH (FT) 17'

DEPTH TO SWL (FT) 15.5

TOP OF HOLE ELEVATION 68.63

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			MAX SIZE (in)	SOIL CLASS	GRAPHIC LOG	SAMPLE		SOIL DESCRIPTION (ASTM 2488)	WELL COMPLETED? YES ☒ NO ☐
		% GRAVEL	% SAND	% FINES				TIME	INTERVAL		
0						SP				Fill - Rocks $\approx 6-10"$ gravel	
1											
2											
3	4					SP		1300	↑	- Brown Moist Slight odor Angular Rocks $\approx 1"$ Some Sand $\approx 20\%$ Fine gravel PID = 236	
4	8										
5	12										
6	6										
7	4					PT		1315	↑	Dark Brown Organic Soil? peat some Sand $< 10\%$ Slight odor PID = 248	
8	6										
9	3										
10	4					PT		1320	↑	Dark Brown Organic Matter on top to Sandy grey with strong odor + visible fragments $\approx 1"$ towards 10-11' Lgs. PID = 289	
11	6										
12	9										
13	10					SM		1330	↑	grey Sandy Soil, Slight odor Rocks $\approx 5-1"$ No organic Matter Sand $\approx 75\%$ PID = 440	
14	12										
15	14					SM		1340	↑	Wet at 13' 6" Wet Sands - strong odor Rocks $\approx 1-2"$ Angular to subangular Grey in color Sand $\approx 75\%$ PID = 424	
16	15									Dry Sands at 15' strong odor	
17										Auger Refusal Bottom of Hole	
18										DT 17 02 NE 88 S 8007 = # 3 1320 9-11 0 02 NE 88 S 8008 = # 4 1330 11-13 0	
19											
20											
21											





MONTGOMERY WATSON

WELL CONSTRUCTION LOG

PROJECT NO.:
1850574.260120WELL NO.:
88-5SHEET
1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St.. Lawrence Island

CLIENT USACE

GEOLOGIST

O'Connell
McLean

DATE 8/17/02

WEATHER

clouds, Rain Wind

LOCATION

COORDINATES 96216.7210

98292.1098

ELEVATION
DATUM

MSL

DRILLING
METHOD Hollow-Stem AugerBORING
SIZE

8 1/4

RIG
TYPE

HSA

DRILLER/
COMPANY

Discovery

(MSU/Other)

SURVEYED
ELEVATIONSGROUND
SURFACE

68.37

TOP OF PROTECTIVE
CASING

68.37

TOP OF PVC
CASING

67.87

WELL SAMPLED?



YES NO

QUANTITY MATERIALS USED:

Bentonite(lbs)

100

Sand(lbs)

300

Grout(lbs)

-

Screen(ft)

10

Blank Casing(ft)

6

Bottom Cap(ea)

1

Top Cap(ea)

1

Flush Mount

yes

Protective
Casing (ft)

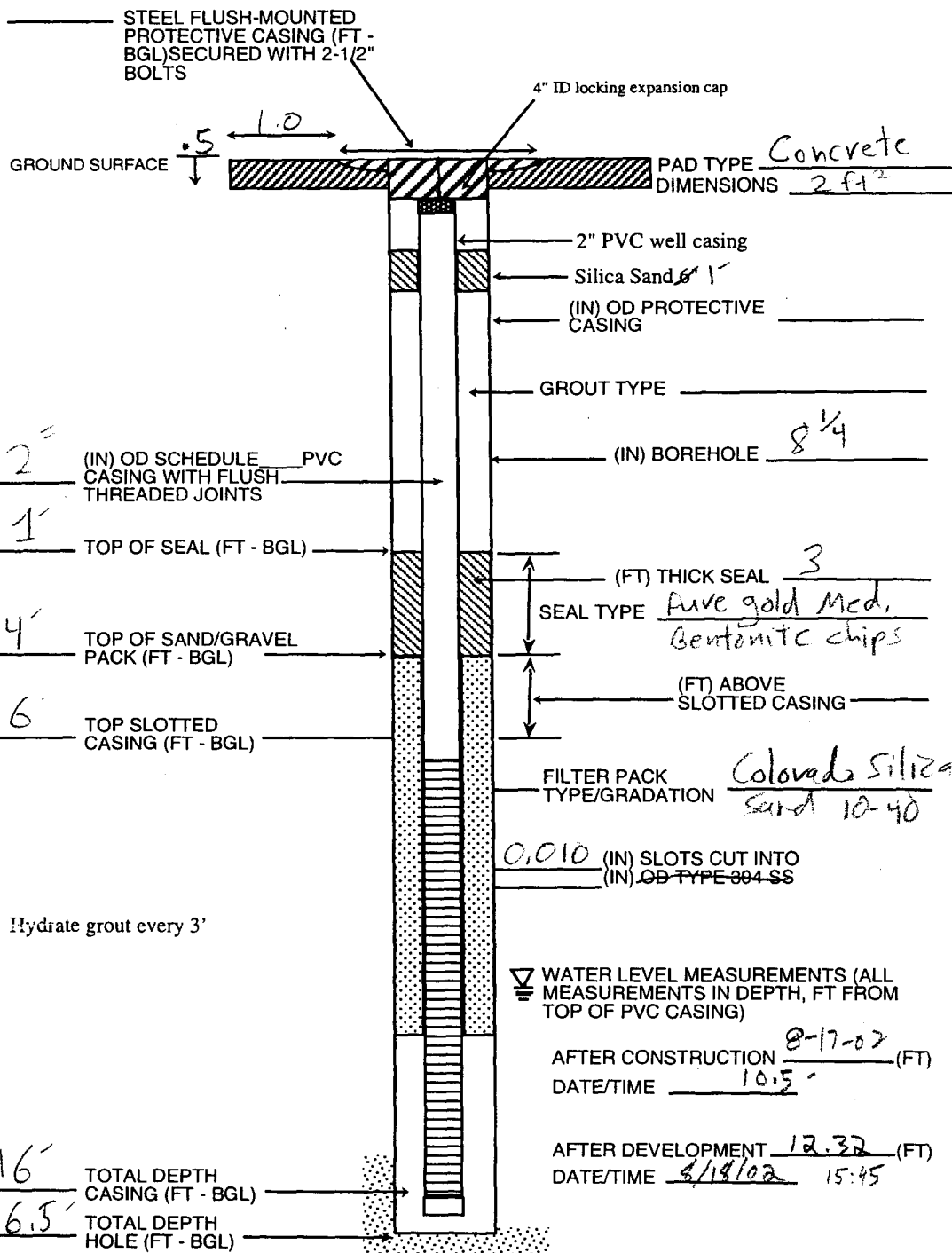
0

Lock

1

MISC.:

NOTES



SOIL BORING LOG

PROJECT NO.: 1850574
260120

BORING NO.: MW 88-6

SHEET 1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is.

CLIENT USACE - Alaska

GEOLOGIST O'Connell, McLean

DATE 8/18/02

WEATHER Partly cldy

AK STATE PLANE COORDINATES

96140.1494 99271.8042
(Northing) (Easting)

ELEVATION DATUM

MSL

DRILLING METHOD HSA

BORING SIZE 8 1/4

HAMMER DROP (IN/LBS) 30-360

RIG TYPE CME 45

DRILLER/COMPANY Discovery

SAMPLES

SAMPLE TYPE Grab

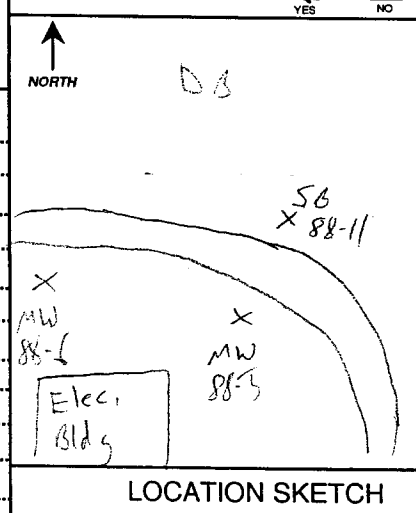
SAMPLER TYPE/DIAMETER 2" SS

TOTAL DEPTH (FT) 15.5

DEPTH TO SWL (FT) 10.85

TOP OF HOLE ELEVATION 69.13

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			MAX SIZE (IN.)	SOIL CLASS	GRAPHIC LOG	SAMPLE		SOIL DESCRIPTION (ASTM 2488)	WELL COMPLETED? ☒ YES ☐ NO
		% GRAVEL	% SAND	% FINES				TIME	INTERVAL		
0						SP				Fill - Rocky angular 3"-5"	
1											
2											
3	4					SM		1130	↑	No odor greyish brown silt with fine sand	
4	5										
5	16							1140	↑	-Geo-tech Sample 4-6 LAB# 02 NE 88SB 41 No odor - Greyish brown silt with fine sand	
6	6					SM					
7	4										
8	3					SP		1145	↑	-strong odor Sands & gravels unconsolidated	
9	8					SM		1150	↑	Moist, dense silt & fine sand Grey, No odor	
10	8										
11	11							1155	↑	Sand & gravel, greyish brown, moist, unconsolidated strong odor	
12	11					SP					
13	7									H ₂ O = 10.85 8-18-02 @ 14.20	
14											
15										bottom	
16										DT 15.5	
17											
18											
19											
20											
21											



SOIL BORING LOG

PROJECT NO.: 1850572
260120

BORING NO.: MW 88-7

SHEET 1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is.

CLIENT USACE - Alaska

GEOLOGIST J. C. McLean

DATE 8/18/02

WEATHER Partly Cloudy

AK STATE PLANE COORDINATES

96033.1581 (Northing)

98271.2457 (Easting)

ELEVATION DATUM

MSL

DRILLING METHOD HSA

BORING SIZE 8 1/4

HAMMER DROP (IN LBS)

30/360

RIG TYPE CME 45

DRILLER/COMPANY Discovery

SAMPLES 2

SAMPLE TYPE Grab

SAMPLER TYPE/DIAMETER 2" SS

TOTAL DEPTH (FT) 19.5

DEPTH TO SWL (FT) 14.5

TOP OF HOLE ELEVATION 72.83

DEPTH (FEET)	GRAIN SIZE				SOIL CLASS	GRAPHIC LOG	SAMPLE	
	BLOWS (6 IN.)	% GRAVEL	% SAND	% FINES			TIME	INTERVAL
0					SP			
1								
2								
3	19				SP		1320	↑
4	52							
5	X				SW		1330	↑
6	8							
7	6							
8	9							
9	13				SP		1335	↑
10	19							
11	17							
12	10							
13	9				SP		1342	↑
14	11							
15	11							
16	10							
17	9				SP		1350	↑
18	6							
19	5							
20	14							
21	7				SM		1355	↑
22	5							
23	6							
24	7							

SOIL DESCRIPTION (ASTM 2488)

Fill - Crushed Rock + Sand

Crushed Rock + sand

No odor, Dry PID = 600

Brown Sand No odor

PID = 332

odor, crushed rock + sand, brown-grey

PID = 1695 CORNEXSSB014

Grey - Crushed Rock + sand

odor

PID = 400

Grey sand + Gravel

odor

PID = 624

CORNEXSSB014

Moist Grey sand + Sil +

odor

PID = 477

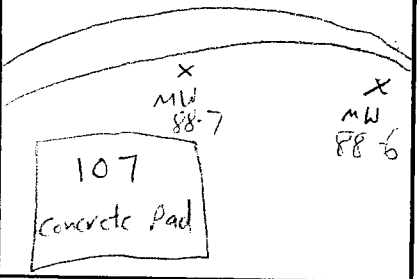
Bottom

DT 19.0'

WELL COMPLETED? ☒ YES ☐ NO

NORTH

Site 16



LOCATION SKETCH

MONTGOMERY WATSON
AECOM, INC.

WELL CONSTRUCTION LOG

PROJECT NO.:
1850574.260120WELL NO.:
88-6SHEET
1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Island

CLIENT USACE

GEOLOGIST

O'Connell
McLean

DATE 8/18/02

WEATHER

Partly Cloudy

LOCATION
COORDINATES96140.1494
(Northing)98271.8042
(Easting)ELEVATION
DATUM

MSL

DRILLING
METHOD Hollow-Stem AugerBORING
SIZERIG
TYPE

CME 45

DRILLER/
COMPANY

Discovery

(MSL/Other)

SURVEYED
ELEVATIONSGROUND
SURFACE

69.13

TOP OF PROTECTIVE
CASING

69.13

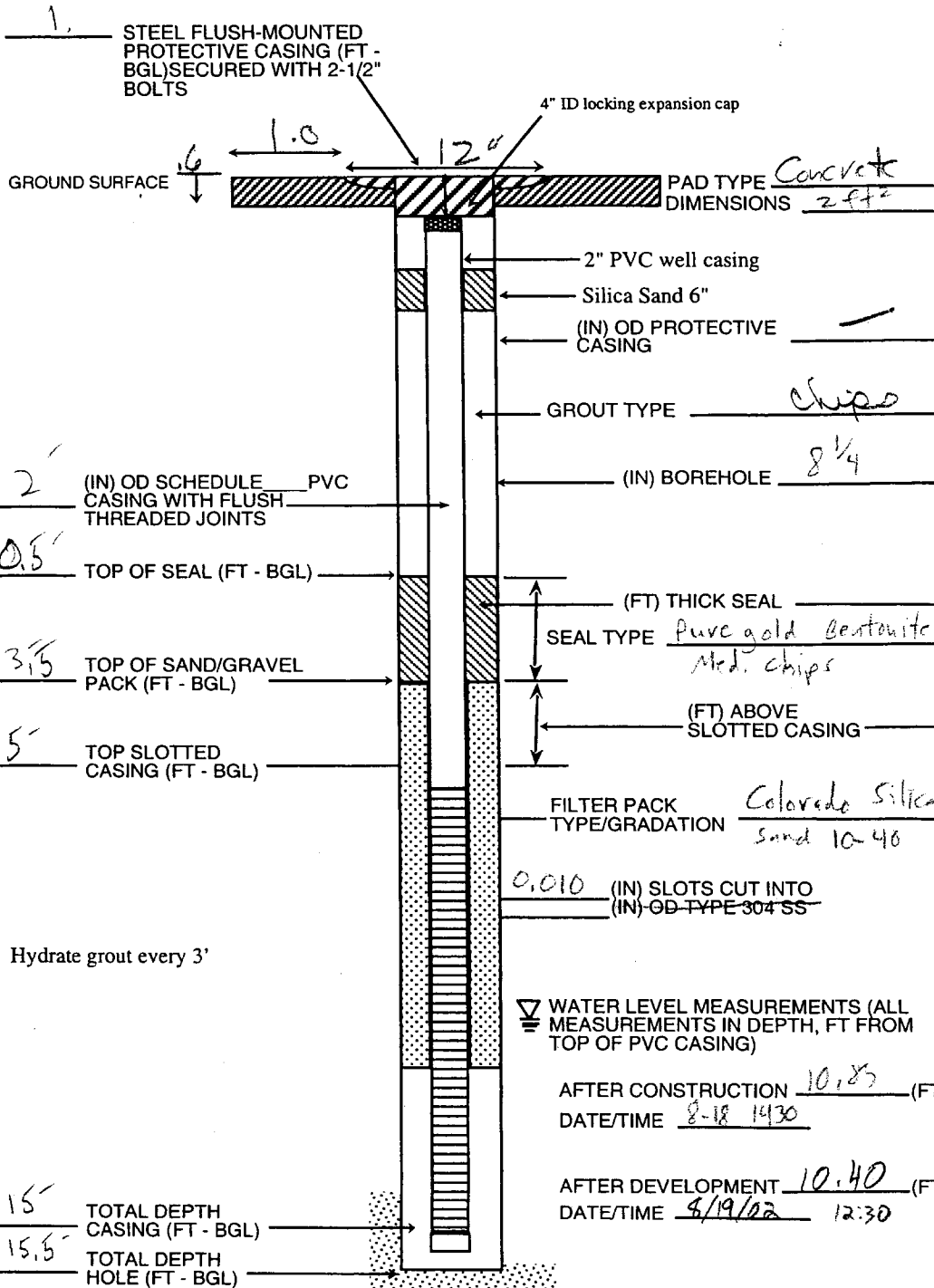
TOP OF PVC
CASING

68.83

WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	100
Sand(lbs)	350
Grout(lbs)	1
Screen(ft)	10
Blank Casing(ft)	5.0
Bottom Cap(ea)	1
Top Cap(ea)	1
Flush Mount	1
Protective Casing (ft)	1
Lock	1
MISC.:	



NOTES



MONTGOMERY WATSON

WELL CONSTRUCTION LOG

PROJECT NO.:
1850574.260120WELL NO.:
88-7SHEET
1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St.. Lawerence Island

CLIENT USACE

GEOLOGIST

McConnell
McBean

DATE 8/18/02

WEATHER

Partly cloudy

LOCATION

COORDINATES 96033.1581

98271.2457

ELEVATION

DATUM

MSL

DRILLING METHOD Hollow-Stem Auger

BORING SIZE

8 1/4

RIG TYPE

HSA

DRILLER/COMPANY

Discovery

(MSL/Other)

SURVEYED ELEVATIONS

GROUND SURFACE

72.83

TOP OF PROTECTIVE CASING

72.83

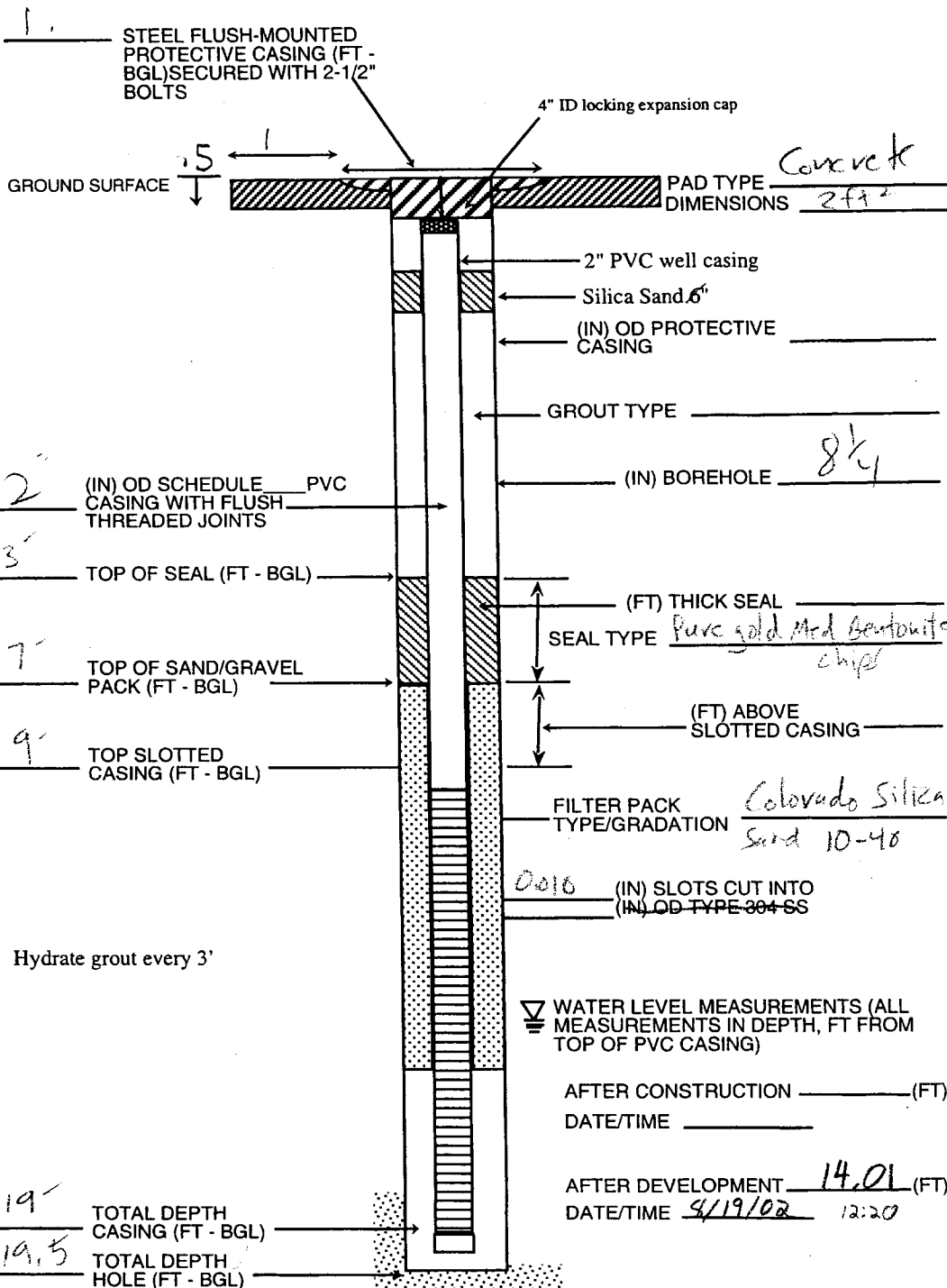
TOP OF PVC CASING

72.33

WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	160
Sand(lbs)	400
Grout(lbs)	1
Screen(ft)	10
Blank Casing(ft)	9
Bottom Cap(ea)	1
Top Cap(ea)	1
Flush Mount	1
Protective Casing (ft)	
Lock	1
MISC.:	



NOTES

SOIL BORING LOG

PROJECT NO.: 1850574-260120

BORING NO.: 88-8

SHEET 1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is.

CLIENT USACE - Alaska

GEOLOGIST O'Connell-Melcan

DATE 8/18/02

WEATHER Partly Cloudy

AK STATE PLANE COORDINATES

96083.4849 (Northing)

98185.9420 (Easting)

ELEVATION DATUM

MSL

DRILLING METHOD HSA

BORING SIZE 8 1/4

HAMMER DROP (IN LBS)

30/360

RIG TYPE CME4S

DRILLER/COMPANY Discovery

SAMPLES

SAMPLE TYPE GRAB

SAMPLER TYPE/DIAMETER 2" HSA

TOTAL DEPTH (FT) 20.5

DEPTH TO SWL (FT) 15.5

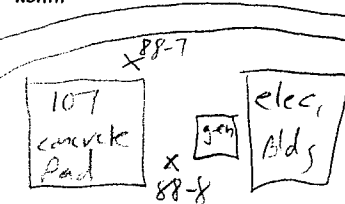
TOP OF HOLE ELEVATION 73.76

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE	
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL
0					SP		1620	
1								
2								
3								
4	17				SP		1640	
5	15							
6	20							
7	22				SP		1648	
8	22							
9	37							
10	19							
11	11							
12	15				SP		1653	
13	21							
14	14							
15	12							
16	12				SP		1700	
17	11							
18	13							
19	9							
20	12				SP		1712	
21	10							
22	11							
23	9							
24	10				SM		1718	
25	9							
26	8							
27	8							
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52								
53								
54								
55								
56								
57								
58								
59								
60								
61								
62								
63								
64								
65								
66								
67								
68								
69								
70								
71								
72								
73								
74								
75								
76								
77								
78								
79								
80								
81								
82								
83								
84								
85								
86								
87								
88								
89								
90								
91								
92								
93								
94								
95								
96								
97								
98								
99								
100								

SOIL DESCRIPTION (ASTM 2488)

WELL COMPLETED? ☒ YES ☐ NO

NORTH



LOCATION SKETCH

Fill crushed rock
Angular 3" =

No odor crushed rock fill + sand
w/consolidated PFD =

odor - crushed rock PFD =
unconsolidated

odor, Dark staining in crushed rock + sand, grey
unconsolidated
PFD =

odor, crushed rock + sand grey, unconsolidated
ORNE88SBO15 PFD = 1248*

Strong odor, crushed rock + sand, unconsolidated
PFD =

Grey sand wet, strong odor

ORNE88SBO16 MS/MSD PFD = >10,000*

* PFD Cal w/ memory

bottom DT 20.0

MONTGOMERY WATSON
Average, Alaska

WELL CONSTRUCTION LOG

PROJECT NO.:

1850574.260120

WELL NO.:

88-8

SHEET

1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Island

CLIENT USACE

GEOLOGIST

McLean

DATE 8/19/02

WEATHER

Partly cloudy

LOCATION

COORDINATES

96043.449

98185.9420

ELEVATION

DATUM

145L

DRILLING METHOD Hollow-Stem Auger

BORING SIZE

8 1/4

RIG TYPE

HSA

(Northing)

(Easting)

DRILLER/COMPANY

Discovery

(MSL/Other)

SURVEYED ELEVATIONS

GROUND SURFACE

73.76

TOP OF PROTECTIVE CASING

73.76

TOP OF PVC CASING

73.46

WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite(lbs)

160

Sand(lbs)

400

Grout(lbs)

/

Screen(ft)

10

Blank Casing(ft)

10

Bottom Cap(ea)

1

Top Cap(ea)

1

Flush Mount

1

Protective Casing (ft)

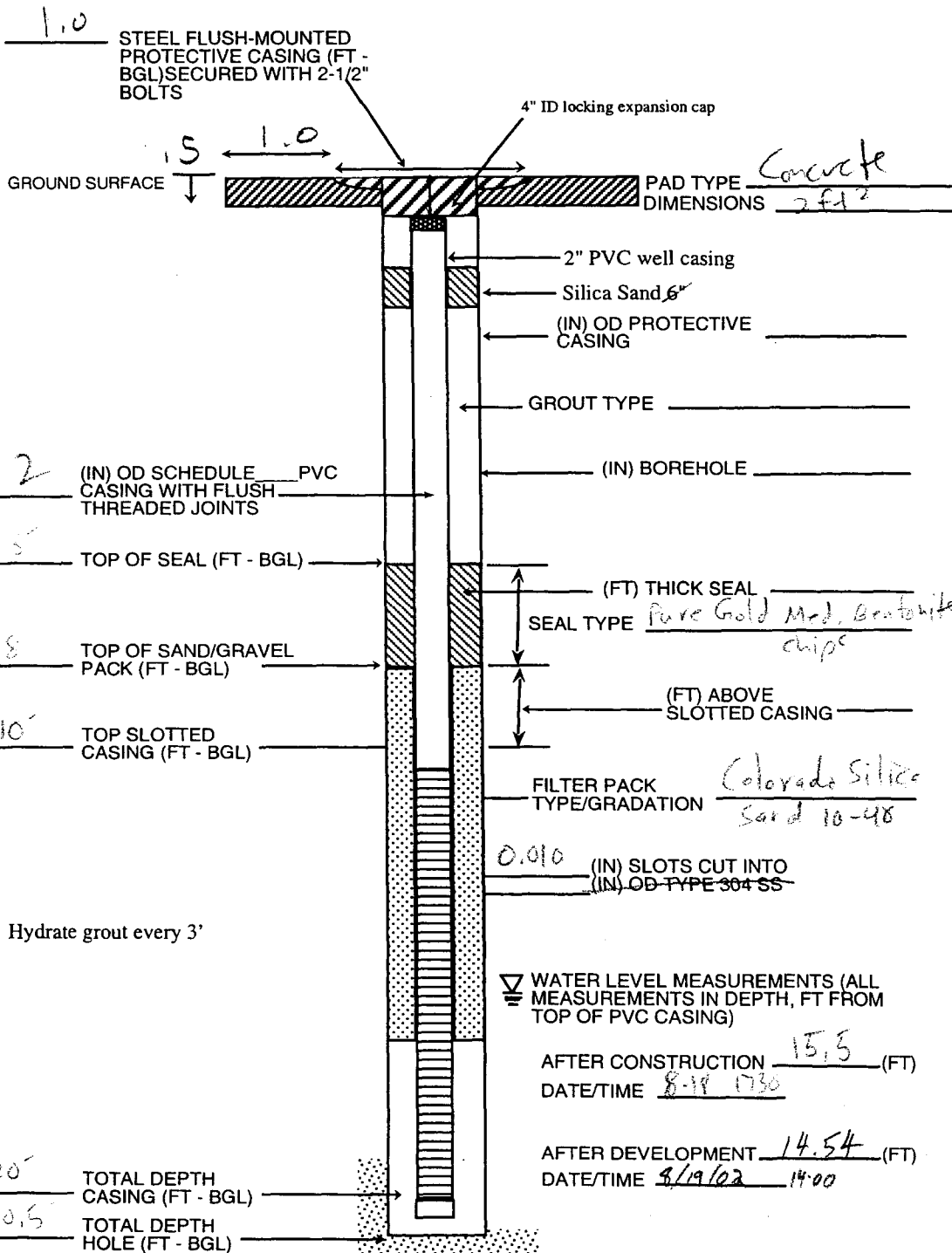
1

Lock

1

MISC.:

NOTES



SOIL BORING LOG

PROJECT NO.:

BORING NO.:

SHEET

88-9

12 OF 11

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is.

CLIENT USACE - Alaska

GEOLOGIST McLean, Kenna

DATE 8/19/02

WEATHER cloudy

AK STATE PLANE
COORDINATES

96154.1887 99044.5023
(Northing) (Easting)

ELEVATION
DATUM

145L

DRILLING
METHOD HSA

BORING
SIZE 8 1/4

HAMMER
DROP (IN/LBS)

30/360

RIG TYPE CME 45

DRILLER/
COMPANY Discovery

SAMPLES

SAMPLE
TYPE Grab

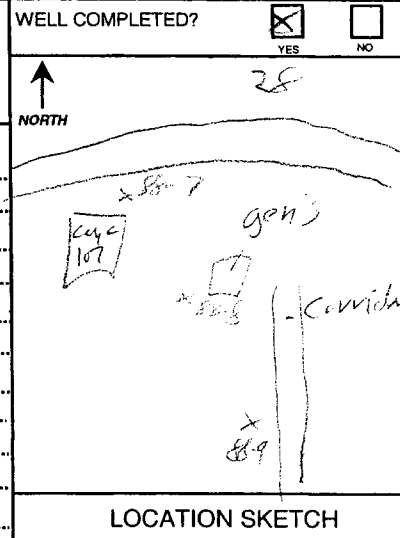
SAMPLER
TYPE/DIAMETER 2" SS

TOTAL
DEPTH (FT) 25

DEPTH TO
SWL (FT) 20.0

TOP OF HOLE
ELEVATION 81.79

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE		SOIL DESCRIPTION (ASTM 2488)	WELL COMPLETED? ☒ YES ☐ NO
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL		
#1					SP				Fill - brown silty crushed rock Angular 3-5" d.	
#2										
#3										
#4	27				SP		1255	11	Dry crushed rock, no odor/staining	
#5	22								PID =	
#6	24				SP		1305	11	Crushed Rock, Dry No odor/staining	
#7	24								PID =	
#8	17				SP		1310	11	Crushed Rock + Sand No odor/stain	
#9	14								ONE 88SB017 m/s/m/d PID = 2876*	
#10	10									
#11	8				SP		1315	11	Crushed Rock + Sand No odor/stain	
#12	7								PID =	
#13	4								- Geotech 11-13 ONE 88SB042	
#14	5								No Recovery 12-14 - Rock in cap	
#15	7									
#16	16						1325	11	No Recovery, No odor/stain	
#17	36								Rock in cap	
#18	19									
#19	12									
#20	12						1330	11	- Moist slough on top of dry crushed rock	
#21	8				SP		1340	11	- No Recovery thin parched layer? thinned?	
#22	6									
#23	8									
#24	5									
#25	16									
#26	14									
#27	13									
#28	11				SP		1350	11	Crushed Rock + Sand No odor/stain	
#29	10								PID =	
#30	9									
#31	7									
#32	7									
#33	7						1355	11	- Moist Sand + crushed rock	
#34	17								ONE 88SB018 PID =	
#35	14									
#36	18								Continued Next Page	





MONTGOMERY WATSON

WELL CONSTRUCTION LOG

PROJECT NO.:
1850574.260120WELL NO.:
88-9SHEET
1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Island

CLIENT USACE

GEOLOGIST McLean

DATE 8/19/02

WEATHER Cloudy

LOCATION
COORDINATES 96154.1887 98044.5023ELEVATION
DATUM MSLDRILLING
METHOD Hollow-Stem AugerBORING
SIZE 8 1/4RIG
TYPE HSA

(Northing)

(Easting)

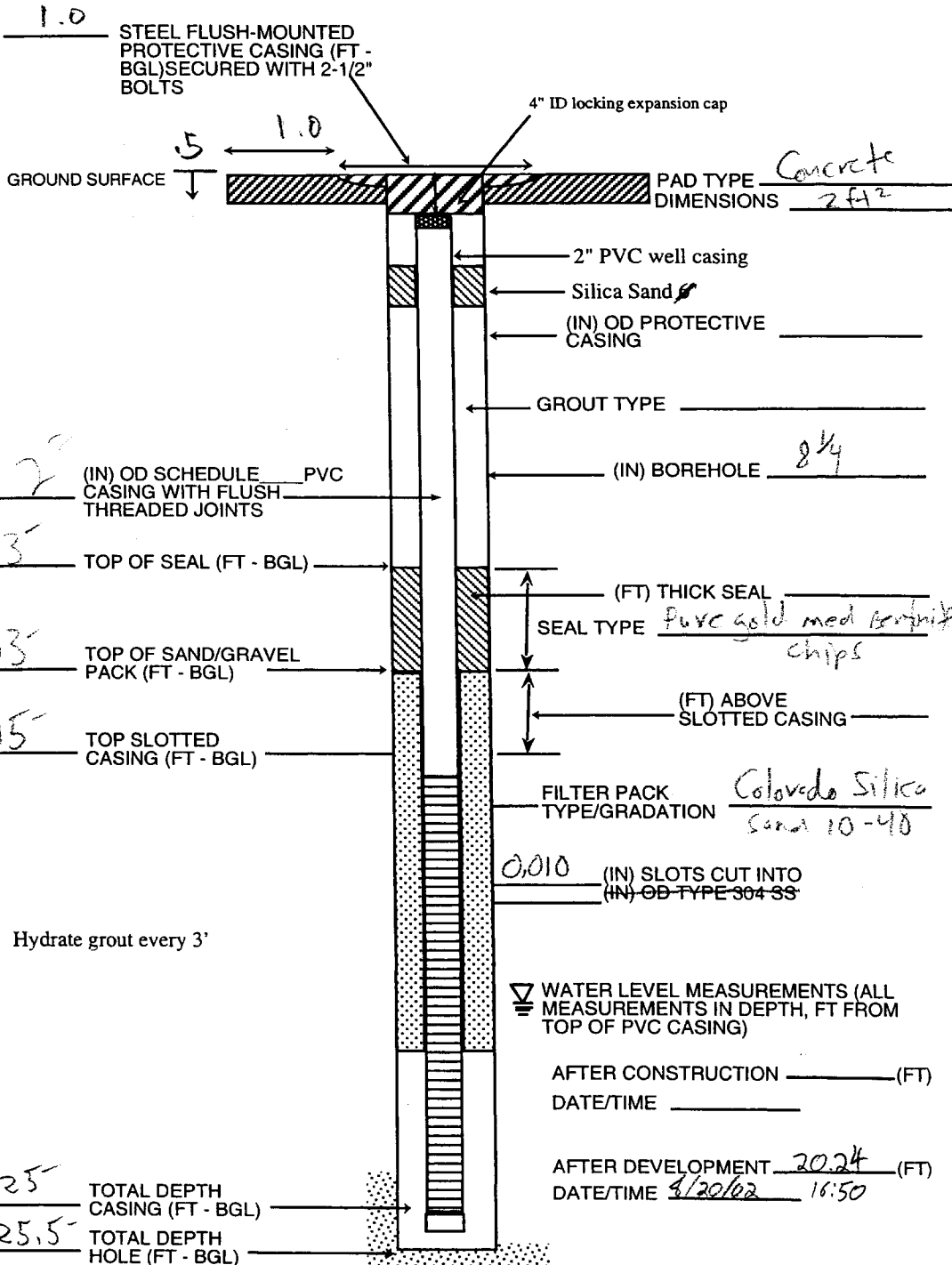
DRILLER/
COMPANY Discovery

(MSL/Other)

SURVEYED
ELEVATIONSGROUND
SURFACE 41.79TOP OF PROTECTIVE
CASING 41.79TOP OF PVC
CASING 80.99WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite(lbs)	250
Sand(lbs)	450
Grout(lbs)	—
Screen(ft)	10
Blank Casing(ft)	15
Bottom Cap(ea)	1
Top Cap(ea)	1
Flush Mount	1
Protective Casing (ft)	—
Lock	1
MISC.:	—



NOTES

SOIL BORING LOG

PROJECT NO.:
180574.260120

BORING NO.:
88-10

SHEET
2 OF 2

PROJECT Phase III RI SITE Northeast Cape, St. Lawrence Is. CLIENT USACE - Alaska GEOLOGIST Nelson O'Connell

DATE 8/19/02 WEATHER Cloudy AK STATE PLANE COORDINATES 96293.0099 97970.2989 ELEVATION DATUM MSL

DRILLING METHOD HSA BORING SIZE 8 1/4 HAMMER DROP (IN/LBS) 30/360 RIG TYPE CME 25 DRILLER/COMPANY Discovery

SAMPLES SAMPLE TYPE Grab SAMPLER TYPE/DIAMETER 2" SS TOTAL DEPTH (FT) 27.5 DEPTH TO SWL (FT) 25.0 TOP OF HOLE ELEVATION 86.86

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE		SOIL DESCRIPTION (ASTM 2488)	WELL COMPLETED?	
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL		YES	NO
1					SP		1535		Fill Rock & Gravel		
2											
3											
4	19				SP		1550		Crushed Rock + Sand, No odor/stain Greasy Brown		
5	17										
6	12										
7	14										
8	18				SP		1600		Crushed Rock + Sand, No odor/stain Greasy Brown		
9	17										
10	16										
11	16										
12	12				SP		1610		Crushed Rock + Sand, No odor/stain Greasy Brown		
13	12										
14	10										
15	12										
16	11				SP		1615		Crushed Rock + Sand, No odor/stain Greasy Brown		
17	11										
18	8										
19	8										
20	9				SM		1620		Moist, Fine Sand with some iron staining, No odor/ loose @ 13", Dense @ 14" Dense layer = Greasy with iron filings		
21	9										
22	8										
23	8										
24	8				SM		1625		Moist @ 15" Dry @ 16" Greasy Brown Fine Sand, dense with crushed rock @ 16" No odor		
25	8										
26	15										
27	11						1630		No Retrieval - Rock		
28	10										
29	12										
30	10										
31	16						1640		Spoon Refused @ 18.5" No Recovery - Rock		
32	50										
33	X										
34	X										
35	X										
36	11						1650		No Retrieval, odor on end of spoon mud on end of spoon, water level meter has no readings		
37	9										
38	10										
39	10										
40											
41											
42											

NORTH

88-1

88-10

LOCATION SKETCH

Continued on next page

MONTGOMERY WATSON
Engineering, Inc.

WELL CONSTRUCTION LOG

PROJECT NO.:

1850574.260120

WELL NO.:

88-10

SHEET

1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St.. Lawernce Island

CLIENT USACE

GEOLOGIST

J. Connell
McLean

DATE 8/19/02

WEATHER Partly cloudy

LOCATION

COORDINATES 96293.0299

97970.2989

ELEVATION

DATUM 145L

DRILLING METHOD Hollow-Stem Auger

BORING SIZE

8 1/4"

RIG TYPE

HSA

DRILLER/COMPANY

Discovery

(MSL/Other)

SURVEYED ELEVATIONS

GROUND SURFACE

86.86

TOP OF PROTECTIVE CASING

86.86

TOP OF PVC CASING

86.46

WELL SAMPLED? ☒ YES ☐ NO

QUANTITY MATERIALS USED:

Bentonite(lbs)

200

Sand(lbs)

400

Grout(lbs)

1

Screen(ft)

10

Blank Casing(ft)

7

Bottom Cap(ea)

1

Top Cap(ea)

1

Flush Mount

1

Protective Casing (ft)

1

Lock

1

MISC.:

NOTES

1.0 STEEL FLUSH-MOUNTED PROTECTIVE CASING (FT - BGL) SECURED WITH 2-1/2" BOLTS

4" ID locking expansion cap

GROUND SURFACE

.5

1.0

PAD TYPE

Concrete

DIMENSIONS

2ft x 2

2" PVC well casing

Silica Sand 6"

(IN) OD PROTECTIVE CASING

GROUT TYPE

(IN) OD SCHEDULE PVC CASING WITH FLUSH THREADED JOINTS

(IN) BOREHOLE

8 1/4"

TOP OF SEAL (FT - BGL)

(FT) THICK SEAL

SEAL TYPE Pure gold med. Bentonite chips

TOP OF SAND/GRAVEL PACK (FT - BGL)

(FT) ABOVE SLOTTED CASING

TOP SLOTTED CASING (FT - BGL)

FILTER PACK TYPE/GRADATION

Colorado Silica sand

0.010 (IN) SLOTS CUT INTO (IN) OD TYPE-304 SS

Hydrate grout every 3'

WATER LEVEL MEASUREMENTS (ALL MEASUREMENTS IN DEPTH, FT FROM TOP OF PVC CASING)

AFTER CONSTRUCTION (FT)

DATE/TIME

AFTER DEVELOPMENT 24.29 (FT)

DATE/TIME 8/20/02 18:00

TOTAL DEPTH CASING (FT - BGL)

TOTAL DEPTH HOLE (FT - BGL)

SOIL BORING LOG

PROJECT
NO.: 18574.260126

BORING NO.: 88-11

SHEET
1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is

CLIENT USACE - Alaska

GEOLOGIST G. Carr / H. McLean

DATE 8/17/02

WEATHER cloudy, winds

AK STATE PLANE
COORDINATES

96241.8412

98320.2355

ELEVATION
DATUM

MSL

DRILLING
METHOD HSA

BORING
SIZE 8 1/4

HAMMER
DROP (IN LBS) 30/360

RIG TYPE CME 15

DRILLER/
COMPANY Discovery

SAMPLES 2

SAMPLE
TYPE Grab

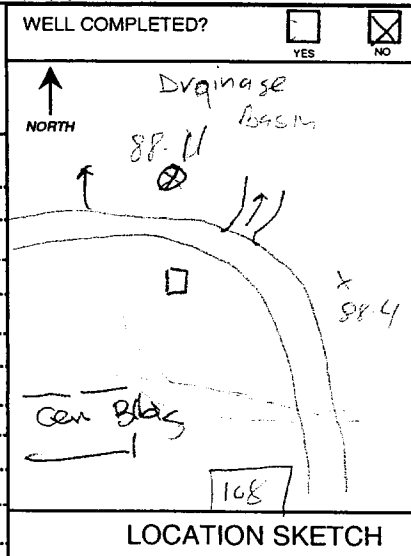
SAMPLER
TYPE/DIAMETER 2" SS

TOTAL
DEPTH (FT) 14'

DEPTH TO
SWL (FT) Frozen

TOP OF HOLE
ELEVATION 66.84

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE		SOIL DESCRIPTION (ASTM 2488)	WELL COMPLETED? ☐ YES ☒ NO
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL		
0							1600		Fill - Rock & Gravel	
1					SP					
2										
3	4				PT		1820	↑	Peat - Frozen, Very hard Dark Brown Slight odor, PID =	
4	6								ONE 88SB021	
5	4				PT		1830	↑	Frozen Peat Slight odor PID =	
6	9								Ice x-stals in spoon	
7	10									
8	24						1840	↑	No Retrieval Rock? PID =	
9	21				SM		1850	↓	ONE 88SB022 grey, fine grained, sandy, Frozen with ice x-stals PID =	
10	15									
11	21				SM		1905	↑	greyish-brown Frozen with ice x-stals PID =	
12	18									
13	15				SM				Frozen with ice x-stals PID =	
14	11								Bottom SB 88-11	
15									DT #10	
16										
17										
18										
19										
20										
21										



SOIL BORING LOG

PROJECT
NO.: 18574.260

BORING NO.:
SB 88-12

SHEET
1 OF

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is

CLIENT USACE - Alaska

GEOLOGIST O'Connell, McLean

DATE 8/30/02

WEATHER Partly cloudy

AK STATE PLANE
COORDINATES

96398.0750

98329.4776

ELEVATION
DATUM

MSL

DRIILLING
METHOD

HS4

BORING
SIZE

8 1/4

HAMMER
DROP (IN LBS)

30/366

RIG TYPE CHE45

DRILLER/
COMPANY

Discovery

SAMPLES

2

SAMPLE
TYPE

GMB

SAMPLER
TYPE/DIAMETER

2.55

TOTAL
DEPTH (FT)

14.0

DEPTH TO
SWL (FT)

13.0

TOP OF HOLE
ELEVATION

69.71

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE	
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL

SOIL DESCRIPTION (ASTM 2488)

WELL COMPLETED? ☐ YES ☒ NO

NORTH

Site 28

X
MW
88-2

SB 88-12
X

X
MW
88-1

LOCATION SKETCH

0					SP		1235	Fill - Large rocks 5"-7" + gravel
1								
2	5				SM		1245	Crushed Rock - Brown/gray fine sand No odor / some iron staining PID = 65.0
3	4				PT			Peat @ 4" - with organics
4	6				SM		1250	Brown = No odor / stain in hole Gray = Very fine, dense sand/silt Brown = Peat w/ organics
5	7				PT			Gray =
6	10				SM		1255	No odor / stain FROZEN Very fine, dense sand/silt Gray solid 2' core PID = 89.0
7	11							
8	12				SM		1266	Solid Gray, Frozen @ 8'-9' No odor, stain PID = 65.0
9	14				SP			Crushed rock coarse sand @ 10' unfrozen
10	15				SP		1305	Crushed Rock + coarse sand No odor / stain PID = 53.0
11	17							Moist @ 12' Gray sand + crushed rock
12	7						1310	No Recovery - Rock
13	10							
14	8							Filled w/ bentonite Frozen from 6'-9'

Sample 02NE88SB 23 = #2 4.6, 0.1
24 = #5 10.6 - 12.0

18577-260120

SOIL BORING LOG

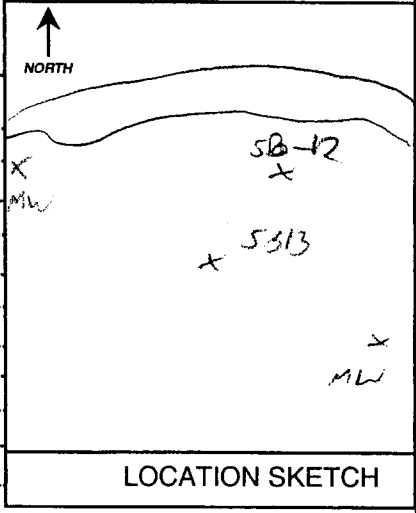
PROJECT
NO.: SB 88-13

BORING NO.:
88-13

SHEET
1 OF

PROJECT Phase III R1 SITE Northeast Cape, St. Lawrence Is CLIENT USACE - Alaska GEOLOGIST O'Connell, McLean
DATE 8/20/02 WEATHER Partly Cloudy AK STATE PLANE COORDINATES 96341.182 98303.255 ELEVATION DATUM MSL
DRILLING METHOD HSA BORING SIZE 8 1/4 HAMMER DROP (IN/LBS) 30/360 RIG TYPE CHE45 DRILLER/COMPANY Discovery
SAMPLES 2 SAMPLE TYPE Gms SAMPLER TYPE/DIAMETER 2" SS TOTAL DEPTH (FT) 16' DEPTH TO SWL (FT) Frozen TOP OF HOLE ELEVATION 69.51

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE		SOIL DESCRIPTION (ASTM 2488)	WELL COMPLETED? ☐ YES ☒ NO
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL		
0										
1										
2	7				SP		1405	↑	Crushed rock + sand - odor No samples	
3	11								PID = 79.9	
4	2				PT				Peat @ 4 FT with organics	
5	12				SM		1410	↑	Peat Ends Frozen dense grey w/ odor	
6	10								PID = 35.7	
7	5				SM		1415	↑	Frozen dense grey - odor	
8	4				PT				PID = 15.3	
9	9				SM		1420	↑	Uneven Peat @ 7 - odor	
10	3									
11	7				SM		1425	↑	Fine grey Frozen silt/No odor	
12	7								No odor	
13	7				SM		1430	↑	Frozen @ 18 Frozen Solid No odor Fine grey silt/sand	
14	3								PID = 51.0	
15	7				SM		1435	↑	Frozen with ice No odor Fine grey sand/silt	
16	7								PID = 91.0	
17	7				SM		1440	↑	Frozen Fine grey sand/silt - PID = 11.2	
18	7								No odor	
19	7				SM				PID = 16.0	
20									End of Boring	
21										



Sample 02NE88SB25 = #3 6.0-8.0
26 - 47 14.0-16.0

SOIL BORING LOG

PROJECT
NO.: 18574.264120

BORING NO.: 88-14

SHEET
1 OF 1

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is

CLIENT USACE - Alaska

GEOLOGIST O'Connell - Melan

DATE 8/29/02

WEATHER Partly cloudy

AK STATE PLANE
COORDINATES

96251.2105
(Northing)

98292.8032
(Easting)

ELEVATION
DATUM

MSL

DILLING
METHOD HSA

BORING
SIZE 8K4

HAMMER
DROP (IN/LBS) 30-360

RIG TYPE CME 45

DRILLER/
COMPANY Discovery

SAMPLES 2

SAMPLE
TYPE Arab

SAMPLER
TYPE/DIAMETER 2-SS

TOTAL
DEPTH (FT) 14'

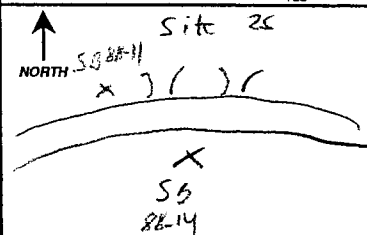
DEPTH TO
SWL (FT) 14.0

TOP OF HOLE
ELEVATION (7.1)

DEPTH (FEET)	BLOWS (6 IN.)	% GRAVEL	% SAND	% FINES	MAX SIZE (IN.)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	INTERVAL
0									
1									
2	6					SO		1505	↑
3	7								
4	3					PT			↓
5	3					PT		1510	↑
6	2					PT		1515	↑
7	4								↓
8	3					SA		1520	↑
9	5					SA			↓
10	5					SA		1525	↑
11	4								↓
12	3					SA		1530	↑
13	2								↓
14	5								↓
15									
16									
17									
18									
19									
20									
21									

SOIL DESCRIPTION (ASTM 2488)

WELL COMPLETED? ☐ YES ☒ NO



LOCATION SKETCH

Fill / odor P.I.D. = 6080
Peat w/odor
Peat - odor P.I.D. = 788
Peat - slight odor
Dense Dark grey Fine sand/silt - odor P.I.D. = 120
Dense grey Fine sand/silt - odor P.I.D. = 172
Dense grey Fine sand/silt - odor P.I.D. = 305
Dense grey-brown Fine sand + Peat w/odor
Shreen on Spacen P.I.D. = 150
end of boring DT 14.0

Sample 02NE88 SB 21 = #1 2.0-4.0
" 28 = #6 12.0-14.0

SOIL BORING LOG

PROJECT
NO.: 18574.260120

BORING NO.: 88-16

SHEET
1 OF

PROJECT Phase III R1

SITE Northeast Cape, St. Lawrence Is.

CLIENT USACE - Alaska

GEOLOGIST *McLean*

DATE 8/20/02

WEATHER *Puffy clouds*

AK STATE PLANE
COORDINATES

96260.0342

91182.7094

ELEVATION
DATUM

MSL

DILLING
METHOD HSA

BORING
SIZE 8 1/4

HAMMER
DROP (IN LBS)

30/360

RIG TYPE CME 45

DRILLER/
COMPANY Discovery

SAMPLES

SAMPLE
TYPE *Gravel*

SAMPLER
TYPE/DIAMETER 2 5/8

TOTAL
DEPTH (FT) 14.0

DEPTH TO
SWL (FT) 12.0

TOP OF HOLE
ELEVATION 72.95

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE	
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL
0					SP			
1								
2								
3								
4	12				SP		1845	
5	12							
6	11							
7	12							
8	9				SP		1850	
9	8							
10	11							
11	13				SP		1908	
12	11							
13	8							
14	14				SP		1905	
15	12							
16	9				SP			
17	13							
18	10							
19	8							
20	14							
21	18							

SOIL DESCRIPTION (ASTM 2488)

Rocky Fill 3"-5"

Crushed rock & Fill, odor
Some brown sand

PID = 655

Crushed Rock & Sand odor

PID = 1558

Geotext - 02NE88 SB 043

odor, crushed rock & coarse sand odor

PID = 1142

odor, crushed rock, coarse grey sand

PID = 2672

Saturated crushed rock, sheen, NO Recovery

D_r 14.0

Sample 02NE88 SB 31 = #2

6.0-8.0

32 = #4

10.0-12.0

WELL COMPLETED? ☐ YES ☒ NO



SO 88-14

SO 88-15

SO 88-16

109

18

LOCATION SKETCH

SOIL BORING LOG

PROJECT
NO.:

BORING NO.:
88-17

SHEET
1 OF 1

PROJECT Phase III R1

SITE Northeast Cape, St. Lawrence Is. CLIENT USACE - Alaska

GEOLOGIST *McLean*

DATE 8/1/02

WEATHER *cloudy*

AK STATE PLANE
COORDINATES

96171.5812
(Northing)

98270.0440
(Easting)

ELEVATION
DATUM

MSL

DRILLING
METHOD *HSA*

BORING
SIZE *8 1/4*

HAMMER
DROP (IN/LBS) *30/66*

RIG TYPE *CME 45*

DRILLER/
COMPANY *Discovery*

SAMPLES *2*

SAMPLE
TYPE *Grain*

SAMPLER
TYPE/DIAMETER *2" SS*

TOTAL
DEPTH (FT) *14.0*

DEPTH TO
SWL (FT) *13.0*

TOP OF HOLE
ELEVATION *89.65*

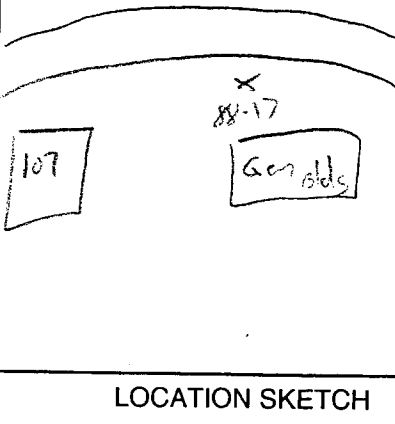
DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE	
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL
0								
1								
2	13						1435	
3	50							
4	X						1440	
5	22							
6	15						1450	
7	9							
8	5				SM		1500	
9	6							
10	9				SP		1505	
11	8							
12	12				SP		1510	
13	15							
14	14							
15								
16								
17								
18								
19								
20								
21								

SOIL DESCRIPTION (ASTM 2488)

WELL COMPLETED? ☐ YES ☒ NO

NORTH

Site 16



LOCATION SKETCH

No Recovery, slight odor on Spm

No Recovery

No Recovery

*Very strong odor
Dense grey sand/silt*

PID = 9999+

Crushed rock - grey, odor

PID = 2315

Crushed rock + sand, odor

PID = 9999+

*14.0 sample of NE 8855053 = ①
034 = ③*

8.0-10.0

12.0-14.0

Q2NE8855053 (FD)

SOIL BORING LOG

PROJECT
NO.:

BORING NO.:
88-19

SHEET
1 OF

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is. CLIENT USACE - Alaska

GEOLOGIST O'Connell McLean

TE 8/21/02

WEATHER Cloudy

AK STATE PLANE
COORDINATES

96070.5355

98228.2167

ELEVATION
DATUM

MSL

DRILLING
METHOD HSA

BORING
SIZE 8 1/4

HAMMER
DROP (IN LBS)

30/360

RIG TYPE CME 45

DRILLER/
COMPANY Discovery

SAMPLES 2

SAMPLE
TYPE GMB

SAMPLER
TYPE/DIAMETER 2 55

TOTAL
DEPTH (FT) 14

DEPTH TO
SWL (FT) 13.0

TOP OF HOLE
ELEVATION 71.93

DEPTH (FEET)	GRAIN SIZE				SOIL CLASS	GRAPHIC LOG	SAMPLE	
	BLOWS (6 IN.)	% GRAVEL	% SAND	% FINES			TIME	INTERVAL
0							1530	
1								
2	8				SA		1540	
3	13							
4	15				SM		1545	
5	9							
6	11							
7	16				SP		1550	
8	16							
9	21				SW		1555	
10	15							
11	8				SM		1605	
12	4							
13	5							
14	4							
15	9							
16	11							
17								
18								
19								
20								
21								

SOIL DESCRIPTION (ASTM 2488)

WELL COMPLETED? ☐ YES ☒ NO

NORTH

MW 88-7

SBK-17

107

SBK-18

LOCATION SKETCH

Slight odor, Brown sand & crushed rock

PID = 225

Brown sand, crushed rock
Slight odor

PID = 253

Odor, Crushed rock & grey silt

PID = 2913

Gratech - No recovery

grey sand, odor, coarse

PID = 4903

- Gratech - OZNE 8856044
moist, grey, fine sand & silt

Strong odor PID = 4113

No recovery, strong odor on spoon

Sample OZNE 88-50035 = #4

036 = #5

OZNE 88-50335 (QA/MS/MSD)

OZNE 88-50336 (FD)

SOIL BORING LOG

PROJECT
NO.: 18574.2601

BORING NO.:
88-19

SHEET
1 OF 2

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is. CLIENT USACE - Alaska

GEOLOGIST *McLennan*

DATE 8/22/02

WEATHER *cloudy*

AK STATE PLANE
COORDINATES

96206.4925

97683.0309

ELEVATION
DATUM

MSL

DRILLING
METHOD HSA

BORING
SIZE 8 1/4

HAMMER
DROP (IN/LBS)

30/360

RIG TYPE CME 45

DRILLER/
COMPANY Discovery

SAMPLES 2

SAMPLE
TYPE *amb*

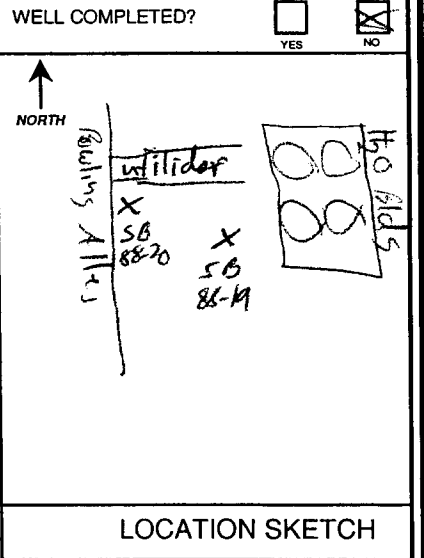
SAMPLER
TYPE/DIAMETER 2" SS

TOTAL
DEPTH (FT) 32

DEPTH TO
SWL (FT) -

TOP OF HOLE
ELEVATION 97.75

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE		SOIL DESCRIPTION (ASTM 2488)	WELL COMPLETED? ☐ YES ☒ NO
		% GRAVEL	% SAND	% FINES			TIME	INTERVAL		
0					SP		1210		Rocky Fill	
1										
2										
3										
4										
5										
6										
7										
8	10				SP		1225		Crushed Rock + Sand No odor/stain	
9	21								Brownish grey	
10	41				SP		1250		Crushed Rock + Sand No odor/stain	
11	28								Brownish grey	
12	23				SP		1235		Crushed Rock, coarse grey sand, Moist/wet	
13	17								No odor/stain	
14	14				SP		1250		Crushed rock coarse sand	
15	13								No odor/stain	
16	13				SP		1255		Crushed rock coarse sand No odor/stain	
17	15								PID = 0	
18	11				SP		1305		Crushed rock + sand No odor/stain	
19	11								PID = 0	
20	13				SP		1315		Crushed Rock, brown sand, No odor/stain	
21	14								continued ↓ ↓	



SOIL BORING LOG

PROJECT NO.:
18574.260120

BORING NO.:
88-19

SHEET
2 OF 2

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is.

CLIENT USACE - Alaska

GEOLOGIST McLean O'Connell

DATE 8/ /02 WEATHER

AK STATE PLANE
COORDINATES

1 (Northing) (Easting)

ELEVATION
DATUM

DRILLING
METHOD

BORING
SIZE

HAMMER
DROP (IN/LBS)

See P 9

RIG TYPE

DRILLER/
COMPANY Discovery

SAMPLES

SAMPLE
TYPE

SAMPLER
TYPE/DIAMETER

TOTAL
DEPTH (FT)

DEPTH TO
SWL (FT)

TOP OF HOLE
ELEVATION

SOIL DESCRIPTION

(ASTM 2488)

WELL COMPLETED? ☒ YES ☒ NO

NORTH

LOCATION SKETCH

DEPTH (FEET)	BLOWS (6 IN.)	% GRAVEL	% SAND	% FINES	MAX SIZE (IN.)	SOIL CLASS	GRAPHIC LOG	SAMPLE TIME	INTERVAL	SOIL DESCRIPTION	PID
21										Continued SB 88-19	
22	10							1325	↑	No Recovery	
23	12										
24	29										
25	26					SP		1340	↑	Crushed rock, NO clay/stain	
26	11										
27	6										
28	6									Fine brown sand	PID = 0
29	3					SW		1350	↑	Fine Brown Sand	
30	5										
31	5										
32	6					SM				Dense grey sand/silt	PID = 0
33	10							1400	↑	Moist silt/sand	
34	13									ONE88SB037 / 237 (FD)	PID = 0
35	23									Crushed rock & sand	
36	30										
37	43					SP		1410	↑	Crushed Rock & sand	PID = 0
38	20									ONE88SB038 / 338 (QA)	
39	25										
40	27										
41										Augur Refusal @ 32'	
42											

Sample ONE88SB 37 = #10 + 237 FD
38 = #11 337 FH

SOIL BORING LOG

PROJECT
NO.:

BORING NO.:
88-20

SHEET
1 OF 2

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is CLIENT USACE - Alaska

GEOLOGIST O'Connor, Melcan

DATE 8/21/02

WEATHER

AK STATE PLANE
COORDINATES

96233.7446

97685.3823

ELEVATION
DATUM

145L

DRILLING METHOD HSA BORING SIZE 8 1/4 HAMMER DROP (IN/LBS) 30/360 RIG TYPE CHE 45 DRILLER/COMPANY Discovery

# SAMPLES	2	SAMPLE TYPE	Arb	SAMPLER TYPE/DIAMETER	2" SS	TOTAL DEPTH (FT)	36	DEPTH TO SWL (FT)	-	TOP OF HOLE ELEVATION	81.14
-----------	---	-------------	-----	-----------------------	-------	------------------	----	-------------------	---	-----------------------	-------

H T	(IN.)	GRAIN SIZE		LOG	SAMPLE	SOIL DESCRIPTION	WELL COMPLETED?	☒	☐
			(IN.)		L			VER	NOR

SOIL DESCRIPTION

(ASTM 2488)

WELL COMPLETED?

☒ YES
 ☐ NO



NORTH

Feeding Alley

X

1120
Buildings

LOCATION SKETCH

DEPTH (FEET)	BLOWS (6 IN.)	GRAIN SIZE				SOIL CLASS	GRAPHIC LOG	SAMPLE	
		% GRAVEL	% SAND	% FINES	MAX SIZE (IN.)			TIME	INTERVAL
0						SP		1740	
1									
2									
3									
4									
5									
6									
7									
8	26							1810	↓
	50								
9	X								
	X								
10	14					SP		1820	↓
① 11	18								
	16								
	12								
12	16					SP		1825	↓
② 13	14								
	15								
	12								
14	22					SP		1835	↓
③ 15	11								
	14								
	13								
16	9					SP		1845	↓
④ 17	22								
	16								
	18								
18	28							1855	↓
	50								
19	X								
	X								
20	50							1905	↓
	X								
21	X								

Fill Rock + Gravel

No Recovery

Crushed rock No odor, Grey-brown
PID = 0

Crushed rock + sand No odor / ^{strong} grey - Brown
PTD = 0

Crushed Rock No odor/taste PID=0
Tan-Grey

Crushed Rock No color/stain PID = 0

No Recovery

No Recoveries

Continued ↓ ↓

SOIL BORING LOG

PROJECT NO.:

BORING NO.:

SHEET

2 OF 2

PROJECT Phase III RI

SITE Northeast Cape, St. Lawrence Is.

CLIENT USACE - Alaska

GEOLOGIST McLean J. Gannell

DATE 8/21/02

WEATHER

AK STATE PLANE
COORDINATES

ELEVATION
DATUM

DRILLING
METHOD

BORING
SIZE

HAMMER
DROP (IN/LBS)

RIG TYPE

DRILLER/
COMPANY Discovery

SAMPLER
TYPE/DIAMETER

TOTAL
DEPTH (FT)

DEPTH TO
SWL (FT)

TOP OF HOLE
ELEVATION

SAMPLES

SAMPLE
TYPE

SAMPLER
TYPE/DIAMETER

TOTAL
DEPTH (FT)

DEPTH TO
SWL (FT)

TOP OF HOLE
ELEVATION

DEPTH (FEET)	# SAMPLES	BLOWS (6 IN.)	GRAIN SIZE			SOIL CLASS	GRAPHIC LOG	SAMPLE		SOIL DESCRIPTION (ASTM 2488)	WELL COMPLETED? YES ☐ NO ☒
			% GRAVEL	% SAND	% FINES			TIME	INTERVAL		
21										Continued - No Recovery	
22	5	9				SP		1915	↓	Crushed Rock - FID=0 No clay/stain	
23		13									
24	6	10				SP		1925	↓	Crushed Rock, Brown Sand No clay	
25		6								PID=0	
26	7	11				SP		1935	↓	Fine grey sand with some iron staining No clay, crushed rock	
27		15								PID=0	
28	8	23				SP		1950	↓	Crushed rock, Brown Sand FID=0	
29		49								End of bag 10-24-02	
30		50						1030	↓	No Recovery	
31		X									
32		X						1045	↓	No Recovery	
33		X									
34		X						1055	↓	No Recovery	
35		X									
36		X						1115	↓	Augur Refused @ 36' on rock	
37										Sample 02-NESX-56039 = #7 + 239 (FD) 040 = #8 340 (DA)	
38											
39											
40											
41											
42											

WELL COMPLETED?

YES

NO

NORTH
↑

geopg.1

LOCATION SKETCH

**WATER SAMPLING
FIELD NOTE FORM**

SITE: Northwest Cape Sample ID #: MW 88-1 DATE: 8/15/02
 SAMPLE TYPE: NA FIELD CREW: DD TIME Start: 1030 End: 1230
 WEATHER: SKY: P. Cloudy PRECIP: 0 WIND: 5 Air Temp. 50

 GROUNDWATER: DEVELOPMENT X SAMPLING _____

Well Condition: NEW

Casing Ht. Above Ground: N/A FLUSH (FT.) Diameter: 3" in.

Well Depth: 25.90 ft. BTOC (Meas./Rec. Static Water Level: 21.78 ft. BTOC

Casing (C) = X Well _____ Outside Protective

* Prior to casing cut and flush mount installation

ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ 3 purge = ~ 2 gal .67 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>0</u>	<u>1030</u>	<u>7.9</u>	<u>283.1</u>	<u>5.98</u>
	<u>1</u>	<u>1032</u>	<u>4.8</u>	<u>231.1</u>	<u>6.32</u>
Bailer	<u>21</u>	<u>1040</u>	<u>4.7</u>	<u>228.6</u>	<u>6.189</u>
	<u>NO MORE WATER</u>	<u>1230</u>	<u>DRY- Sample Directly from well</u>		
Ded. Pump					
Suction Pump					
<u>Ded. Pump</u>					
(other)					

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
 Temp: _____ E.C: * _____ pH: * _____ Redox (eH): _____
 Temp: _____ E.C: * _____ pH: * _____ Redox (eH): _____

SAMPLE COLLECTION

Method: _____ Appearance: _____

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	_____				
Alkalinity EPA300	_____				
STEX SW6200B	_____				
GRO AK101	_____				
DRO/					
RROAK102/103	_____				
Methane/Ethane/					
Ethene RSK175	_____				

PRODUCT

Viscosity _____

Density _____

Interfacial Tension _____

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____

** METALS FIELD FILTERED: _____ PHOTO TAKEN # _____

Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA

Decon completed: by DD date 8/15/02

REMARKS: _____

WATER SAMPLING FIELD NOTE FORM

SITE: <u>Northwest Cape</u>	Sample ID #: <u>mw 88-1</u>	DATE: <u>8/16/02</u>
SAMPLE TYPE: <u>GRAB</u>	FIELD CREW: <u>DP</u>	TIME Start: <u>1310</u> End: <u>1600</u>
WEATHER: SKY: _____	PRECIP: <u>0</u>	WIND: <u>5</u> Air Temp: <u>50</u>

GROUNDWATER: DEVELOPMENT _____ SAMPLING X

Well Condition: <u>New</u>					
Casing Ht. Above Ground: <u>NA FLUSH*</u> (FT.) Diameter: <u>2</u> in.					
Well Depth: <u>26.48</u> ft. BTOC (Meas./Rec. Static Water Level: <u>21.94</u> ft. BTOC					
Casing (C) = <u>X</u> Well _____ Outside Protective					
* Prior to casing (PVC) cut and flush install -					
ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth}-\text{W. L.}) = $ <u>3 x purge</u> $\frac{3}{2} \times 2.25 \text{ gal} = $ <u>75</u> gal.					
PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD					
<u>Bailer</u>	<u>0</u>	<u>1320</u>	<u>6.2</u>	<u>386.8</u>	<u>6.07</u>
	<u>1 dry</u>	<u>1330</u>	<u>6.0</u>	<u>387.5</u>	<u>6.03</u>
	<u>1+ dry</u>	<u>1400</u>	<u>6.0</u>	<u>207.4</u>	<u>6.89</u>
Ded. Pump					
Suction Pump					
(other)					

* TEMP. CORRECTED @ 25C DO 8.4 mg/L
TURB > 1,000 NTU
CO2 Not Readable due to turbidity

SURFACE WATER 02NE88GW001

Channel Depth: _____	Width: _____	Velocity: _____	Flow: _____ cfs (Est./Meas.)
Temp: _____	E.C: * _____	pH: * _____	Redox (eH): _____
Temp: _____	E.C: * _____	pH: * _____	Redox (eH): _____

SAMPLE COLLECTION 02NE88GW001

Method: <u>Bailer Teflon Disposable</u> Appearance: <u>Very Turbid, Brown, No Green visible, Petrol Odor</u>			
Analyte	Time	Analyte	Time
Sulfate EPA300	<u>1400+</u>		
Alkalinity EPA300			
BTEX SW8260B			
GRO AK101			
DRO/			
RROAK102/103			
Methane/Ethane/			
Ethene RSK175			
		PRODUCT	
		Viscosity _____	
		Density _____	
		Interfacial Tension _____	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank 7 Other _____

** METALS FIELD FILTERED: _____ PHOTO TAKEN # 02NE88TB003

Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA

Decon completed: by DP date 8-16-02

REMARKS: Extremely slow recharge, Indicative of Perched Groundwater

8/19/02
2100

**WATER SAMPLING
FIELD NOTE FORM**

SITE: <u>Northeast Cape</u>	Sample ID #: <u>MW 88-2</u>	DATE: <u>8-15-02</u>
SAMPLE TYPE: <u>NA</u>	FIELD CREW: <u>DD</u>	TIME Start: <u>1130</u> End: <u>1455</u>
WEATHER: SKY: <u>P. cloudy</u>	PRECIP: <u>0</u>	WIND: <u>5</u> Air Temp. <u>50</u>

GROUNDWATER : DEVELOPMENT X SAMPLING _____

Well Condition: <u>NEW</u>					
Casing Ht. Above Ground: <u>Flush</u>		(FT. Diameter: <u>2</u> in.			
Well Depth: <u>17.06</u> ft.		BTOC (Meas./Rec. Static Water Level: <u>9.71</u> ft. BTOC			
Casing (C) = <u>X</u> Well _____ Outside Protective					
ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) = $ ^{3 purge} <u>25</u> <u>1.7</u> gal.					
PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>0</u>	<u>1130</u>	<u>5.7</u>	<u>226.2</u>	<u>6.50</u>
<u>Bailer</u>	<u>2 day</u>	<u>1140</u>	<u>4.6</u>	<u>243.1</u>	<u>6.06</u>
	<u>3 day</u>	<u>1455</u>	<u>4.8</u>	<u>237.8</u>	<u>6.10</u>
Ded. Pump	_____	_____	_____	_____	_____
Suction Pump	_____	_____	_____	_____	_____
<u>Reverse Pump</u>	_____	_____	_____	_____	_____
(other)	_____	_____	_____	_____	_____

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____	Width: _____	Velocity: _____	Flow: _____ cfs (Est./Meas.)
Temp: _____	E.C: *	pH: *	Redox (eH): _____
Temp: _____	E.C: *	pH: *	Redox (eH): _____

SAMPLE COLLECTION

Method: _____		Appearance: _____	
Analyte	Time	Analyte	Time
Sulfate EPA300	_____		
Alkalinity EPA300	_____		
BTEX SW8260B	_____		
GRO AK101	_____		
DRO/			
RROAK102/103	_____		
Methane/Ethane/			
Ethene RSK175	_____		
		PRODUCT	
		Viscosity _____	
		Density _____	
		Interfacial Tension _____	

COMMENTS: <u>QA/QC Label ID: Split</u>	<u>Dupl.</u>	<u>Trip Blank</u>	<u>Other</u>
--	--------------	-------------------	--------------

** METALS FIELD FILTERED: _____	PHOTO TAKEN # _____
---------------------------------	---------------------

Calibration/Standard: pH <u>4, 7, 10</u>	EC <u>✓</u>	DO <u>NA</u>	CO2 <u>NA</u>
--	-------------	--------------	---------------

Decon completed: by <u>DD</u>	date <u>8/15/02</u>
-------------------------------	---------------------

REMARKS:

WATER SAMPLING FIELD NOTE FORM

SITE: Northwest Cape Sample ID #: MW 88-2 DATE: 8-17-02
SAMPLE TYPE: Grab FIELD CREW: DQ TIME Start: 1645 End: 1800
WEATHER: SKY: P.C. PRECIP: RAINS WIND: 40-50 Air Temp: 90°F

GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: NEW

Casing Ht. Above Ground: Flush (FT.) Diameter: 2 in.

Well Depth: 20.06 ft. BTOC (Meas)/Rec. Static Water Level: 12.00 ft. BTOC

Casing (C) = X Well _____ Outside Protective

ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ ^{3x purge} 2 4 1.3 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>0</u>	<u>1645</u>	<u>6.0</u>	<u>335.1</u>	<u>7.09</u>
<u>Bailer</u>	<u>1</u>	<u>1650</u>	<u>5.9</u>	<u>332.7</u>	<u>7.11</u>
	<u>2 day</u>	<u>1655</u>	<u>5.3</u>	<u>230.4</u>	<u>6.79</u>
	<u>2+ day</u>	<u>1700</u>	<u>5.0</u>	<u>220.7</u>	<u>6.80</u>
Ded. Pump					
Suction Pump					
(other)					

Turb - 288 NTU, DO 5.2 mg/L
CO₂ NA. Due to turbidity

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C.: * _____ pH: * _____ Redox (eH): _____
Temp: _____ E.C.: * _____ pH: * _____ Redox (eH): _____

SAMPLE COLLECTION

02NE88 GW 072

Method: Bailer Taken Disposable Appearance: Turbid, Brown, No Odor, No, Shown

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	<u>1700</u>				
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/					
RROAK102/103					
Methane/Ethane/					
Ethene RSK175					

PRODUCT

Viscosity _____

Density _____

Interfacial Tension _____

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____

** METALS FIELD FILTERED: _____ PHOTO TAKEN # 02NE88 TB002

Calibration/Standard: pH 4.7, 10 EC ✓ DO NA CO2 NA

Decon completed: by DQ date 8-17-02

REMARKS: Indicative of Perched water. Column appears full but once purged extremely slow to recover

8/19/02
2102

WATER SAMPLING FIELD NOTE FORM

SITE: Northeast Cape Sample ID #: MW 88-3 DATE: 8-18-02
SAMPLE TYPE: NA FIELD CREW: DQ TIME Start: 100 End: 1050
WEATHER: SKY: PC PRECIP: 0 WIND: 10 Air Temp: 50

GROUNDWATER: DEVELOPMENT X SAMPLING _____

Well Condition: NEN

Casing Ht. Above Ground: NA Flush (FT. Diameter: 2 in.)

Well Depth: 20.10* ft. BTOC (Meas./Rec. Static Water Level: 15.12 ft. BTOC)

Casing (C) = X Well _____ Outside Protective

* Prior to PVC Cut.

ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ 3x Purge = 22.5 . 83 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>0</u>	<u>1050</u>	<u>4.5</u>	<u>437.6</u>	<u>8.20</u>
Bailer	<u>1</u>	<u>1005</u>	<u>3.2</u>	<u>279.2</u>	<u>7.41</u>
	<u>2</u>	<u>1010</u>	<u>3.4</u>	<u>242.7</u>	<u>7.43</u>
	<u>3</u>	<u>1015</u>	<u>3.6</u>	<u>248.5</u>	<u>7.40</u>
Ded. Pump	<u>5</u>	<u>1030</u>	<u>3.6</u>	<u>237.0</u>	<u>7.38</u>
	<u>10</u>	<u>1050</u>	<u>3.6</u>	<u>233.7</u>	<u>7.40</u>
Suction Pump					
<u>Purging Pump</u>					
(other)					

Shreen +
Odr
Muddy Brown
Cleaning up
Cleaning up

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C: * _____ pH: * _____ Redox (eH): _____
Temp: _____ E.C: * _____ pH: * _____ Redox (eH): _____

SAMPLE COLLECTION

Method: _____ Appearance: _____

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	_____				
Alkalinity EPA300	_____				
BTEX SW8260B	_____				
GRO AK101	_____				
DRO/					
RROAK102/103	_____				
Methane/Ethane/					
Ethene RSK175	_____				

PRODUCT

Viscosity _____

Density _____

Interfacial Tension _____

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____

** METALS FIELD FILTERED: _____ . PHOTO TAKEN # _____

Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA

Decon completed: by DQ date 8/18/02

REMARKS: _____



WATER SAMPLING
FIELD NOTE FORM

SITE: <u>Northeast Cape</u>	Sample ID #: <u>MW 88-3</u>	DATE: <u>8-19-02</u>
SAMPLE TYPE: <u>Grab</u>	FIELD CREW: <u>DQ</u>	TIME Start: <u>1215</u> End: <u>1315</u>
WEATHER: SKY: <u>P.C.</u>	PRECIP: <u>0</u>	WIND: <u>10</u> Air Temp: <u>50</u>

GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: NEW
Casing Ht. Above Ground: Flush / Final Elev (FT.) Diameter: 2 in.
Well Depth: 19.64 ft. BTOC (Meas./Rec. Static Water Level: 14.76 ft. BTOC
Casing (C) = X Well _____ Outside Protective

ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ 3x Drg. 2.55 .85 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>0</u>	<u>1215</u>	<u>3.6</u>	<u>129.4</u>	<u>8.56</u>
	<u>1</u>	<u>1217</u>	<u>2.4</u>	<u>138.0</u>	<u>8.03</u>
Bailer	<u>2 dry</u>	<u>1220</u>	<u>2.5</u>	<u>141.6</u>	<u>7.66</u>
	<u>3 dry</u>	<u>1230</u>	<u>2.5</u>	<u>153.8</u>	<u>7.32</u>
Ded. Pump					
Suction Pump					
<u>Purge Pump</u>					
(other)					

DO 8.2 mg/L, Turb > 1,000 NTU * TEMP. CORRECTED @ 25C
CO₂ NA - TSD TURBID

SURFACE WATER

Channel Depth: _____	Width: _____	Velocity: _____	Flow: _____	cfs (Est./Meas.)
Temp: _____	E.C: * _____	pH: * _____	Redox (eH): _____	
Temp: _____	E.C: * _____	pH: * _____	Redox (eH): _____	

SAMPLE COLLECTION

02NE886W003

Method: Bailer Teflon Disposable Appearance: Brownish, Sheen + Petrol Odor Present

Analyte	Time	Analyte	Time	Analyte	Time
---------	------	---------	------	---------	------

Sulfate EPA300 1230

Alkalinity EPA300 _____

BTEX SW8260B _____

GRO AK101 _____

DRO/ _____

RROAK102/103 _____

Methane/Ethane/ _____

Ethene RSK175 ✓

PRODUCT

Viscosity _____

Density _____

Interfacial Tension _____

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank ✓ Other 8/19/02

** METALS FIELD FILTERED: _____ . PHOTO TAKEN # ✓ 02NE886W003 8/19/02

Calibration/Standard: pH 4, 7, 10 EC ✓ DO ✓ CO₂ ✓

Decon completed: by DQ date 8-19-02

REMARKS:

WATER SAMPLING FIELD NOTE FORM

SITE: <u>Northeast Cape</u>	Sample ID #: <u>MW 88-4</u>	DATE: <u>8-18-02</u>
SAMPLE TYPE: <u>NA</u>	FIELD CREW: <u>DQ</u>	TIME Start: <u>1100</u> End: <u>1200</u>
WEATHER: SKY: <u>P.C.</u>	PRECIP: <u>0</u>	WIND: <u>10</u> Air Temp: <u>50</u>

 GROUNDWATER : DEVELOPMENT X SAMPLING _____

 Well Condition: New

 Casing Ht. Above Ground: Flush* (FT. Diameter: 2 in.

 Well Depth: 17.2 * ft. BTOC (Meas./Rec. Static Water Level: 11.20 ft. BTOC

 Casing (C) = X Well _____ Outside Protective

* Prior to PVC cut.

3 x Purge = 73.0 gal

 ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ 1.0 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>0</u>	<u>1100</u>	<u>4.4</u>	<u>602</u>	<u>7.35</u>
	<u>5</u>	<u>1115</u>	<u>3.9</u>	<u>630</u>	<u>7.21</u>
Bailer	<u>7</u>	<u>1125</u>	<u>3.9</u>	<u>649</u>	<u>6.79</u>
	<u>10</u>	<u>1135</u>	<u>3.8</u>	<u>626</u>	<u>6.81</u>
Ded. Pump	<u>15</u>	<u>1200</u>	<u>3.8</u>	<u>621</u>	<u>6.78</u>
Suction Pump					
<u>Regr Pump</u>					
(other)					

Muddy
 Muddy
 less Muddy
 P. Clear
 Clearing

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____	Width: _____	Velocity: _____	Flow: _____ cfs (Est./Meas.)
Temp: _____	E.C: * _____	pH: * _____	Redox (eH): _____
Temp: _____	E.C: * _____	pH: * _____	Redox (eH): _____

Shore & Petal odor Present

SAMPLE COLLECTION

Method: _____	Appearance: _____				
Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	_____				
Alkalinity EPA300	_____				
BTEX SW8260B	_____				
GRO AK101	_____				
DRO/					
RROAK102/103	_____				
Methane/Ethane/					
Ethene RSK175	_____				
PRODUCT					
Viscosity			_____		
Density			_____		
Interfacial Tension			_____		

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____

** METALS FIELD FILTERED: _____ PHOTO TAKEN # _____

 Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA

 Decon completed: by DQ date 9/18/02

REMARKS: _____

**WATER SAMPLING
FIELD NOTE FORM**

SITE: <u>Northeast Cape</u>	Sample ID #: <u>mw 88-4</u>	DATE: <u>8-19-02</u>
SAMPLE TYPE: <u>Grab</u>	FIELD CREW: <u>DD</u>	TIME Start: <u>1245</u> End: <u>1330</u>
WEATHER: <u>SKY: P.C.</u>	PRECIP: <u>0</u>	WIND: <u>10</u> Air Temp: <u>50</u>

 GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: NEW

Casing Ht. Above Ground: NA - FLUSH (FT. Diameter: 2 in.)

Well Depth: 16, 14 ft. BTOC (Meas./Rec. Static Water Level: 10.41 ft. BTOC)

Casing (C) = X Well _____ Outside Protective _____

ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ 3.0 1.0 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>0</u>	<u>1245</u>	<u>3.2</u>	<u>646</u>	<u>6.78</u>
Bailer	<u>1</u>	<u>1249</u>	<u>2.1</u>	<u>630</u>	<u>6.62</u>
	<u>2</u>	<u>1250</u>	<u>2.1</u>	<u>668</u>	<u>6.63</u>
	<u>3</u>	<u>1255</u>	<u>2.1</u>	<u>666</u>	<u>6.60</u>
Ded. Pump	<u>4 dry</u>	<u>1310</u>	<u>2.1</u>	<u>666</u>	<u>6.62</u>
	<u>5 dry</u>	<u>1330</u>	<u>2.1</u>	<u>665</u>	<u>6.61</u>
Suction Pump					
Punch Pump					
(other)					

Turb = > 1,000 NTU, DO + CO₂ NA DUE TO High Turbidity

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____	Width: _____	Velocity: _____	Flow: _____ cfs (Est./Meas.)
Temp: _____	E.C.: *	pH: *	Redox (eH): _____
Temp: _____	E.C.: *	pH: *	Redox (eH): _____

SAMPLE COLLECTION

Primary Duplicate Triplate (split QA) (MS/MSD All ANALYSE)

02NE88GW004, 02NE88GW204, 02NE88GW304

Method: Bailer (Teflon) Appearance: Gray Brown / Shien Refol Odor

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	<u>1330</u>				
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/					
RROAK102/103					
Methane/Ethane/					
Ethene RSK175					

Sample tube

PRODUCT

Visosity _____

Density _____

Interfacial Tension _____

COMMENTS: QA/QC Label ID: Split 1340 Dupl. 1335 Trip Blank ✓ Other 8/19/02

** METALS FIELD FILTERED: _____ PHOTO TAKEN # ✓ 02NE 88 TB003

Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO₂ NA

Decon completed: by DD date 8-19-02

REMARKS:

**WATER SAMPLING
FIELD NOTE FORM**

SITE: <u>Northeast Cape</u>	Sample ID #: <u>MW 88-5</u>	DATE: <u>8-18-02</u>
SAMPLE TYPE: <u>NA</u>	FIELD CREW: <u>DD</u>	TIME Start: <u>1400</u> End: <u>1545</u>
WEATHER: SKY: _____	PRECIP: <u>0</u>	WIND: <u>5</u> Air Temp. <u>50</u>

GROUNDWATER : DEVELOPMENT X SAMPLING _____

Well Condition: <u>NEW</u>					
Casing Ht. Above Ground: <u>NA - Flush</u> (FT. Diameter: <u>2</u> in.					
Well Depth: <u>17.45 *</u> ft. BTOC (Meas./Rec. Static Water Level: <u>12.32</u> ft. BTOC					
Casing (C) = <u>X</u> Well _____ Outside Protective					
* Prior to PVC Cut - see sampling for local elevation. 3 X Purge @ 2.5 gal					
ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ <u>.85</u> gal.					

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>0</u>	<u>1400</u>	<u>4.4</u>	<u>239.9</u>	<u>7.34</u>
Bailer	<u>1 dry</u>	<u>1410</u>	<u>3.9</u>	<u>237.2</u>	<u>7.24</u>
	<u>11 dry</u>	<u>1430</u>	<u>4.2</u>	<u>242.3</u>	<u>6.53</u>
	<u>2 dry</u>	<u>1450</u>	<u>4.2</u>	<u>244.5</u>	<u>6.52</u>
Ded. Pump	<u>21 dry</u>	<u>1530</u>	<u>4.2</u>	<u>242.0</u>	<u>6.58</u>
Suction Pump	_____	_____	_____	_____	_____
<u>Purging Pump</u>	_____	_____	_____	_____	_____
(other)	_____	_____	_____	_____	_____

Very Dark
Petrol Odor
Very Slow
Clearing
Clearing

* TEMP. CORRECTED @ 25C

Shreen + Petrol Odor

SURFACE WATER

Channel Depth: _____	Width: _____	Velocity: _____	Flow: _____ cfs (Est./Meas.)
Temp: _____	E.C: *	pH: *	Redox (eH): _____
Temp: _____	E.C: *	pH: *	Redox (eH): _____

SAMPLE COLLECTION

Method: _____		Appearance: _____	
Analyte	Time	Analyte	Time
Sulfate EPA300	_____		
Alkalinity EPA300	_____		
BTEX SW8260B	_____		
GRO AK101	_____		
DRO/			
RROAK102/103	_____		
Methane/Ethane/			
Ethene RSK175	_____		

PRODUCT	
Viscosity	_____
Density	_____
Interfacial Tension	_____

COMMENTS: QA/QC Label ID: Split _____	Dupl. _____	Trip Blank _____	Other _____
---------------------------------------	-------------	------------------	-------------

** METALS FIELD FILTERED: _____	PHOTO TAKEN # _____
---------------------------------	---------------------

Calibration/Standard: pH <u>4, 7, 10</u>	EC <u>✓</u>	DO <u>NA</u>	CO2 <u>NA</u>
--	-------------	--------------	---------------

Decon completed: by <u>DD</u>	date <u>8/18/02</u>
-------------------------------	---------------------

REMARKS:

WATER SAMPLING FIELD NOTE FORM

SITE: <u>Northwest Cape</u>	Sample ID #: <u>MW 88-5</u>	DATE: <u>8-19-02</u>
SAMPLE TYPE: <u>Grab</u>	FIELD CREW: <u>BP</u>	TIME Start: <u>1315</u> End: <u>1520</u>
WEATHER: <u>SKY: P.C.</u>	PRECIP: <u>0</u>	WIND: <u>10</u> Air Temp: <u>50</u>

 GROUNDWATER : DEVELOPMENT _____ SAMPLING X

 Well Condition: NEW
 Casing Ht. Above Ground: NA - Flush (FT. Diameter: 2 in.
 Well Depth: 14.95 (ft. BTOC) (Meas./Rec. Static Water Level: 9.8 ft. BTOC
 Casing (C) = X Well _____ Outside Protective

 ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth}-\text{W. L.}) =$ 3 x Purge $\approx$ 215 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>C</u>	<u>1315</u>	<u>4.1</u>	<u>236.8</u>	<u>7.16</u>
	<u>1 dry</u>	<u>1320</u>	<u>3.3</u>	<u>252.9</u>	<u>7.25</u>
<u>Bailer</u>	<u>1+ dry</u>	<u>1500</u>	<u>3.3</u>	<u>201.1</u>	<u>7.16</u>
Ded. Pump					
Suction Pump					
Pumper Pump					
(other)					

Turb > 1,000 NTU

 DO = NA
 CO₂ = NA > due to turbidity

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____	Width: _____	Velocity: _____	Flow: _____ cfs (Est./Meas.)
Temp: _____	E.C: *	pH: *	Redox (eH): _____
Temp: _____	E.C: *	pH: *	Redox (eH): _____

SAMPLE COLLECTION

02NE8861W005

 Method: Bailer (1st run) Disposable Appearance: Dark gray, Shreen, heavy petrol odor

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	<u>1500</u>				
Alkalinity EPA300					
BTEX SW8260B					
GRO AK101					
DRO/					
RROAK102/103					
Methane/Ethane/					
Ethene RSK175					

PRODUCT

 Viscosity _____
 Density _____
 Interfacial Tension _____

 COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank ↑ Other 8/19/02

 ** METALS FIELD FILTERED: _____ PHOTO TAKEN # 02NE8861W005

 Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO₂ NA

 Decon completed: by BP date 8-19-02

 REMARKS: Extremely Slow Recharge, Very indication of perched water

**WATER SAMPLING
FIELD NOTE FORM**

SITE: <u>Northeast Cape</u>	Sample ID #: <u>mw 88-6</u>	DATE: <u>8-19-02</u>
SAMPLE TYPE: <u>NA</u>	FIELD CREW: <u>DP</u>	TIME Start: <u>1100</u> End: <u>1230</u>
WEATHER: SKY: <u>D.C</u>	PRECIP: <u>0</u>	WIND: <u>10</u> Air Temp. <u>50</u>

GROUNDWATER : DEVELOPMENT X SAMPLING _____

Well Condition: NEW
Casing Ht. Above Ground: NA - Flush (FT. Diameter: 2 in.
Well Depth: 15.2 ft. BTOC (Meas./Rec. Static Water Level: 10.40 ft. BTOC
Casing (C) = X Well _____ Outside Protective

3 x 1 purge = ~ 2.5 gal

ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ 85 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	0	1100	6.2	420.8	7.45
Bailer	1 dry	1110	4.3	454.7	7.16
	2 dry	1130	4.3	428.4	6.8
	3 dry	1145	4.0	419.8	6.90
	4 dry	1230	3.6	414.1	6.98
Ded. Pump					
Suction Pump					
<u>Purser Pump</u>					
(other)					

Very Dark Grey

* TEMP. CORRECTED @ 25C

SURFACE WATER

strong Petrol Odor

Channel Depth: _____	Width: _____	Velocity: _____	Flow: _____ cfs (Est./Meas.)
Temp: _____	E.C: *	pH: *	Redox (eH): _____
Temp: _____	E.C: *	pH: *	Redox (eH): _____

SAMPLE COLLECTION

Method: _____		Appearance: _____	
Analyte	Time	Analyte	Time
Sulfate EPA300	_____		
Alkalinity EPA300	_____		
BTEX SW8260B	_____		
GRO AK101	_____		
DRO/			
RROAK102/103	_____		
Methane/Ethane/			
Ethene RSK175	_____		

PRODUCT

Viscosity	_____
Density	_____
Interfacial Tension	_____

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____

**METALS FIELD FILTERED: _____ . PHOTO TAKEN # _____

Calibration/Standard: pH 4.7, 7.0 EC ✓ DO NA CO2 NA

Decon completed: by DP date 8/19/02

REMARKS: _____

WATER SAMPLING FIELD NOTE FORM

SITE: Northwest Cape Sample ID #: MW 88-6 DATE: 8-20-02
 SAMPLE TYPE: Grab FIELD CREW: DQ TIME Start: 1230 End: 1315
 WEATHER: SKY: PC PRECIP: 0 WIND: 10 Air Temp. 50

GROUNDWATER: DEVELOPMENT _____ SAMPLING X

Well Condition: NEW
 Casing Ht. Above Ground: Flush (FT.) Diameter: 2 in.
 Well Depth: 15.20 ft. BTOC (Meas)/Rec. Static Water Level: 10.43 ft. BTOC
 Casing (C) = X Well _____ Outside Protective

ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ 8 gal.
 $3 \times \text{purge} = 22.5 \text{ gal.}$

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	0	1230	4.4	411.0	7.52
	1	1240	3.2	393.9	7.53
<u>Bailer</u>	2 dry	1245	3.0	419.6	7.00
	2+ dry	1300	3.0	413.0	7.09
Ded. Pump					
Suction Pump					
(other)					

TURB > 1,000 NTU
 DO NA
 CO₂ NA > 700 TURBID

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
 Temp: _____ E.C.: * _____ pH: * _____ Redox (eH): _____
 Temp: _____ E.C.: * _____ pH: * _____ Redox (eH): _____

SAMPLE COLLECTION

02NE88GW006

Method: Teflon Bailer (Disposable) Appearance: Dark Gray, Very Turbid, Shreen, Odor (strong)

Analyte Time Analyte Time Analyte Time

Sulfate EPA300

1300

Alkalinity EPA300

BTEX SW8260B

GRO AK101

DRO/

RROAK102/103

Methane/Ethane/

Ethene RSK175

PRODUCT

Visosity

Density

Interfacial Tension

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank 2100 Other _____

** METALS FIELD FILTERED: _____ PHOTO TAKEN # 5-19-02 02NE88TA003

Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO₂ NA

Decon completed: by DQ date 8-20-02

REMARKS:

WATER SAMPLING FIELD NOTE FORM

SITE: <u>Northeast Cape</u>	Sample ID #: <u>MW 88-7</u>	DATE: <u>8-19-02</u>
SAMPLE TYPE: <u>NA</u>	FIELD CREW: <u>DQ</u>	TIME Start: <u>1115</u> End: <u>1220</u>
WEATHER: SKY: <u>P.C.</u>	PRECIP: <u>0</u>	WIND: <u>10</u> Air Temp: <u>50</u>

 GROUNDWATER : DEVELOPMENT X SAMPLING _____

Well Condition: <u>NEW</u>					
Casing Ht. Above Ground: <u>Flush</u> (FT.) Diameter: <u>2</u> in.					
Well Depth: <u>19.02</u> ft. BTOC (Meas./Rec. Static Water Level: <u>14.01</u> ft. BTOC					
Casing (C) = <u>X</u> Well _____ Outside Protective					
ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) = $ <u>3 x purge = 2 25 gal</u> <u>80</u> gal.					
PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>0</u>	<u>1115</u>	<u>4.5</u>	<u>403.2</u>	<u>6.99</u>
Bailer	<u>2</u>	<u>1118</u>	<u>4.3</u>	<u>424.4</u>	<u>6.86</u>
	<u>4</u>	<u>1120</u>	<u>3.1</u>	<u>418.5</u>	<u>6.89</u>
	<u>5</u>	<u>1125</u>	<u>2.7</u>	<u>406.7</u>	<u>6.81</u>
Ded. Pump	<u>10</u>	<u>1140</u>	<u>2.9</u>	<u>402.6</u>	<u>6.80</u>
	<u>15</u>	<u>1155</u>	<u>2.9</u>	<u>402.8</u>	<u>6.71</u>
Suction Pump	<u>20</u>	<u>1205</u>	<u>2.9</u>	<u>400.0</u>	<u>6.76</u>
Purging Pump	<u>25</u>	<u>1215</u>	<u>2.9</u>	<u>398.7</u>	<u>6.78</u>
(other)					

Very Dark
 Petrol Odor
 Very Dark
 Clearing slightly

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____	Width: _____	Velocity: _____	Flow: _____ cfs (Est./Meas.)
Temp: _____	E.C: *	pH: *	Redox (eH): _____
Temp: _____	E.C: *	pH: *	Redox (eH): _____

SAMPLE COLLECTION

Method: _____	Appearance: _____				
Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	_____				
Alkalinity EPA300	_____				
BTEX SW8260B	_____				
GRO AK101	_____				
DRO/					
RROAK102/103	_____				
Methane/Ethane/					
Ethene RSK175	_____				
PRODUCT					
Viscosity			_____		
Density			_____		
Interfacial Tension			_____		

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____

** METALS FIELD FILTERED: _____ . PHOTO TAKEN # _____

 Calibration/Standard: pH 4.7, 10 EC ✓ DO NA CO2 NA

 Decon completed: by DQ date 8/19/02

 REMARKS: Very Good Product

**WATER SAMPLING
FIELD NOTE FORM**

SITE: <u>Northeast Cape</u>	Sample ID #: <u>MW 88-7</u>	DATE: <u>8-20-02</u>	
SAMPLE TYPE: <u>Grab</u>	FIELD CREW: <u>DO</u>	TIME Start: <u>1320</u>	End: <u>1410</u>
WEATHER: SKY: _____	PRECIP: <u>0</u>	WIND: <u>20</u>	Air Temp: <u>50</u>

 GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: <u>NEW</u>					
Casing Ht. Above Ground: <u>FLUSH</u>		(FT. Diameter: <u>2</u> in.			
Well Depth: <u>19.02</u> ft.		BTOC (Meas./Rec. Static Water Level: <u>14.02</u> ft. BTOC			
Casing (C) = <u>X</u> Well _____ Outside Protective					
3x Purge Vol: <u>2</u> 2.5 gal					
ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ <u>80</u> gal.					
PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>0</u>	<u>1320</u>	<u>2.8</u>	<u>364.9</u>	<u>7.73</u>
Bailer	<u>2</u>	<u>1325</u>	<u>2.3</u>	<u>400.4</u>	<u>7.40</u>
	<u>4</u>	<u>1330</u>	<u>2.1</u>	<u>412.4</u>	<u>7.12</u>
	<u>5</u>	<u>1340</u>	<u>2.1</u>	<u>421.0</u>	<u>7.00</u>
Ded. Pump	<u>7</u>	<u>1350</u>	<u>2.1</u>	<u>397.1</u>	<u>6.73</u>
	<u>10</u>	<u>1400</u>	<u>2.1</u>	<u>398.6</u>	<u>6.75</u>
Suction Pump					
<u>Dredge</u>					
(other)					

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____	Width: _____	Velocity: _____	Flow: _____ cfs (Est./Meas.)
Temp: _____	E.C: *	pH: *	Redox (eH): _____
Temp: _____	E.C: *	pH: *	Redox (eH): _____

SAMPLE COLLECTION
02NE88GW007 (MS/MSD ALL ANALYTES)

Method: <u>Teflon Bailer (Disposable)</u>		Appearance: <u>Gray - Petrol Odor</u>	
Analyte	Time	Analyte	Time
Sulfate EPA300	<u>1400</u>		
Alkalinity EPA300			
BTEX SW8260B			
GRO AK101			
DRO/			
RROAK102/103			
Methane/Ethane/			
Ethene RSK175			
		PRODUCT	
		Viscosity _____	
		Density _____	
		Interfacial Tension _____	

 COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank 8-19-02 Other _____

** METALS FIELD FILTERED: _____ . PHOTO TAKEN # <u>2100-02NE88GW007</u>			
Calibration/Standard: pH <u>4,7,10</u>	EC <u>✓</u>	DO <u>NA</u>	CO2 <u>NA</u>
Decon completed: by <u>DO</u>		date: <u>8-20-02</u>	
REMARKS: <u>Very Good Recovery</u>			

**WATER SAMPLING
FIELD NOTE FORM**

SITE: Northwest Cape Sample ID #: MW 88-8 DATE: 8-19-02
SAMPLE TYPE: NA FIELD CREW: DQ TIME Start: 1230 End: 1400
WEATHER: SKY: DL PRECIP: 0 WIND: 10 Air Temp: 52

GROUNDWATER : DEVELOPMENT X SAMPLING

Well Condition: NEW

Casing Ht. Above Ground: Flush (FT. Diameter: 2 in.)

Well Depth: 18.70 ft. BTOC (Meas./Rec. Static Water Level: 14.54 ft. BTOC

Casing (C) = Well Outside Protective

ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ 3 x purge + 2 gal .7 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	0	1230	4.2	412.3	7.75
	1	1235	3.9	477.7	7.13
Bailer	2	1237	2.9	466.9	7.18
	3 dn	1240	2.9	458.1	7.05
Ded. Pump	3+ dn	1245	2.9	459.0	6.74
	4 dn	1255	2.9	453.8	6.73
Suction Pump	5 dn	1320	2.9	399.4	7.06
<u>Purge Pump</u>	6 dn	1340	3.1	380.6	6.96
(other)	7 dn	1400	3.0	380.2	6.98

Very Dark
Petroleum
Shore

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)

Temp: _____ E.C: * _____ pH: * _____ Redox (eH): _____

Temp: _____ E.C: * _____ pH: * _____ Redox (eH): _____

SAMPLE COLLECTION

Method: _____ Appearance: _____

Analyte	Time	Analyte	Time	Analyte	Time
Sulfate EPA300	_____				
Alkalinity EPA300	_____				
BTEX SW8260B	_____				
GRO AK101	_____				
DRO/					
RROAK102/103	_____				
Methane/Ethane/					
Ethene RSK175	_____				

PRODUCT

Viscosity _____

Density _____

Interfacial Tension _____

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____

** METALS FIELD FILTERED: _____ PHOTO TAKEN # _____

Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA

Decon completed: by DQ date 8/19/02

REMARKS: Shore, Very Turbid Dark Green, Petroleum Color

WATER SAMPLING FIELD NOTE FORM

SITE: <u>Northwest Cape</u>	Sample ID #: <u>MW 88-8</u>	DATE: <u>8-20-02</u>
SAMPLE TYPE: <u>GRAB</u>	FIELD CREW: <u>MD</u>	TIME Start: <u>1420</u> End: <u>1515</u>
WEATHER: <u>SKY: P.C.</u>	PRECIP: <u>0</u>	WIND: <u>20</u> Air Temp: <u>50</u>

GROUNDWATER : DEVELOPMENT _____ SAMPLING X

Well Condition: <u>NEW</u>					
Casing Ht. Above Ground: <u>Flush</u> (FT. Diameter: <u>2</u> in.					
Well Depth: <u>18.70</u> ft. BTOC (Meas./Rec. Static Water Level: <u>14.60</u> ft. BTOC					
Casing (C) = <u>X</u> Well _____ Outside Protective _____					
ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth}-\text{W. L.}) =$ <u>3 x purge = 2 gal</u> <u>.7</u> gal.					
PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>0</u>	<u>1420</u>	<u>21.9</u>	<u>380.1</u>	<u>6.99</u>
Bailer	<u>1</u>	<u>1430</u>	<u>21.8</u>	<u>374.9</u>	<u>6.83</u>
	<u>2 dn</u>	<u>1445</u>	<u>21.8</u>	<u>402.4</u>	<u>6.79</u>
	<u>24 dn</u>	<u>1500</u>	<u>21.8</u>	<u>401.6</u>	<u>6.77</u>
Ded. Pump					
Suction Pump					
<u>Purifier Pump</u>					
(other)					

Turbidity > 1,500 NTU
DO NA
CO2 NA > TOO TURBID

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____	Width: _____	Velocity: _____	Flow: _____ cfs (Est./Meas.)
Temp: _____	E.C.: *	pH: *	Redox (eH): _____
Temp: _____	E.C.: *	pH: *	Redox (eH): _____

SAMPLE COLLECTION

02NE886W 008

Method: <u>Teflon Bailer (Disposable)</u>		Appearance: <u>Dark Gray, Shown, Petrol Odor</u>	
Analyte	Time	Analyte	Time
Sulfate EPA300	<u>1500</u>		
Alkalinity EPA300			
BTEX SW8260B			
GRO AK101			
DRO/			
RROAK102/103			
Methane/Ethane/			
Ethene RSK175			
		PRODUCT	
		Viscosity _____	
		Density _____	
		Interfacial Tension _____	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank <u>8/13/02</u> Other _____
** METALS FIELD FILTERED: _____ PHOTO TAKEN # <u>E180 - 02NE88TB003</u>
Calibration/Standard: pH <u>4, 7, 10</u> EC <u>✓</u> DO <u>NA</u> CO2 <u>NA</u>
Decon completed: by <u>DQ</u> date <u>8-19-02</u>
REMARKS:

**WATER SAMPLING
FIELD NOTE FORM**

SITE: Northeast Cape Sample ID #: MW 88-9 DATE: 8-20-02
 SAMPLE TYPE: NA FIELD CREW: DQ TIME Start: 1530 End: 1650
 WEATHER: SKY: PC PRECIP: 0 WIND: 20 Air Temp: 50

GROUNDWATER : DEVELOPMENT X SAMPLING

Well Condition: NEW
 Casing Ht. Above Ground: FLUSH (FT.) Diameter: 2 in.
 Well Depth: 24.45 ft. BTOC (Meas./Rec. Static Water Level: 20.24 ft. BTOC
 Casing (C) = X Well Outside Protective
 ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ 3x Purge ~ 2 gal .7 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>0</u>	<u>1530</u>	<u>5.0</u>	<u>142.3</u>	<u>7.57</u>
	<u>2</u>	<u>1534</u>	<u>3.3</u>	<u>119.7</u>	<u>7.54</u>
Bailer	<u>4</u>	<u>1540</u>	<u>2.3</u>	<u>106.0</u>	<u>7.23</u>
	<u>5</u>	<u>1543</u>	<u>3.2</u>	<u>101.6</u>	<u>7.07</u>
Ded. Pump	<u>7</u>	<u>1547</u>	<u>2.8</u>	<u>91.7</u>	<u>6.77</u>
	<u>9</u>	<u>1550</u>	<u>2.3</u>	<u>82.0</u>	<u>6.57</u>
Suction Pump	<u>10</u>	<u>1555</u>	<u>2.3</u>	<u>85.8</u>	<u>6.46</u>
<u>Perist Pump</u>	<u>15</u>	<u>1605</u>	<u>2.3</u>	<u>76</u>	<u>6.45</u>
(other)	<u>20</u>	<u>1620</u>	<u>2.3</u>	<u>65.2</u>	<u>6.40</u>

Dark Brown /

Clearing Start

Still

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: Width: Velocity: Flow: cfs (Est./Meas.)
 Temp: E.C.: * pH: * Redox (eH):
 Temp: E.C.: * pH: * Redox (eH):

SAMPLE COLLECTION

Method: Appearance:
 Analyte Time Analyte Time Analyte Time
 Sulfate EPA300
 Alkalinity EPA300
 BTEX SW8260B
 GRO AK101
 DRO/
 RROAK102/103 PRODUCT
 Viscosity
 Methane/Ethane/
 Density
 Ethene RSK175 Interfacial Tension

COMMENTS: QA/QC Label ID: Split Dupl. Trip Blank Other

** METALS FIELD FILTERED: . PHOTO TAKEN #

Calibration/Standard: pH 4.7, 10 EC ✓ DO NA CO2 NA

Decon completed: by DQ date 8/20/02

REMARKS: Best Producer of all New Wells - NO odor, No Shown Tan Turbidity vs. Dark Grey at all other locations.

**WATER SAMPLING
FIELD NOTE FORM**

SITE: Northwest Cape Sample ID #: MW 88-9 DATE: 8-21-02
SAMPLE TYPE: Grab FIELD CREW: DP TIME Start: 1430 End: 1520
WEATHER: SKY: Clear PRECIP: 0 WIND: 20 Air Temp: 50

GROUNDWATER: DEVELOPMENT _____ SAMPLING X

Well Condition: NEW
Casing Ht. Above Ground: Flush (FT. Diameter: 2 in.
Well Depth: 24.45 ft. BTOC (Meas/Rec. Static Water Level: 20.22 ft. BTOC
Casing (C) = X Well _____ Outside Protective _____
3x purge @ 2 gal

ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$.7 gal.

PURGING:	Gallons	Time	Temperature °C	E.C. (µmhos/cm)*	pH*
METHOD	<u>0</u>	<u>1430</u>	<u>4.6</u>	<u>92.9</u>	<u>8.00</u>
	<u>1</u>	<u>1435</u>	<u>2.7</u>	<u>88.1</u>	<u>7.82</u>
Bailer	<u>2</u>	<u>1440</u>	<u>2.6</u>	<u>87.1</u>	<u>7.41</u>
	<u>3</u>	<u>1442</u>	<u>2.3</u>	<u>85.4</u>	<u>7.15</u>
Ded. Pump	<u>4</u>	<u>1445</u>	<u>2.3</u>	<u>84.8</u>	<u>6.97</u>
	<u>5</u>	<u>1450</u>	<u>2.3</u>	<u>84.7</u>	<u>6.98</u>
Suction Pump	<u>10</u>	<u>1500</u>	<u>2.3</u>	<u>81.9</u>	<u>6.86</u>
Purge Pump (other)					

Turbidity 220 NTU
DO 4.1 mg/L

* TEMP. CORRECTED @ 25C

SURFACE WATER CO2 1.9 mg/L

Channel Depth: _____ Width: _____ Velocity: _____ Flow: _____ cfs (Est./Meas.)
Temp: _____ E.C.: * _____ pH: * _____ Redox (eH): _____
Temp: _____ E.C.: * _____ pH: * _____ Redox (eH): _____

SAMPLE COLLECTION

02NE88 GWT009

Method: Teflon Baiter (Disposable) Appearance: Tan - NO SHEEN, NO ODOR

Analyte Time Analyte Time Analyte Time

Sulfate EPA300 1400

Alkalinity EPA300 _____

BTEX SW8260B _____

GRO AK101 _____

DRO/ _____

RROAK102/103 _____

Methane/Ethane/ _____

Ethene RSK175 ✓

PRODUCT

Viscosity _____

Density _____

Interfacial Tension _____

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank 8-19-02 Other _____

** METALS FIELD FILTERED: _____ PHOTO TAKEN # E1100 - 02NE88TB003

Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA

Decon completed: by DP date 8-21-02

REMARKS: Tan Turbidity unlike any of the other MW88 series wells. No Sheen, No Odor

**WATER SAMPLING
FIELD NOTE FORM**

SITE: <u>Northwest Cape</u>	Sample ID #: <u>MW 88-10</u>	DATE: <u>8-28-02</u>
SAMPLE TYPE: <u>NA</u>	FIELD CREW: <u>DD</u>	TIME Start: <u>1630</u> End: <u>1800</u>
WEATHER: SKY: <u>PC</u>	PRECIP: <u>0</u>	WIND: <u>10</u> Air Temp: <u>50</u>

 GROUNDWATER : DEVELOPMENT X SAMPLING _____

Well Condition: <u>NEW</u>					
Casing Ht. Above Ground: <u>Flush</u> (FT. Diameter: <u>2</u> in.					
Well Depth: <u>24.50</u> ft. BTOC (Meas./Rec. Static Water Level: <u>24.29</u> ft. BTOC					
Casing (C) = <u>X</u> Well _____ Outside Protective					
3x purge $\approx$ 3/4 gal					
ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ _____ gal.					
PURGING:	Gallons	Time	Temperature °C.E.C. (µmhos/cm)*	pH*	
METHOD	<u>0</u>	<u>1630</u>	<u>3.6</u>	<u>382.1</u>	<u>6.02</u>
<u>Bailer</u>	<u>0.5 dn</u>	<u>1700</u>	<u>No WATER</u>		
	<u>0.51 dn</u>	<u>1800</u>	<u>No Water / about 2 cm of Mud</u>		
Ded. Pump					
Suction Pump					
(other)					

* TEMP. CORRECTED @ 25C

Dark Gray, Muddy Silty, Sheen, Petrol Odor.
SURFACE WATER

Channel Depth: _____	Width: _____	Velocity: _____	Flow: _____ cfs (Est./Meas.)
Temp: _____	E.C: * _____	pH: * _____	Redox (eH): _____
Temp: _____	E.C: * _____	pH: * _____	Redox (eH): _____

SAMPLE COLLECTION

Method: _____		Appearance: _____	
Analyte	Time	Analyte	Time
Sulfate EPA300	_____		
Alkalinity EPA300	_____		
BTEX SW8260B	_____		
GRO AK101	_____		
DRO/			
RROAK102/103	_____		
Methane/Ethane/			
Ethene RSK175	_____		
		PRODUCT	
		Viscosity _____	
		Density _____	
		Interfacial Tension _____	

COMMENTS: QA/QC Label ID: Split _____ Dupl. _____ Trip Blank _____ Other _____

** METALS FIELD FILTERED: _____ . PHOTO TAKEN # _____

 Calibration/Standard: pH 4, 7, 10 EC ✓ DO NA CO2 NA

 Decon completed: by DD date 8/20/02

 REMARKS: Very thick, Muddy Silty Water, Went Dry. May not be able to sample. will sample directly tomorrow w/ minimal purge.

WATER SAMPLING FIELD NOTE FORM

SITE: <u>Northeast Cape</u>	Sample ID #: <u>MW 88-10</u>	DATE: <u>8-21-00</u>
SAMPLE TYPE: <u>Grab</u>	FIELD CREW: <u>DQ</u>	TIME Start: <u>1400</u> End: <u>1740</u>
WEATHER: <u>SKY: Nice Day</u>	PRECIP: <u>0</u>	WIND: <u>20</u> Air Temp. <u>50</u>
<u>Clear P.C.</u>		

GROUNDWATER: DEVELOPMENT _____ SAMPLING X

Well Condition: NEW
Casing Ht. Above Ground: Flow (FT.) Diameter: 2 in.
Well Depth: 26.00 ft. BTOC (Meas./Rec. Static Water Level: 24.98 ft. BTOC
Casing (C) = X Well Outside Protective

ONE PURGE VOLUME: $7.48 \times (\text{dia.}/24)^2 \times 3.14 \times (\text{Depth-W. L.}) =$ _____ gal.

PURGING: METHOD	Gallons	Time	Temperature °C.E.C. (µmhos/cm)*	pH*
	0	1400	3.6	422.1
Bailer		All Water Collected Used for Sample		
		Well is essentially dry		
Ded. Pump				
Suction Pump				
(other)				

Turbidity > 1,000 NTU
DO NH > Too Turbid
- CO₂ NH

* TEMP. CORRECTED @ 25C

SURFACE WATER

Channel Depth: _____	Width: _____	Velocity: _____	Flow: _____ cfs (Est./Meas.)
Temp: _____	E.C: * _____	pH: * _____	Redox (eH): _____
Temp: _____	E.C: * _____	pH: * _____	Redox (eH): _____

SAMPLE COLLECTION

Method: <u>Felton Bailey</u>		Appearance: <u>Very Turbid almost muddy, negligible recharge.</u>	
Analyte	Time	Analyte	Time

Sulfate EPA300	1432	
Alkalinity EPA300		
BTEX SW8260B		
GRO AK101		
DRO/		
RROAK102/103		
Methane/Ethane/		
Ethene RSK175		

PRODUCT

Visosity _____

Density _____

Interfacial Tension _____

COMMENTS:	QA/QC Label ID: Split	Dupl.	Trip Blank	8-19-02	Other
-----------	-----------------------	-------	------------	---------	-------

** METALS FIELD FILTERED: . PHOTO TAKEN # 2100 - 02N299T3003

Calibration/Standard: pH 4, 7, 10 EC ☒ DO ☒ CO2 ☒

Decon completed: by DG date _____

REMARKS: Very slow in obtaining sample volume. After initial bailer maximum of 1-2 inches muddy water available. Sample collected from 1400 to 1730.



ENVIRONMENTAL, INC.

20741 Manhattan Place Torrance, CA 90501

Tel: 310.212.0610 ♦ Fax: 310.212.7222

Activated Carbon, Pollution Control Systems
and Waste Management Services**Non-Hazardous Spent Carbon Profile Form****A. Generator Information**

1. Generating Facility: Northeast Cape
2. Site Address: St Lawrence Is.
ALASKA
3. Generator Technical Representative: Lisa Quist
Phone # (907) 753-5742
Fax # (907) 753-5626
4. Reactivation Facility: California Carbon, 2825 E. Grant St., Wilmington, CA

B. Spent Carbon Characterization:

The generator certifies that the spent carbon is classified as non-hazardous waste as defined by U.S.EPA regulations under the Regulatory Conservation and Recovery Act (RCRA); as set forth in 40CFR, Part 261.

C. Generator Certification

I hereby certify that, to the best of my knowledge, all information submitted in this and all attached documents is true and accurate, and that all known or suspected chemical contaminants and potential hazards have been disclosed.

for mwh
c/o USARMC

Bonnie Michael
Signature

8-29-02
Date

Bonnie Michael
Name (please print)

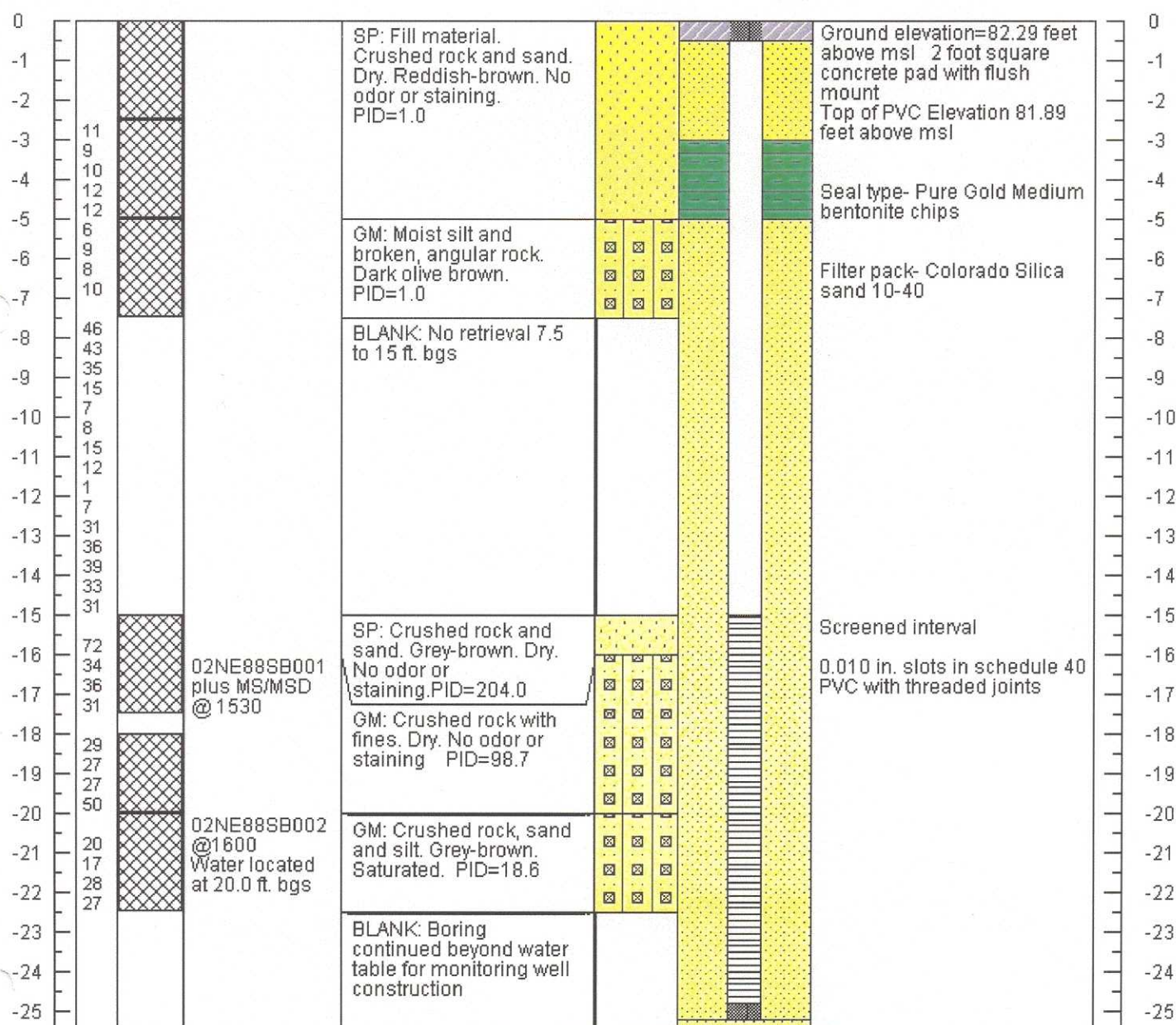
FR
Title

1 - 55gal

1 - 5gal

Boring #- MW 88-1	Project- NEC Phase III RI	Client- USACE	Date- 8/14/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96392.8914 / 98080.4492		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 22.5 ft	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.-82.29 ft

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



Boring # - MW 88-2

Project- NEC Phase III RI

Client- USACE

Date- 8/14/02

Boring Size- 8.25 in

AK State Plane Coordinates- 96455.0726 / 98257.8812

Drilling Method- Hollow Stem Augur

Northing / Easting

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs

Total Depth- 18 ft.

Elevation Datum- MSL

Sample Type- Grab

Sampler Type- 2.5 in SS

Geologist- O'Connell

Top of Hole Elev.-71.18 ft.

Blows

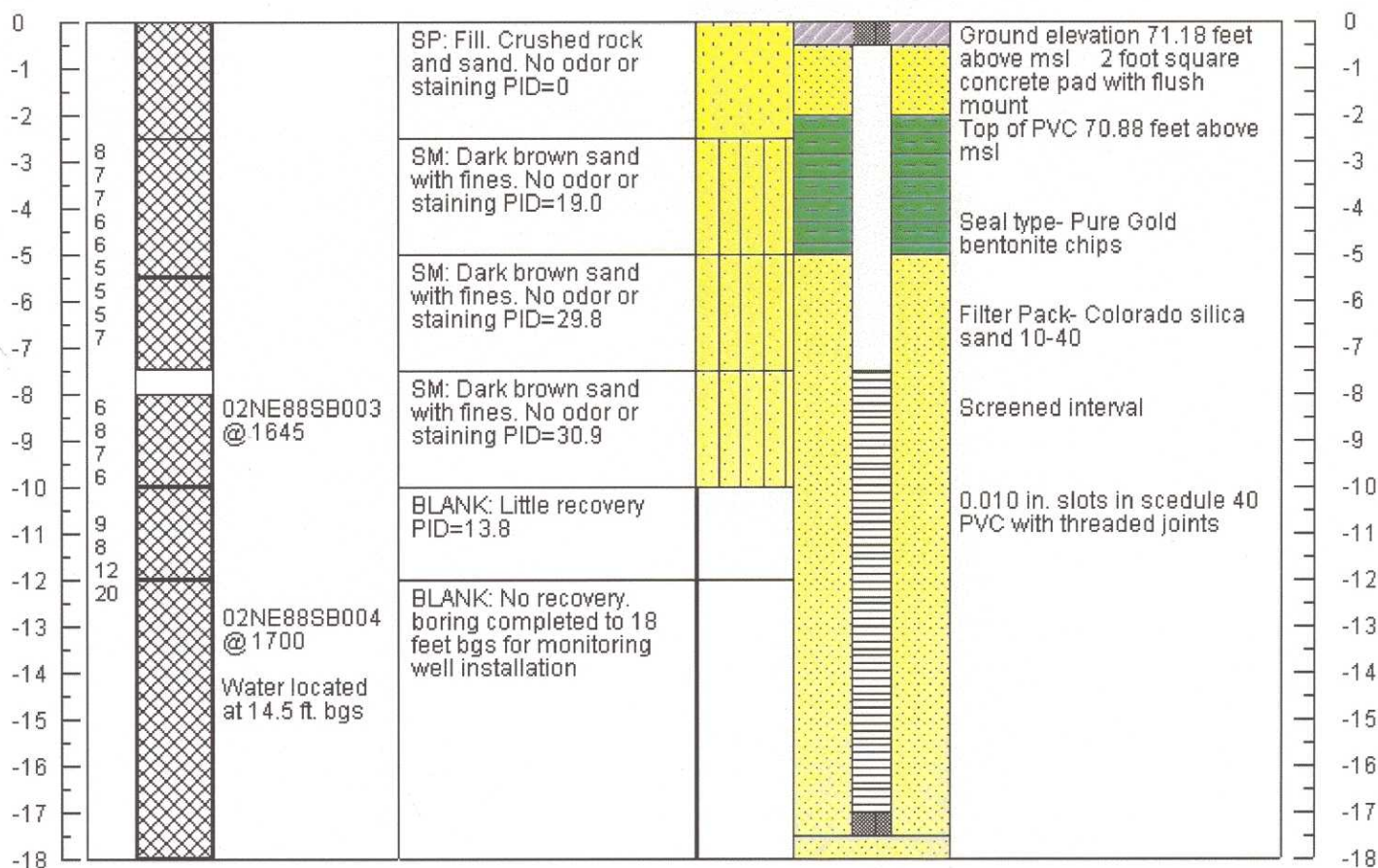
Sample Interval

Sample ID

Soil Class and Description

Soil Lithology

Well Construction Details



Boring # - MW 88-3

Project- NEC Phase III RI Client- USACE

Date- 8/15/02

Boring Size- 8.25 in

AK State Plane Coordinates- 96458.3585 / 98169.9401

Drilling Method- Hollow Stem Augur

Northing / Easting

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs

Total Depth- 20 ft.

Elevation Datum- MSL

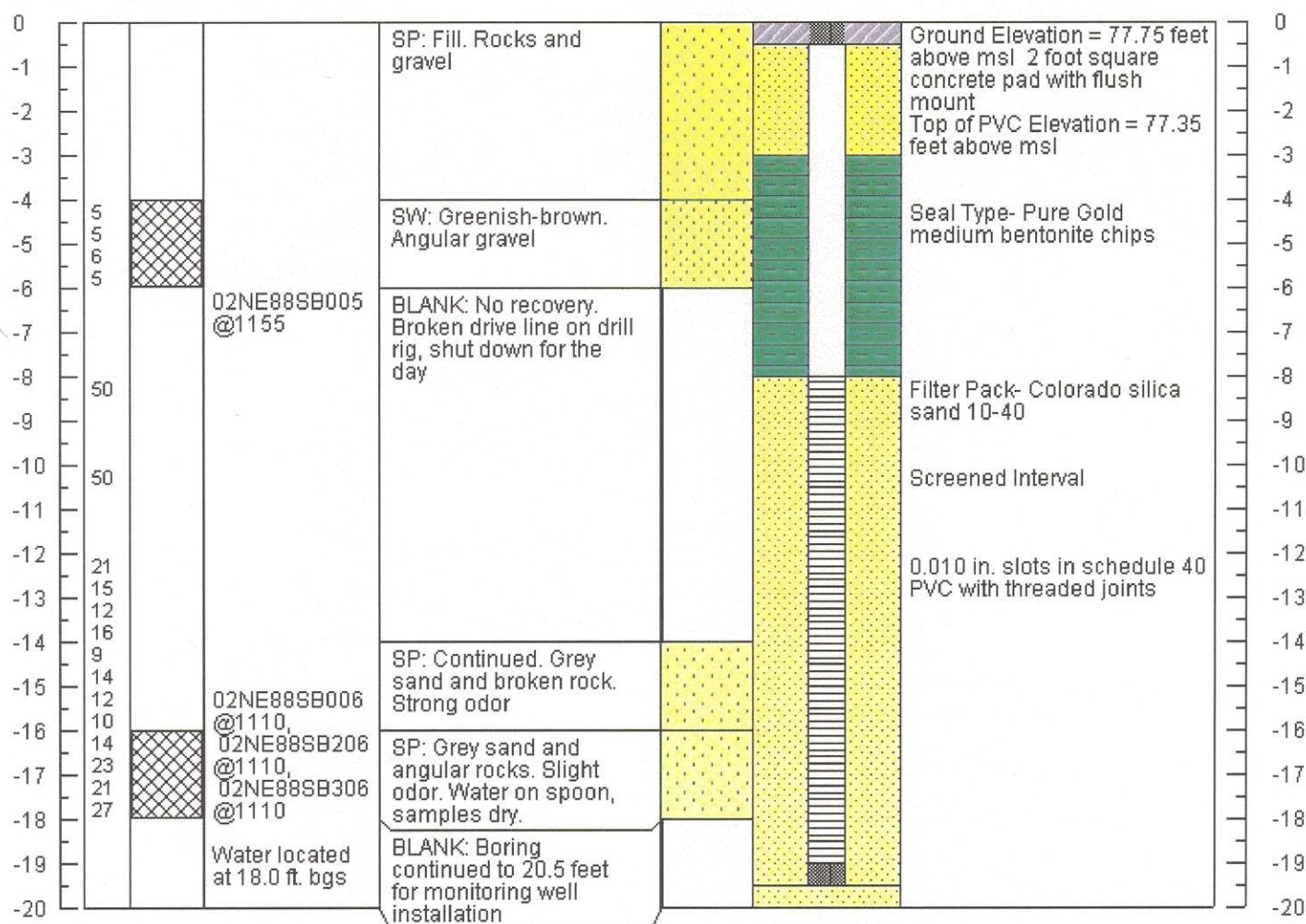
Sample Type- Grab

Sampler Type- 2.5 in SS

Geologist- O'Connell

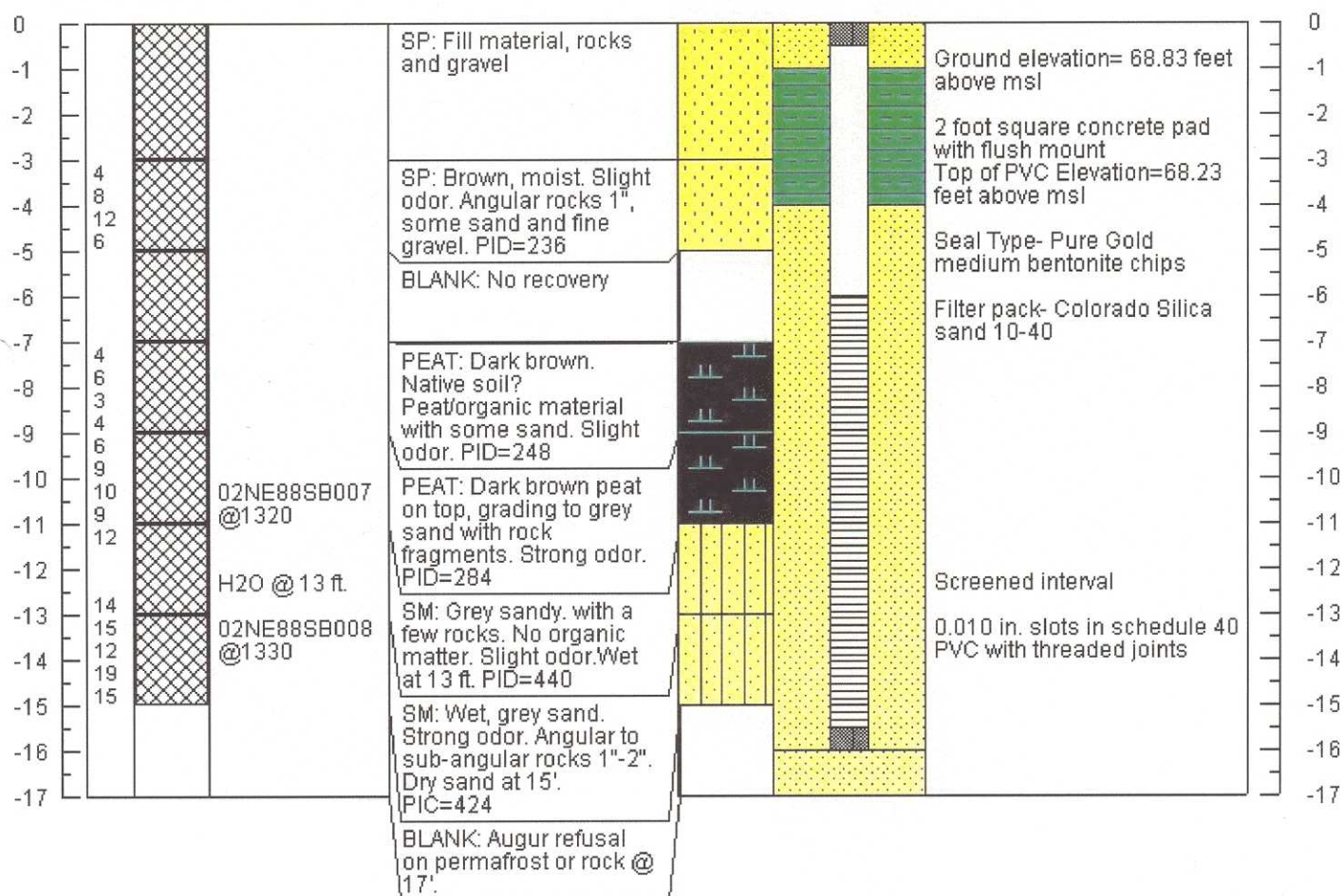
Top of Hole Elev.-77.75 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



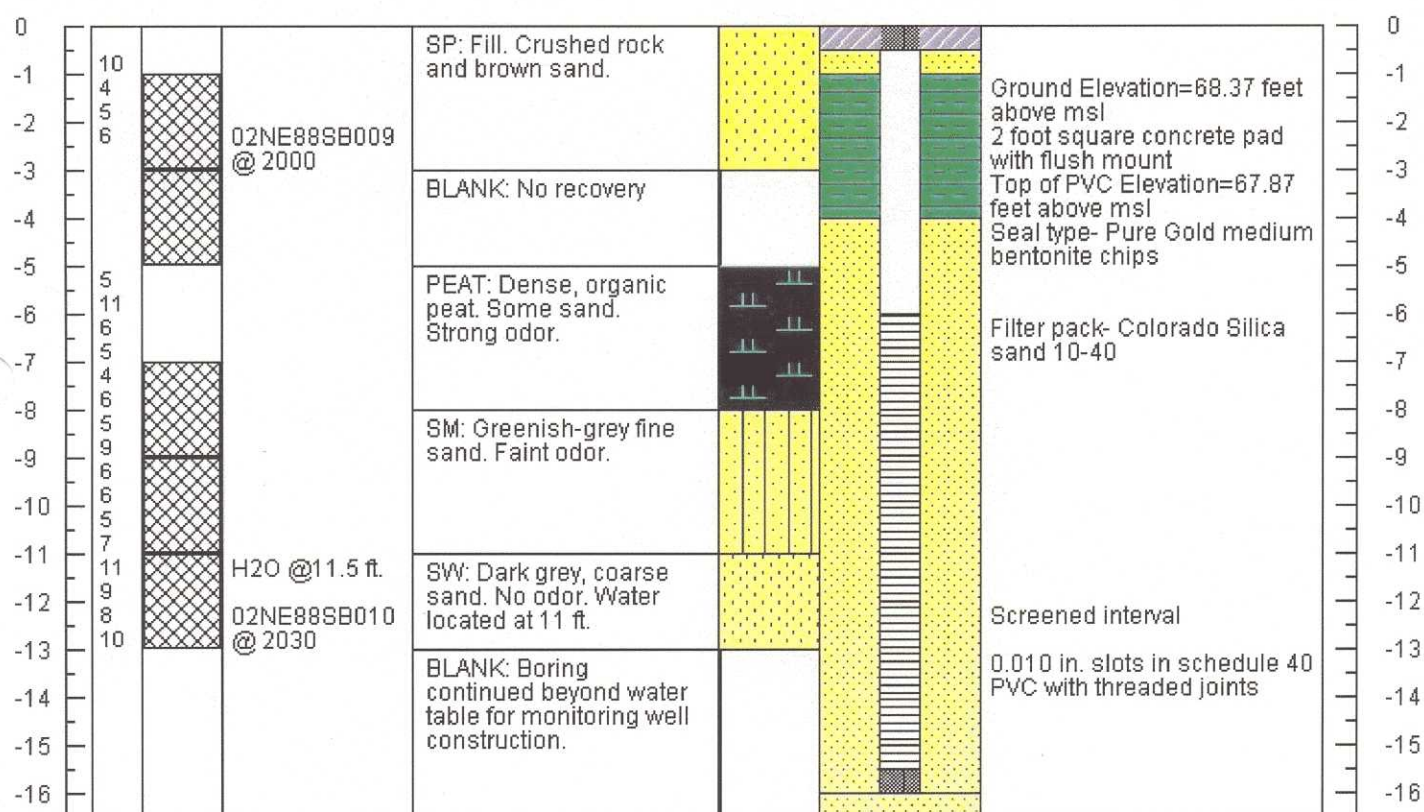
Boring #- MW 88-4	Project- NEC Phase III RI	Client- USACE	Date- 8/14/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96331.1320 / 98365.8078		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 17 ft.	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.- 68.63 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



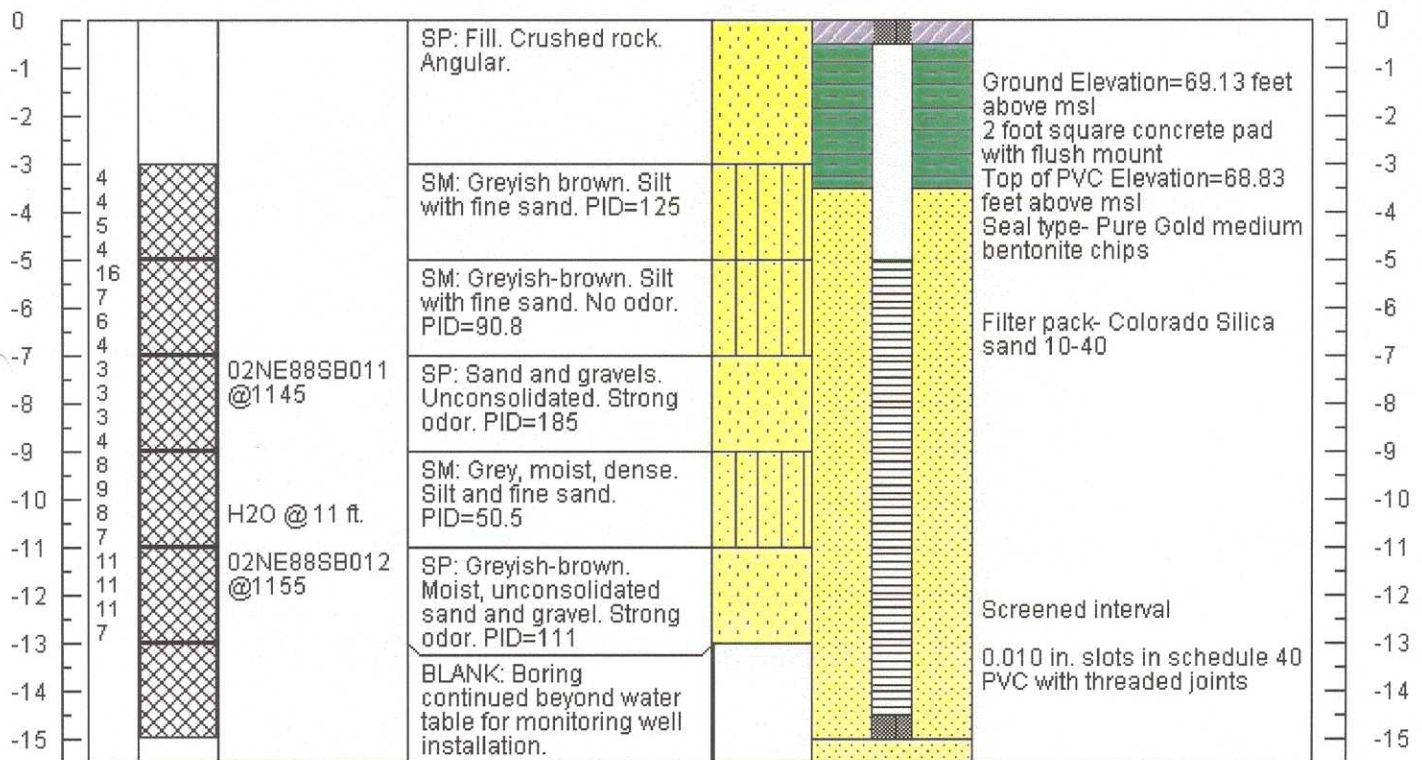
Boring # - MW 88-5	Project- NEC Phase III RI	Client- USACE	Date- 8/17/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96216.7210 / 98292.1088		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 16.5 ft.	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.-68.37 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



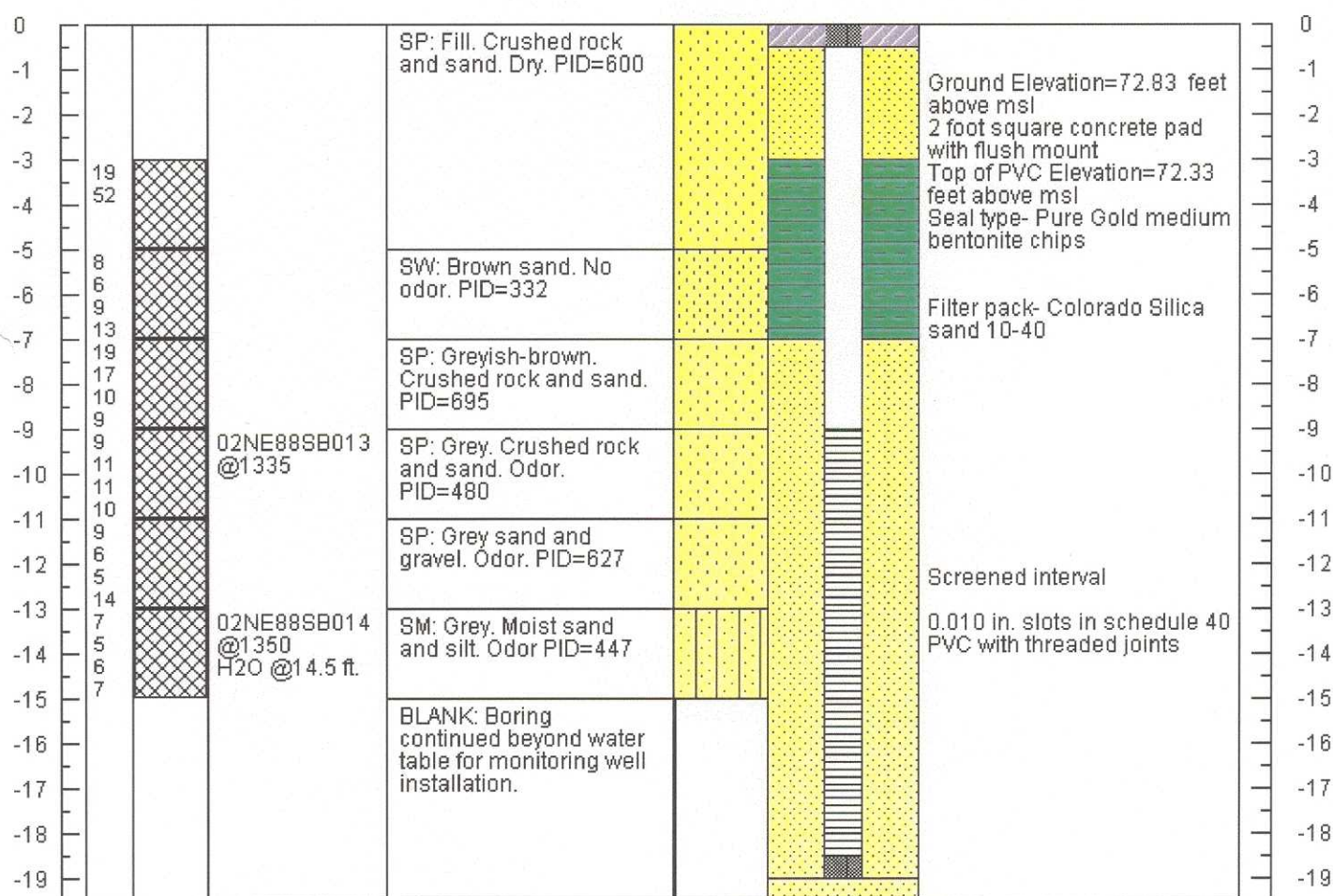
Boring # - MW 88-6	Project- NEC Phase III RI	Client- USACE	Date- 8/18/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96140.494 / 98271.8042		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 15.5 ft.	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.-69.13 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



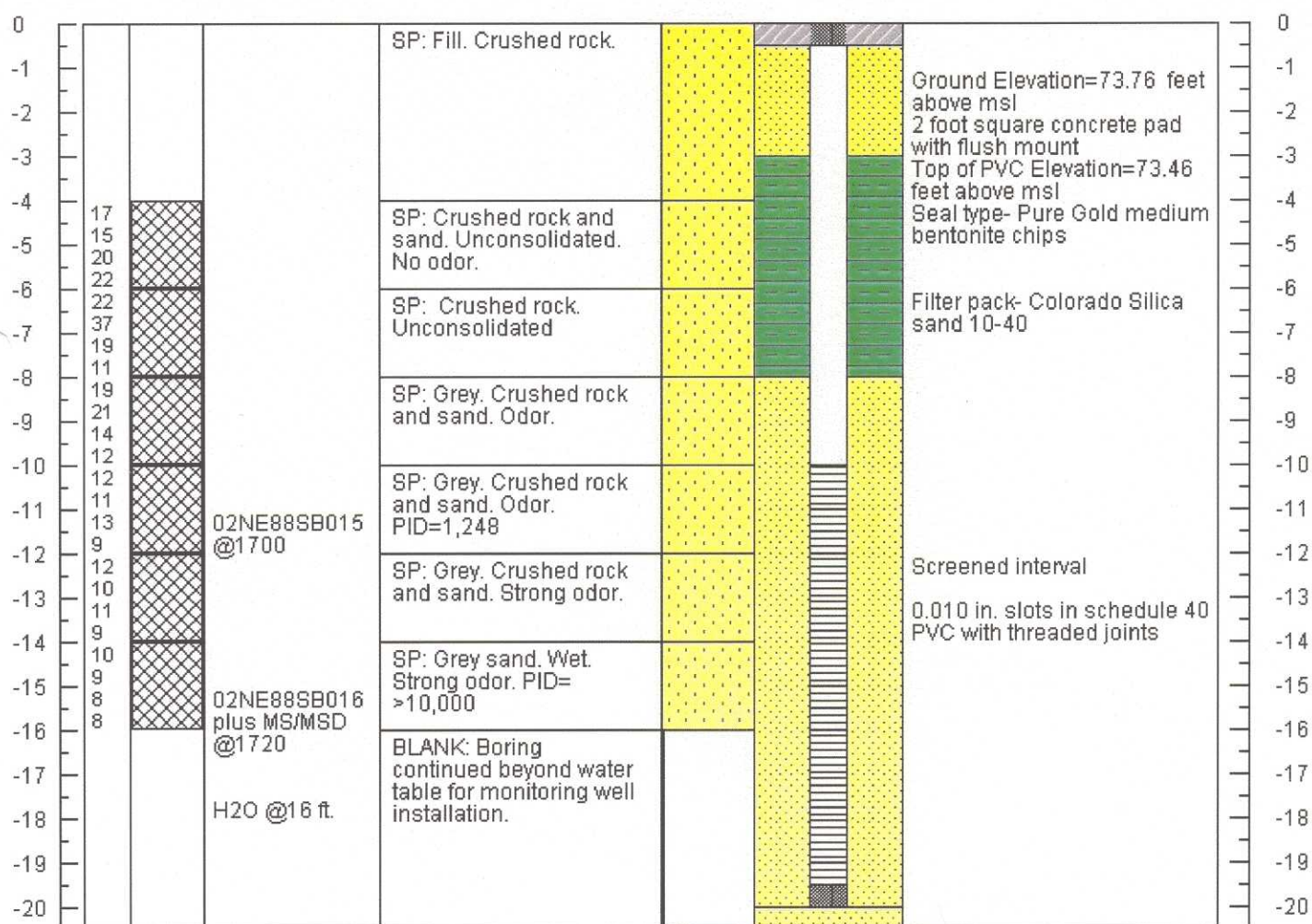
Boring # - MW 88-7	Project- NEC Phase III RI	Client- USACE	Date- 8/18/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96033.1581 / 98271.2457		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 19.5 ft.	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.- 72.83 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



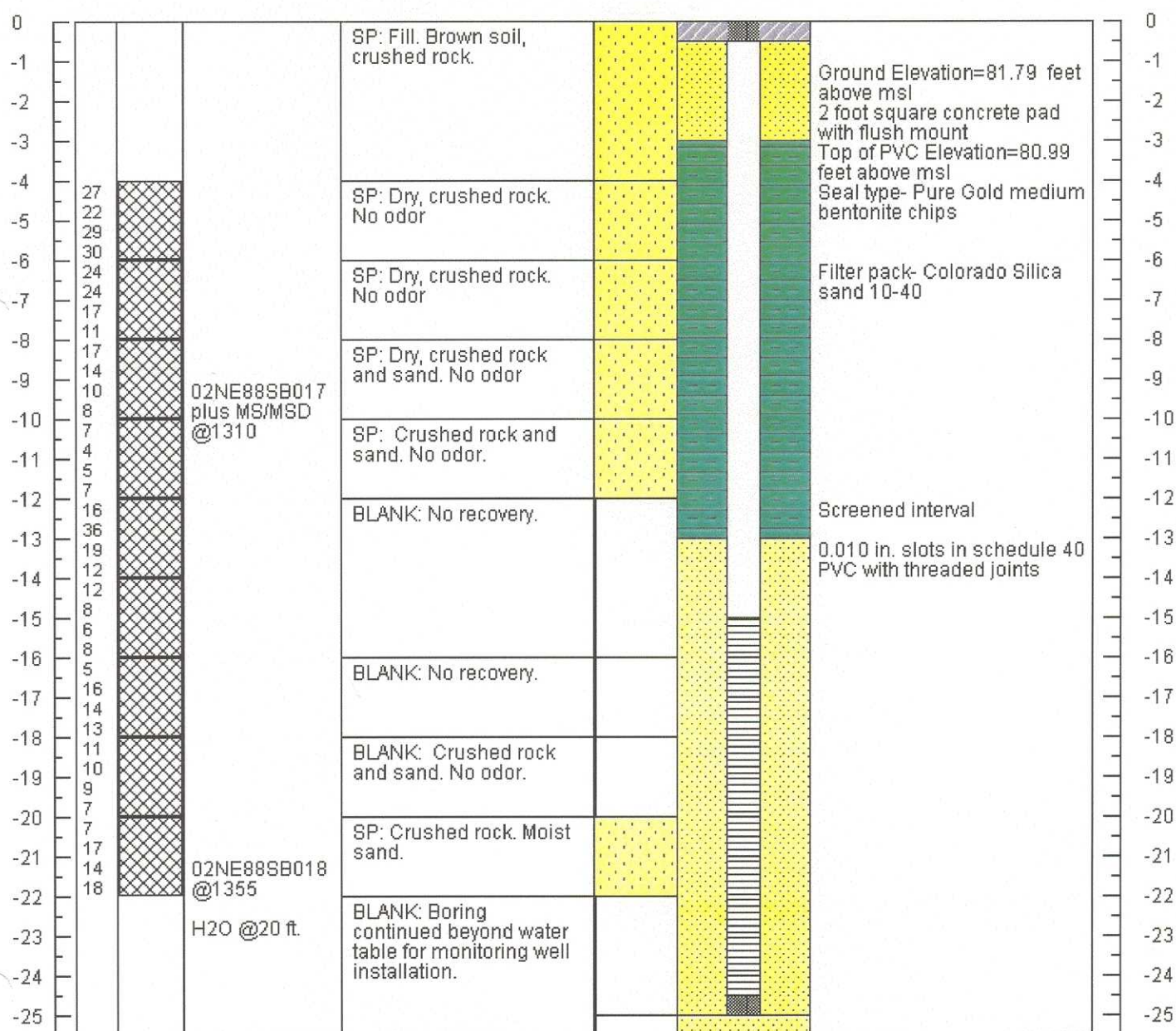
Boring # - MW 88-8	Project- NEC Phase III RI	Client- USACE	Date- 8/18/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96083.4849 / 98185.9420		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 20.5 ft.	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.- 73.76 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



Boring # - MW 88-9	Project- NEC Phase III RI	Client- USACE	Date- 8/19/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96154.1887 / 98.44.5023		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 25 ft.	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.-81.79 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



Boring # - MW 88-10

Project- NEC Phase III RI Client- USACE

Date- 8/19/02

Boring Size- 8.25 in

AK State Plane Coordinates- 96293.0099 / 97970.2989

Drilling Method- Hollow Stem Augur

Northing / Easting

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs

Total Depth- 27.5 ft.

Elevation Datum- MSL

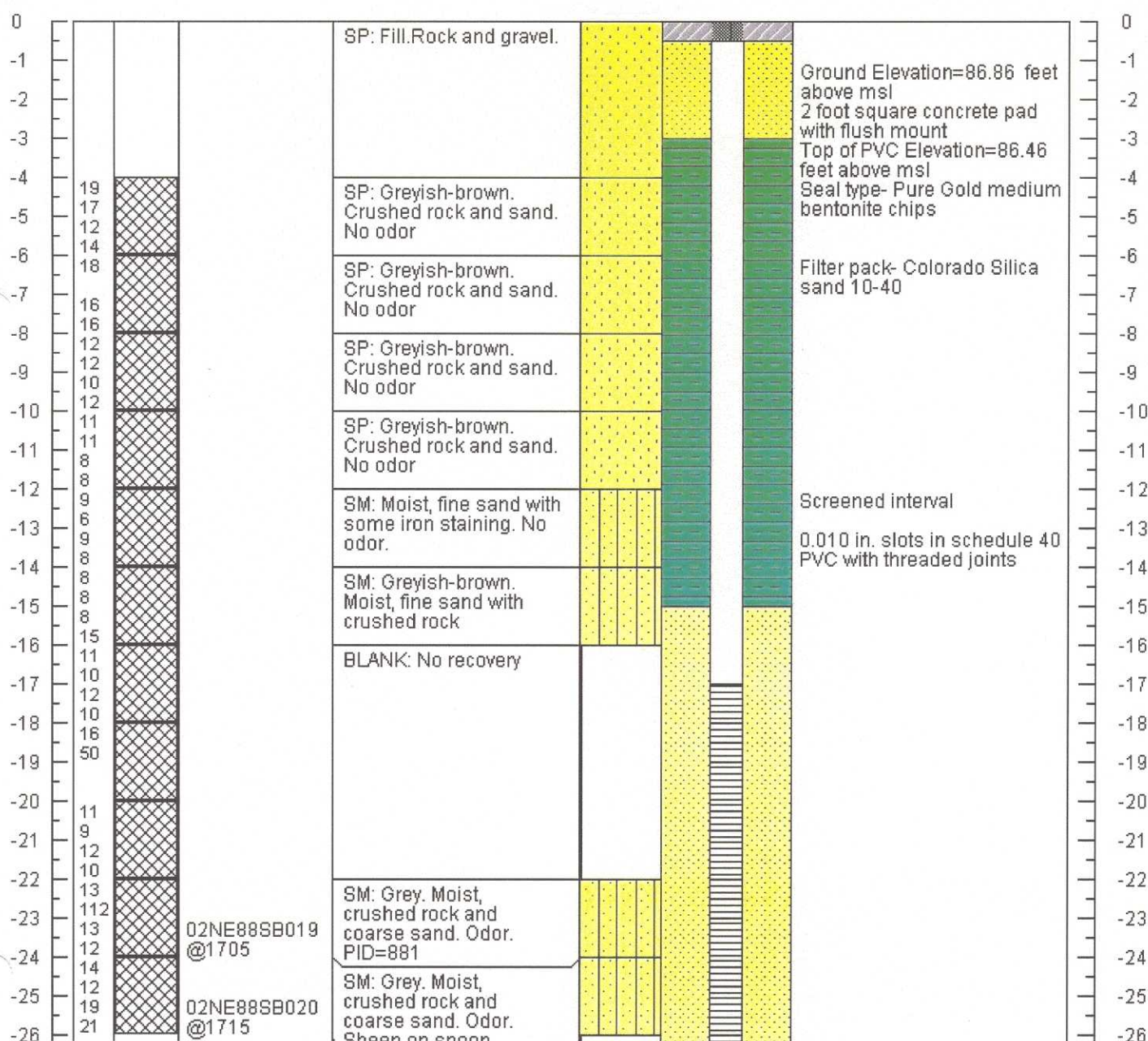
Sample Type- Grab

Sampler Type- 2.5 in SS

Geologist- O'Connell

Top of Hole Elev.-86.86 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



Boring # - SB 88-11	Project- NEC Phase III RI	Client- USACE	Date- 8/17/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96241.8412 / 98320.2355		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 14 ft.	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.- 66.84 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------

0			SP: Rock and gravel fill.			0
-1						-1
-2						-2
-3	4					-3
-4	6		PEAT: Dark brown peat.			-4
-5	6	02NE88SB021	Frozen, very hard.			-5
-6	4	@1820	Slight odor.			-6
-7	4		PEAT: Dark brown peat.			-7
-8	9		Frozen, very hard.			-8
-9	9		Slight odor.			-9
-10	10		BLANK: No recovery.			-10
-11	24					-11
-12	21	02NE88SB022	SM: Grey. Fine grained			-12
-13	15	@1840	sand. Frozen with ice			-13
-14	21		crystals.			-14
	10		SM: Greyish-brown. Fine			
	19	No H2O, frozen	grained sand. Frozen			
	25	to bottom	with ice crystals.			
	27		SM: Greyish-brown. Fine			
	13		grained sand. Frozen			
	17		with ice crystals.			
	11					
	11					

Boring # - SB 88-12

Project- NEC Phase III RI Client- USACE

Date- 8/20/02

Boring Size- 8.25 in

AK State Plane Coordinates- 96398.0750 / 98329.8776

Drilling Method- Hollow Stem Augur

Northing / Easting

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs

Total Depth- 14 ft.

Elevation Datum- MSL

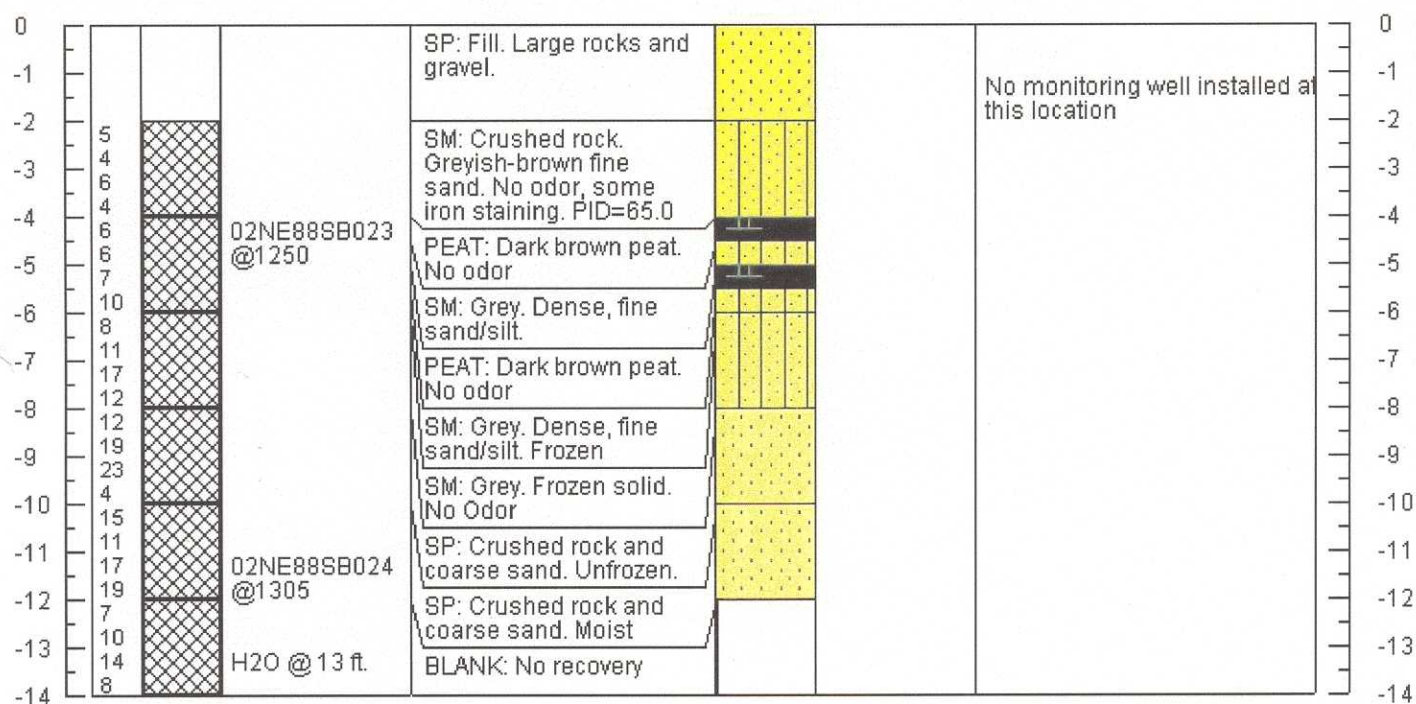
Sample Type- Grab

Sampler Type- 2.5 in SS

Geologist- O'Connell

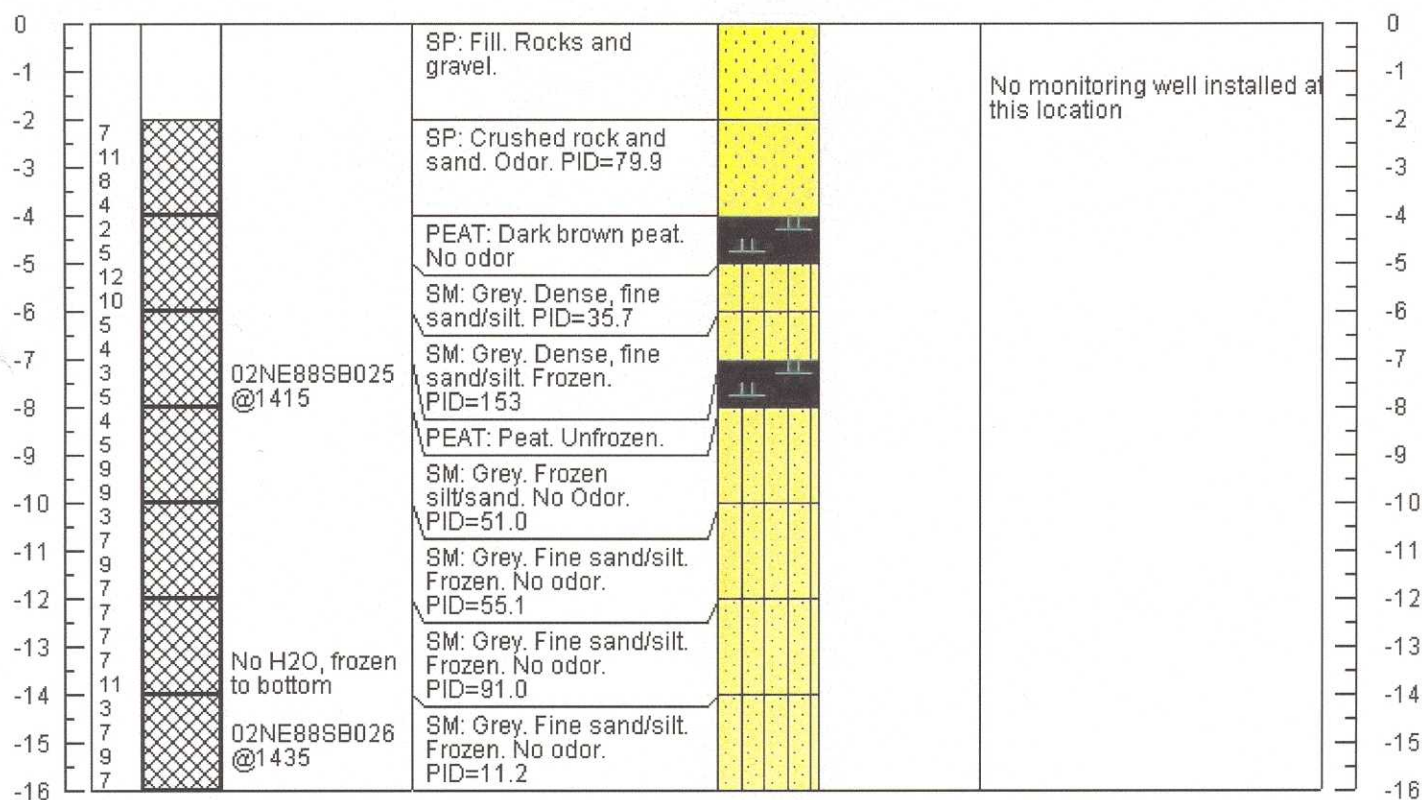
Top of Hole Elev.-69.71 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



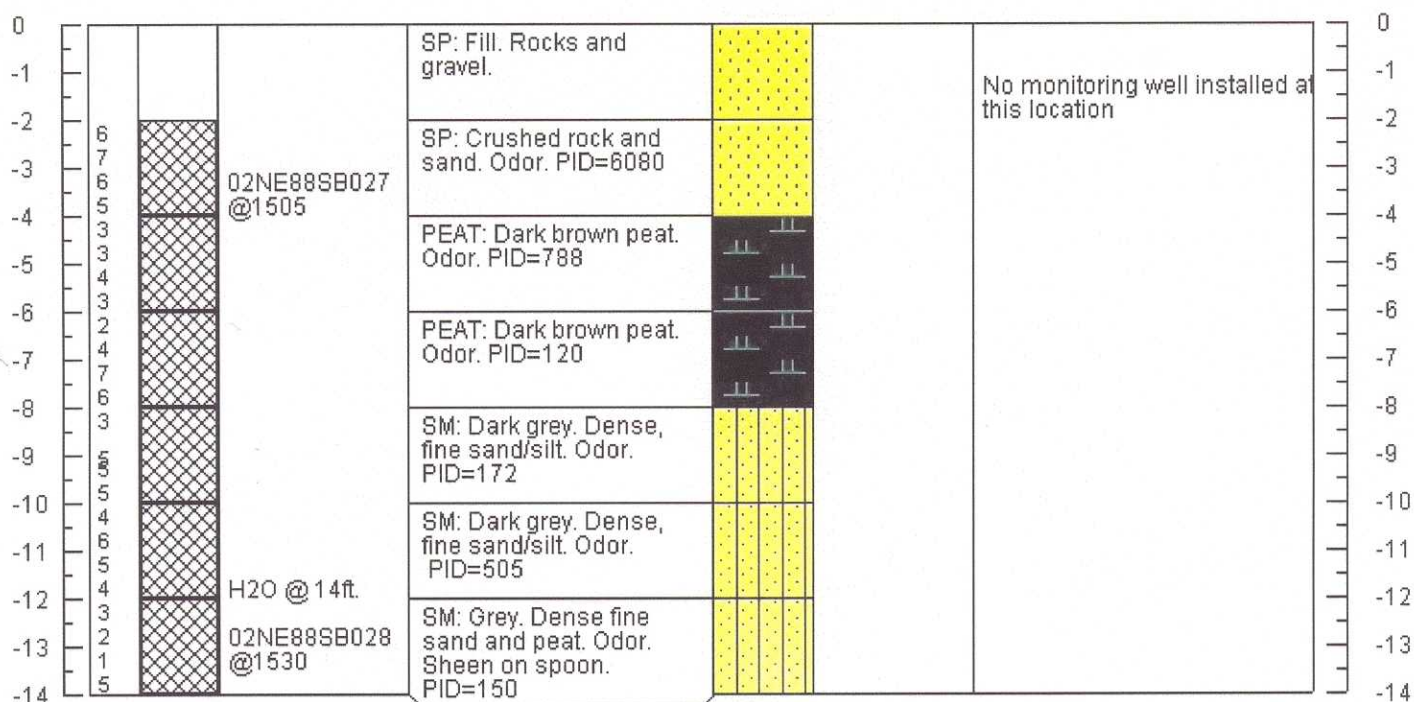
Boring # - SB 88-13	Project- NEC Phase III RI	Client- USACE	Date- 8/20/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96341.1182 / 98303.2553		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 16 ft.	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.- 69.51 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



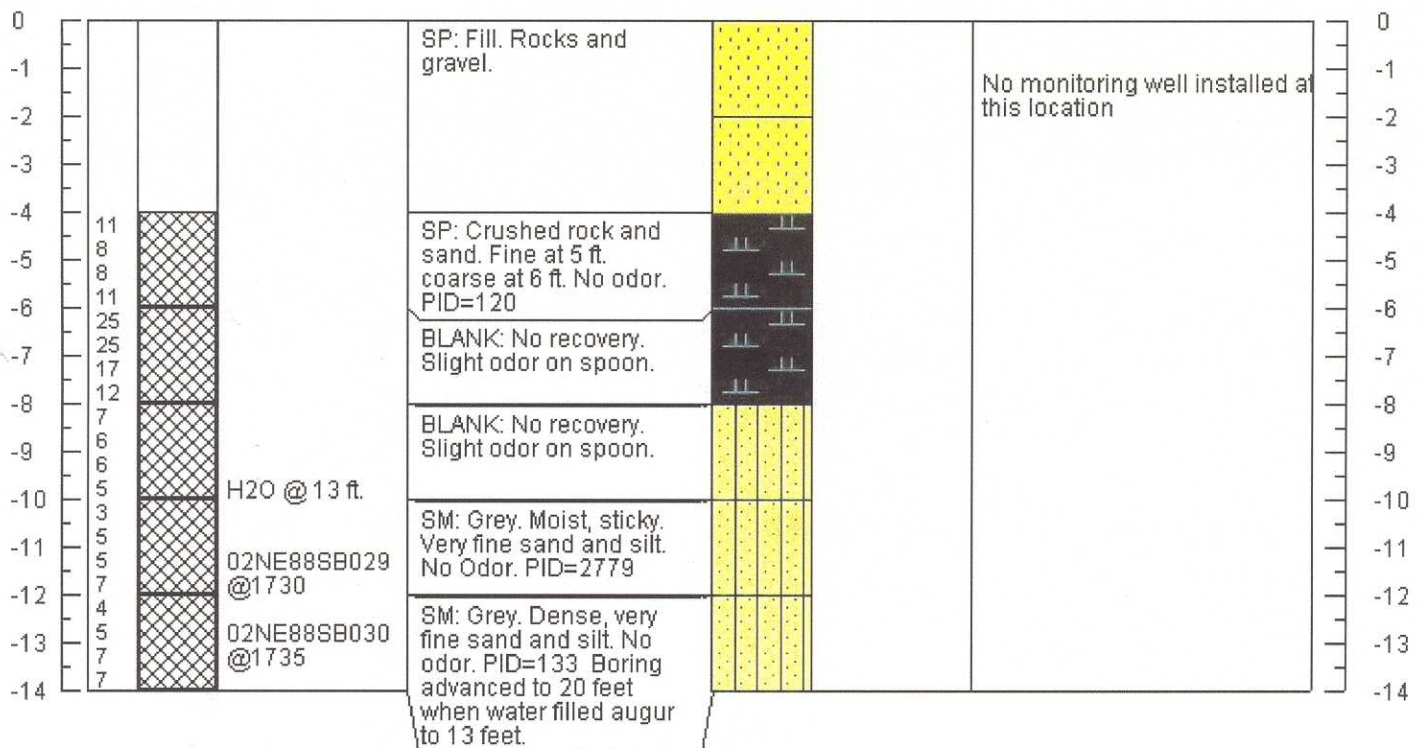
Boring #- SB 88-14	Project- NEC Phase III RI	Client- USACE	Date- 8/20/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96251.2105 / 98292.8032		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 14 ft.	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.-67.11 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



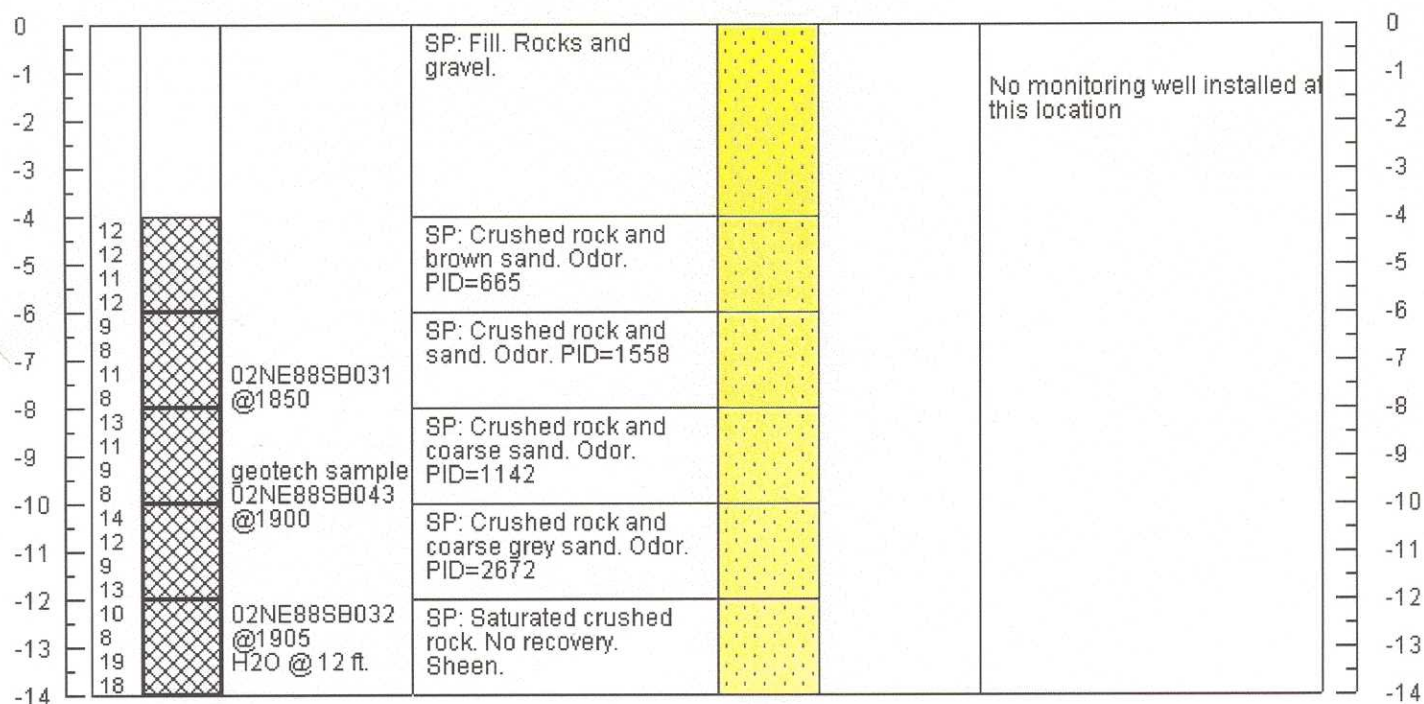
Boring # - SB 88-15	Project- NEC Phase III RI	Client- USACE	Date- 8/20/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96253.7345 / 98224.4465		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 14 ft.	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.- 71.21 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



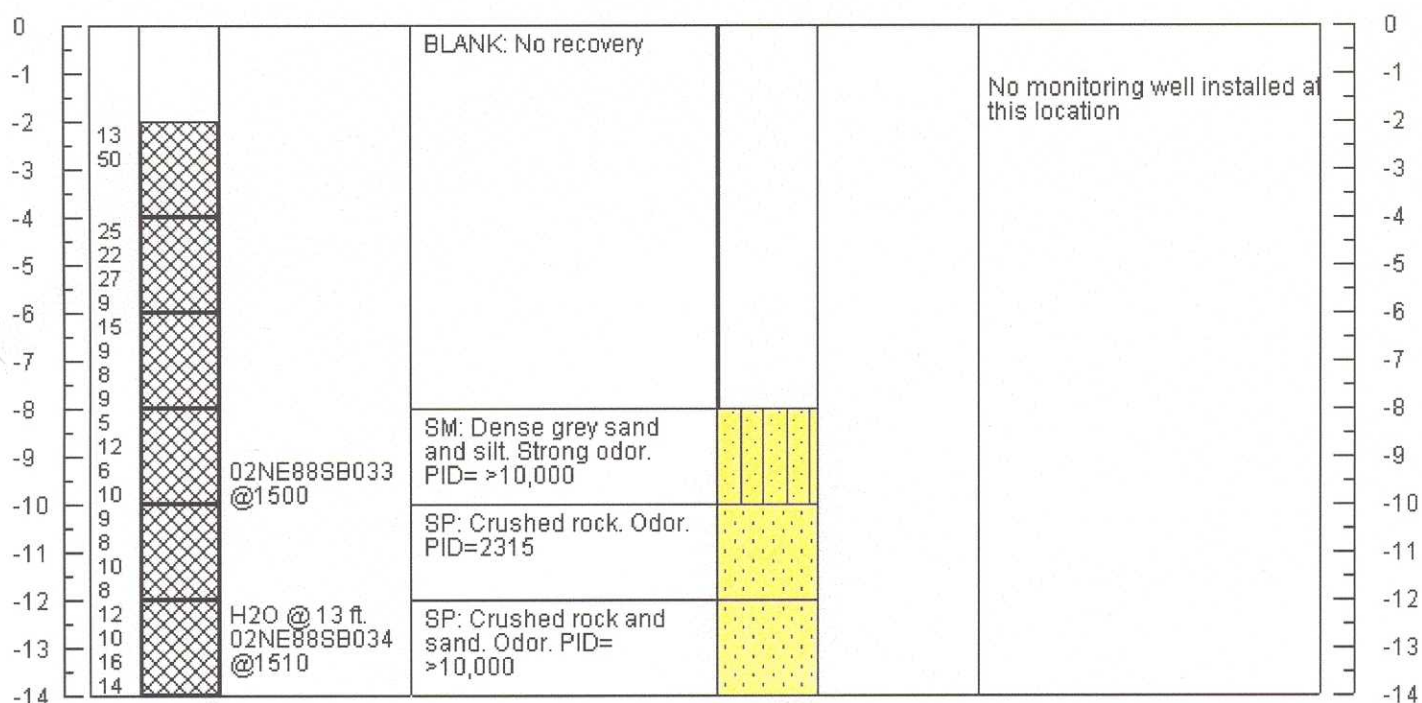
Boring # - SB 88-16	Project- NEC Phase III RI	Client- USACE	Date- 8/20/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96260.0342 / 98182.7094		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 14.0 ft.	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.- 72.95 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



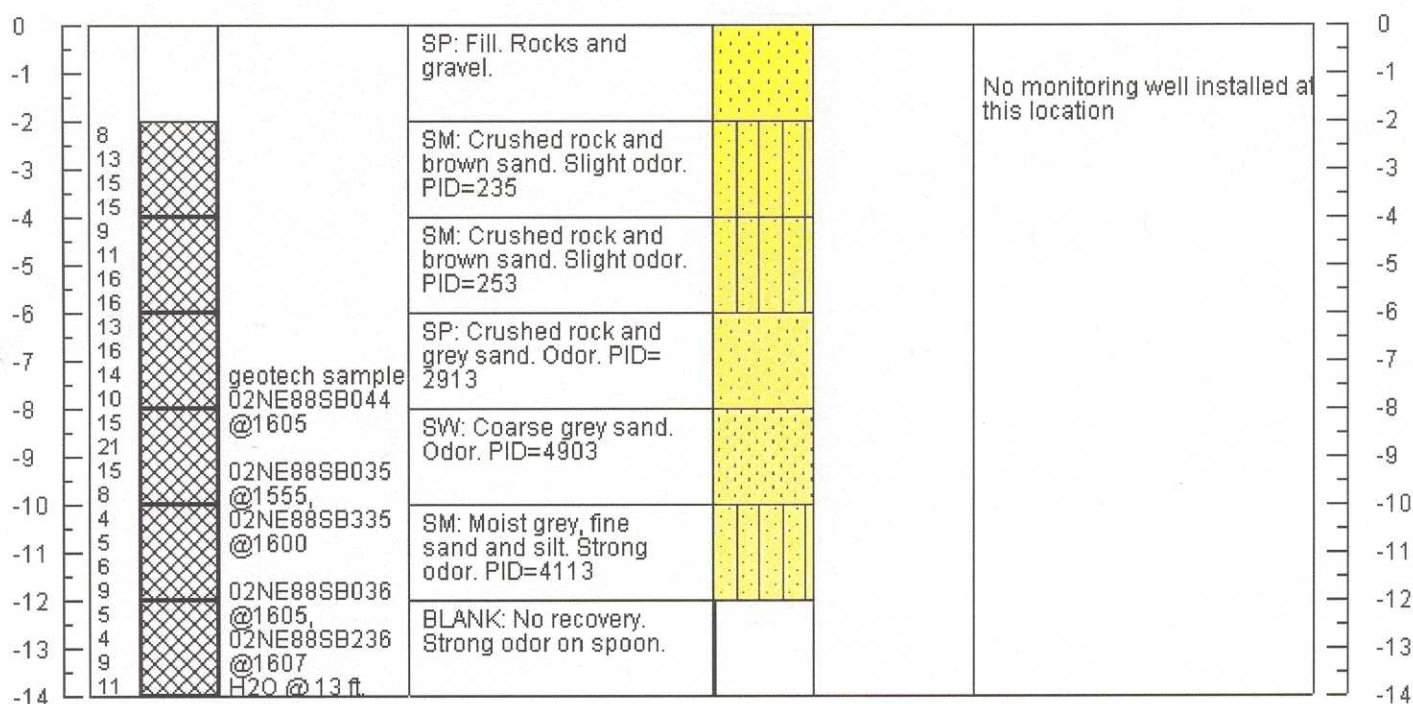
Boring # - SB 88-17	Project- NEC Phase III RI	Client- USACE	Date- 8/21/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96171.5812 / 98270.0480		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 14 ft.	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.- 69.65 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



Boring # - SB 88-18	Project- NEC Phase III RI	Client- USACE	Date- 8/21/02
Boring Size- 8.25 in	AK State Plane Coordinates- 96070.5355 / 98228.2467		
Drilling Method- Hollow Stem Augur	Northing / Easting		
Rig Type- 45-C			
Hammer Drop- 30 in / 360 lbs	Total Depth- 14 ft.	Elevation Datum- MSL	
Sample Type- Grab	Sampler Type- 2.5 in SS	Geologist- O'Connell	Top of Hole Elev.- 71.93 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------



Boring #- SB 22-1 (SB 88-20)

Project- NEC Phase III RI Client- USACE

Date- 8/20/02

Boring Size- 8.25 in

AK State Plane Coordinates- 96233.7486 / 97685.3823

Drilling Method- Hollow Stem Augur

Northing / Easting

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs

Total Depth- 36 ft.

Elevation Datum- MSL

Sample Type- Grab

Sampler Type- 2.5 in SS

Geologist- O'Connell

Top of Hole Elev.-98.14 ft.

Blows

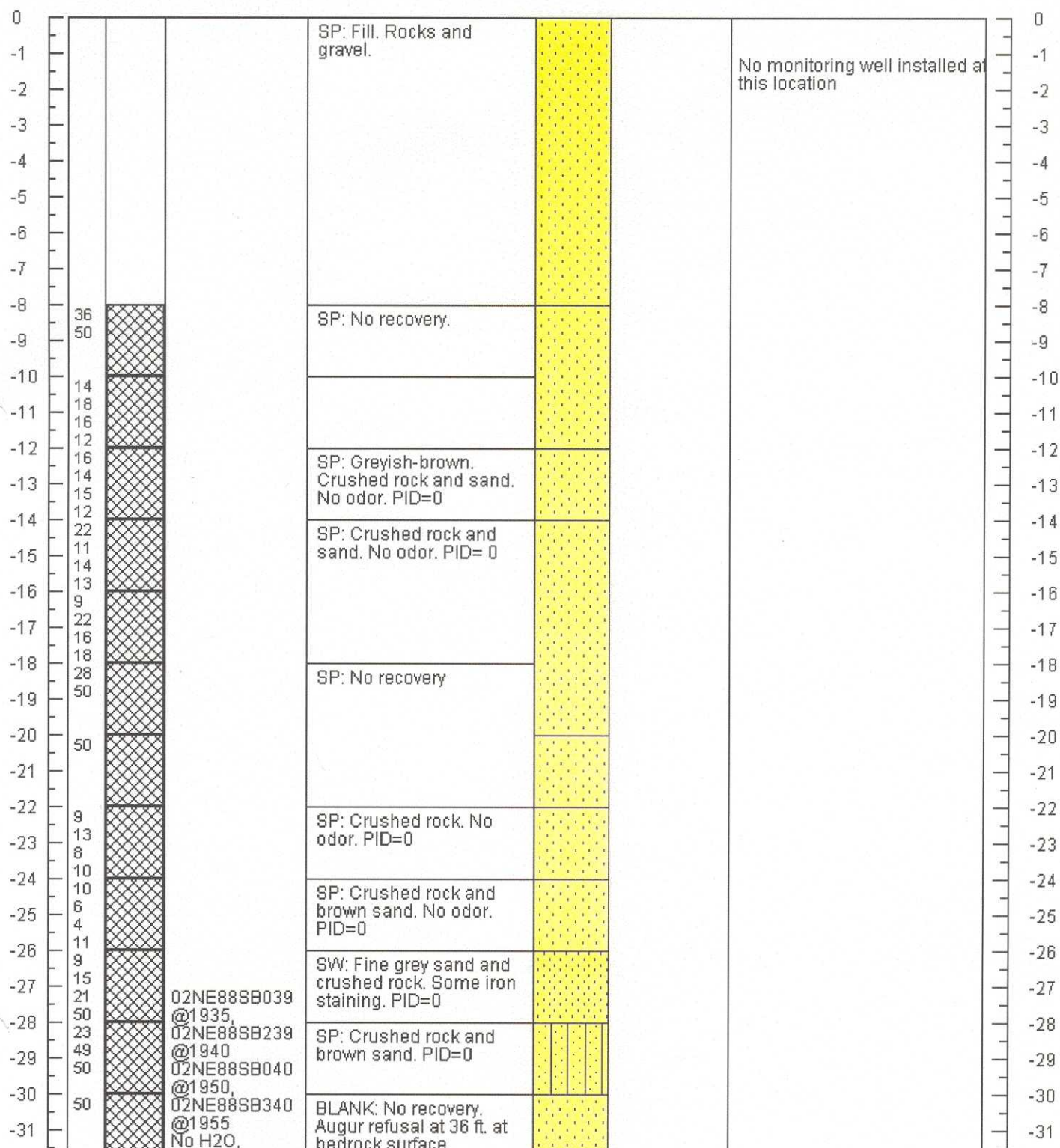
Sample Interval

Sample ID

Soil Class and Description

Soil Lithology

Well Construction Details



Boring # - SB 22-1 (SB 88-20)

Project- NEC Phase III RI

Client- USACE

Date- 8/20/02

Boring Size- 8.25 in

AK State Plane Coordinates- 96233.7486 / 97685.3823

Drilling Method- Hollow Stem Augur

Northing / Easting

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs

Total Depth- 36 ft.

Elevation Datum- MSL

Sample Type- Grab

Sampler Type- 2.5 in SS

Geologist- O'Connell

Top of Hole Elev.-98.14 ft.

Blows

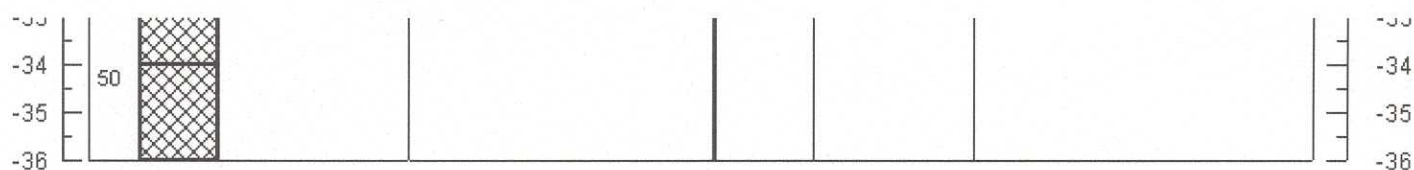
Sample Interval

Sample ID

Soil Class and Description

Soil Lithology

Well Construction Details



Boring # - SB 22-2 (SB 88-19)

Project- NEC Phase III RI Client- USACE

Date- 8/22/02

Boring Size- 8.25 in

AK State Plane Coordinates- 96206.4925 / 97683.0309

Drilling Method- Hollow Stem Augur

Northing / Easting

Rig Type- 45-C

Hammer Drop- 30 in / 360 lbs

Total Depth- 32 ft

Elevation Datum- MSL

Sample Type- Grab

Sampler Type- 2.5 in SS

Geologist- O'Connell

Top of Hole Elev.-97.75 ft.

Blows	Sample Interval	Sample ID	Soil Class and Description	Soil Lithology	Well Construction Details
-------	-----------------	-----------	----------------------------	----------------	---------------------------

0			SP: Fill. Rocks and gravel.			0
-1					No monitoring well installed at this location	-1
-2						-2
-3						-3
-4						-4
-5						-5
-6						-6
-7						-7
-8	10		SP: Brownish-grey. Crushed rock and sand. No odor. PID=0			-8
-9	21					-9
-10	18					-10
-11	41					-11
-12	38					-12
-13	23		SP: Crushed rock and coarse grey sand. Wet. No odor. PID=0			-13
-14	17					-14
-15	14		SP: Crushed rock and coarse sand. No odor. PID= 0			-15
-16	46					-16
-17	16					-17
-18	47					-18
-19	28					-19
-20	12					-20
-21	14					-21
-22	13					-22
-23	19					-23
-24	13					-24
-25	15					-25
-26	15					-26
-27	10					-27
-28	11					-28
-29	11					-29
-30	13					-30
-31	15					-31
-32	18					-32
-33	26		SP: Crushed rock and brown sand. No odor. PID=0			-33
-34	14					-34
-35	15					-35
-36	10		SP: No recovery.			-36
-37	12					-37
-38	11					-38
-39	29					-39
-40	26		SP: Crushed rock. No odor. PID=0			-40
-41	11					-41
-42	6					-42
-43	6					-43
-44	3					-44
-45	5		SW: Fine brown sand grading to dense grey, fine sand/silt. PID=0			-45
-46	5					-46
-47	10	02NE88SB037 @400,				-47
-48	10	02NE88SB237 @1405	SM: Moist grey sand/silt grading to crushed rock. PID=0			-48
-49	13	02NE88SB038 @1410,				-49
-50	23	02NE88SB338 @1415				-50
-51	50		SP: Crushed rock and sand. PID=0. Augur			-51
-52	43					-52
-53	20					-53

APPENDIX B

*Sample Plan Checklist, Chain-of-Custody
Forms, and Lab Receipts*



MWH

NEC July sampling
Sampling Summary

Site No.	Site Description	Sample Location	Sample ID
	METHOD		
35			01NE35GW101
			01NE35GW102
			01NE35GW103
			01NE35GW104
	01NE35GW101	FD	01NE35GW201
	01NE35GW101	QA	01NE35GW301
			01NE35TB101
		TB	01NE35TB102
		QATB	01NE35TB302
	Total Primary Samples		Sampled to Date
	Field Duplicates		
	MS/MSD set		
Trip blanks			
Equipment blanks			
QA samples			
QA MS/MSD set			
QA Trip blank			

Natural Attenuation measurements include - field parameters: pH , temperature, oxidation reductio
 Geotechnical parameters include - moisture content ASTM D2216, Sieve Analysis ASTM D-422, C
 Water Quality Field parameters include - pH, conductivity, temperature, turbidity

Site No.	Site Description	Sample Location	Sample ID			Soil/Sediment					Surface Water	
						DRO/ RRO	PAHs	PCBs	Pb, Zn, Cr	TOC	DRO/ RRO	PCBs
	METHOD			DATE	TIME	AK 102/ 103	SW 8270C SIM	SW 8082	SW 6010B	LAB METHOD	AK 102/ 103	SW 8082
28	Drainage Basin Area	Drainage Basin Surface Water										
		6 SW SAMPLES	01NE28SW111	18-Aug	1002						1	1
			01NE28SW112	18-Aug	1455						1	1
			01NE28SW113	18-Aug	1710						1	1
			01NE28SW114	19-Aug	1415						1	1
			01NE28SW115	19-Aug	1430						1	1
			01NE28SW116	20-Aug	1010						1	1
	01NE28SW111	FD	01NE28SW211	18-Aug	1010						FD	FD
	01NE28SW111	QA	01NE28SW311	18-Aug	1002						QA	QA
	01NE28SW111	MS/MSD	01NE28SW111	18-Aug	1002						MS	MS
	01NE28SW111	QA MS/MSD	01NE28SW311	18-Aug	1002						QAMS	QAMS
		Drainage Basin Soil/Sediment										
		1 CROSS SECTION I	01NE28SD111	18-Aug	1025	1	1	1	1	1		
		2 6 SD SAMPLES	01NE28SD112	18-Aug	1040	1	1	1	1	1		
		3 111-116	01NE28SD113	18-Aug	1045	1	1	1	1	1		
		4	01NE28SD114	18-Aug	1050	1	1	1	1	1		
		5	01NE28SD115	18-Aug	1055	1	1	1	1	1		
		6	01NE28SD116	18-Aug	1100	1	1	1	1	1		
	01NE28SD111	FD	01NE28SD211	18-Aug	1030	FD	FD	FD	FD			
	01NE28SD111	QA	01NE28SD311	18-Aug	1025	QA	QA	QA	QA			
	01NE28SD111	MS/MSD	01NE28SD111	18-Aug	1025	MS	MS	MS	MS			
	01NE28SD111	QA MS/MSD	01NE28SD311	18-Aug	1025	QAMS	QAMS	QAMS	QAMS			
	01NE28SD111	USACE split	01NE28SD411	18-Aug	1025							
		1 CROSS SECTION 2	01NE28SD117	18-Aug	1325	1	1	1	1	1		
		2 6 SD SAMPLES	01NE28SD118	18-Aug	1335	1	1	1	1	1		
		3 117-122	01NE28SD119	18-Aug	1340	1	1	1	1	1		
		4	01NE28SD120	18-Aug	1345	1	1	1	1	1		
		5	01NE28SD121	18-Aug	1350	1	1	1	1	1		
		6	01NE28SD122	18-Aug	1355	1	1	1	1	1		
		1 CROSS SECTION 3	01NE28SD123	18-Aug	1510	1	1	1	1	1		
		2 6 SD SAMPLES	01NE28SD124	18-Aug	1520	1	1	1	1	1		
		3 123-128	01NE28SD125	18-Aug	1525	1	1	1	1	1		
		4	01NE28SD126	18-Aug	1540	1	1	1	1	1		
		5	01NE28SD127	18-Aug	1545	1	1	1	1	1		
		6	01NE28SD128	18-Aug	1550	1	1	1	1	1		
	01NE28SD125	FD	01NE28SD225	18-Aug	1530	FD	FD	FD	FD			
	01NE28SD125	QA	01NE28SD325	18-Aug	1525	QA	QA	QA	QA			
	01NE28SD125	MS/MSD	01NE28SD125	18-Aug	1525	MS	MS	MS	MS			
	01NE28SD125	USACE split	01NE28SD425	18-Aug	1525							
		1 CROSS SECTION 4	01NE28SD129	18-Aug	1610	1	1	1	1	1		
		2 6 SD SAMPLES	01NE28SD130	18-Aug	1615	1	1	1	1	1		
		3 129-134	01NE28SD131	18-Aug	1620	1	1	1	1	1		
		4	01NE28SD132	18-Aug	1625	1	1	1	1	1		
		5	01NE28SD133	18-Aug	1630	1	1	1	1	1		
		6	01NE28SD134	18-Aug	1635	1	1	1	1	1		
		1 CROSS SECTION 5	01NE28SD135	19-Aug	1000	1	1	1	1	1		
		2 6 SD SAMPLES	01NE28SD136	19-Aug	1010	1	1	1	1	1		
		3 135-140	01NE28SD137	19-Aug	1015	1	1	1	1	1		
		4	01NE28SD138	19-Aug	1025	1	1	1	1	1		
		5	01NE28SD139	19-Aug	1035	1	1	1	1	1		
		6	01NE28SD140	19-Aug	1100	1	1	1	1	1		
	01NE28SD139	FD	01NE28SD239	19-Aug	1040	FD	FD	FD	FD			
	01NE28SD139	QA	01NE28SD339	19-Aug	1035	QA	QA	QA	QA			
	01NE28SD139	MS/MSD	01NE28SD139	19-Aug	1035	MS	MS	MS	MS			
		1 CROSS SECTION 6	01NE28SD141	19-Aug	1310	1	1	1	1	1		
		2 6 SD SAMPLES	01NE28SD142	19-Aug	1315	1	1	1	1	1		
		3 141-146	01NE28SD143	19-Aug	1325	1	1	1	1	1		
		4	01NE28SD144	19-Aug	1335	1	1	1	1	1		
		5	01NE28SD145	19-Aug	1345	1	1	1	1	1		
		6	01NE28SD146	19-Aug	1355	1	1	1	1	1		
		1 CROSS SECTION 7	01NE28SD147	19-Aug	1455	1	1	1	1	1		
		2 6 SD SAMPLES	01NE28SD148	19-Aug	1505	1	1	1	1	1		
		3 147-152	01NE28SD149	19-Aug	1510	1	1	1	1	1		
		4	01NE28SD150	19-Aug	1520	1	1	1	1	1		
		5	01NE28SD151	19-Aug	1530	1	1	1	1	1		
		6	01NE28SD152	19-Aug	1545	1	1	1	1	1		
	01NE28SD151	FD	01NE28SD251	19-Aug	1535	FD	FD	FD	FD			
	01NE28SD151	QA	01NE28SD351	19-Aug	1530	QA	QA	QA	QA			
	01NE28SD151	MS/MSD	01NE28SD151	19-Aug	1530	MS	MS	MS	MS			
	01NE28SD151	USACE split	01NE28SD451	19-Aug	1530							
		1 CROSS SECTION 8	01NE28SD153	19-Aug	1610	1	1	1	1	1		
		2 6 SD SAMPLES	01NE28SD154	19-Aug	1620	1	1	1	1	1		
		3 153-158	01NE28SD155	19-Aug	1625	1	1	1	1	1		
		4	01NE28SD156	19-Aug	1630	1	1	1	1	1		
		5	01NE28SD157	19-Aug	1635	1	1	1	1	1		
		6	01NE28SD158	19-Aug	1645	1	1	1	1	1		
	01NE28SD153	FD	01NE28SD253	19-Aug	1615	FD	FD	FD	FD			
	01NE28SD153	QA	01NE28SD353	19-Aug	1610	QA	QA	QA	QA			
	01NE28SD157	FD	01NE28SD257	19-Aug	1640	FD	FD	FD	FD			
	01NE28SD157	QA	01NE28SD357	19-Aug	1635	QA	QA	QA	QA			
		1 CROSS SECTION 9	01NE28SD159	20-Aug	1355	1	1	1	1	1		
		2 6 SD SAMPLES	01NE28SD160	20-Aug	1405	1	1	1	1	1		
		3 159-164	01NE28SD161	20-Aug	1410	1	1	1	1	1		
		4 unable to sample	01NE28SD162			x	x	x	x	x		
		5	01NE28SD163	20-Aug	1430	1	1	1	1	1		
		6	01NE28SD164	20-Aug	1440	1	1	1	1	1		
	01NE28SD163	FD	01NE28SD263	20-Aug	1435	FD	FD	FD	FD			
	01NE28SD163	QA	01NE28SD363	20-Aug	1430	QA	QA	QA	QA			
	01NE28SD163	USACE split	01NE28SD463	20-Aug								

Site No.	Site Description	Sample Location	Sample ID	DATE	TIME	Soil/Sediment					Surface Water	
						DRO/ RRO	PAHs	PCBs	Pb, Zn, Cr	TOC	DRO/ RRO	PCBs
						AK 102/ 103	SW 8270C SIM	SW 8082	SW 6010B	LAB METHOD	AK 102/ 103	SW 8082
	METHOD	1 CROSS SECTION 10	01NE28SD165	20-Aug	1450	1	1	1	1	1		
		2 6 SD SAMPLES	01NE28SD166	20-Aug	1455	1	1	1	1	1		
		3 165-170	01NE28SD167	20-Aug	1505	1	1	1	1	1		
		4	01NE28SD168	20-Aug	1510	1	1	1	1	1		
		5	01NE28SD169	20-Aug	1515	1	1	1	1	1		
		6	01NE28SD170	20-Aug	1530	1	1	1	1	1		
		1 CROSS SECTION 11	01NE28SD171	20-Aug	1020	1	1	1	1	1		
		2 6 SD SAMPLES	01NE28SD172	20-Aug	1030	1	1	1	1	1		
		3 171-176	01NE28SD173	20-Aug	1035	1	1	1	1	1		
		4	01NE28SD174	20-Aug	1040	1	1	1	1	1		
		5	01NE28SD175	20-Aug	1045	1	1	1	1	1		
		6	01NE28SD176	20-Aug	1055	1	1	1	1	1		
		01NE28SD171 FD	01NE28SD271	20-Aug	1025	FD	FD	FD	FD			
		01NE28SD171 QA	01NE28SD371	20-Aug	1020	QA	QA	QA	QA			
		01NE28SD171 USACE split	01NE28SD471	20-Aug	1020							
		01NE28SD175 FD	01NE28SD275	20-Aug	1050	FD	FD	FD	FD			
		01NE28SD175 QA	01NE28SD375	20-Aug	1045	QA	QA	QA	QA			
		1 CROSS SECTION 12	01NE28SD177	20-Aug	1115	1	1	1	1	1		
		2 6 SD SAMPLES	01NE28SD178	20-Aug	1120	1	1	1	1	1		
		3 177-182	01NE28SD179	20-Aug	1125	1	1	1	1	1		
		4	01NE28SD180	20-Aug	1130	1	1	1	1	1		
		5	01NE28SD181	20-Aug	1135	1	1	1	1	1		
		6	01NE28SD182	20-Aug	1140	1	1	1	1	1		
		Total Primary Samples	Site 28 sampled to date			71	71	71	71	71	6	6
		Field Duplicates				9	9	9	9	0	1	1
		MS/MSD Sets				4	4	4	4	0	1	1
		Trip blanks				0	0	0	0	0	0	0
		Equipment blanks				0	0	0	0	0	0	0
		QA samples				9	9	9	9	0	1	1
		QA MS/MSD sets				1	1	1	1	0	1	1
		QA Trip blanks				0	0	0	0	0	0	0
		Total Primary Samples	Site 28 total samples pre-sampling plan			72	72	72	72	72	6	6
		QA/QC										
		Field Duplicates				8	8	8	8	8	1	1
		MS/MSD Sets				4	4	4	4	4	1	1
		Trip blanks				0	0	0	0	0	0	0
		Equipment blanks				0	0	0	0	0	0	0
		QA samples				8	8	8	8	8	1	1
		QA MS/MSD sets				1	1	1	0	1	1	1
		QA Trip blanks				0	0	0	0	0	0	0

NEC August sites (not including site 28)
Sampling Summary

Site No.	Site Description	Sample Location	Sample ID	DATE	TIME	Soil/Sediment											Groundwater/Surface Water					PAH SW 8270C SIM	PCBs SW 8082	TAL Metals	Natural Attenuation		
						DRO/ RRO AK 102/ 103	GRO AK 101	BTEX SW 8260B SIM	VOCs SW 8260B	PAHs SW 8270C SIM	PCBs SW 8082	Pestl- cides SW 8081	TAL Metals SW 6010/ 7000	Pb SW 7421	Pb, Zn, Cr SW 6010B	TOC LAB METHOD	DRO AK 102	DRO/ RRO AK 102/ 103	GRO AK 101	GRO/ BTEX AK101/SW 8260B	VOCs SW 8260					SVOCs SW 8270	
3	Pumphouse	Groundwater (Well Points)																									
		WP 3-2	01NE03WP102	8/25/01	1015													1									
		WP3-3	01NE03WP103	8/25/01	1045													1									
		WP3-4	01NE03WP104	8/25/01	1115													1									
4	Subsistence Camp	Groundwater (Well Points)																									
		WP 4-2	01NE04WP102	8/25/01	1200													1									
		WP4-3	01NE04WP103	8/25/01	1345													1									
		WP4-4	01NE04WP104	8/25/01	1500													1									
		TB	01NE00TB115	8/24/01	1900															TB	TB						
6	Cargo Beach Drum	Groundwater (Well Points 06-1, -2)																									
		WP 6-1	01NE06WP101																NO								
		WP6-2	01NE06WP102	8/27/01	1411													1									
			01NE06SW116	8/26/01	1100													1									
		Groundwater (Well Point 06-3)																									
		WP 6-3	01NE06WP103	8/25/01	1700													1		1				1	1		
		TB	01NE00TB101	8/18/01	1600		TB	TB																			
		Soil from Test Pits																									
		TP 6-1	01NE06TP101	8/18/01	1100	1																					
		TP6-2	01NE06TP102	8/18/01	1200	1																					
		Discretionary Soil/Sed. Samples																									
			01NE06SD116	8/18/01	1600	1	1	1			1		1														
			01NE06SD117	8/18/01	1630	1	1	1			1		1														
		01NE06TP101	FD	8/18/01	1105	FD																					
		01NE06TP101	QA	8/18/01	1110	QA																					
		01NE06TP101	MS/MSD	8/18/01	1100	MS																					
7	Cargo Beach Landfill	Groundwater (Well Points)																									
		WP 7-1	01NE07WP101	8/28/01	1000													1	1		1		1	1	1		
		WP7-2	01NE07WP102	8/27/01	1700													1	1		1		1	1	1		
		WP7-3	01NE07WP103	8/27/01	1430													1	1		1		1	1	1		
		01NE07WP102	FD	8/27/01	1700																FD		FD				
		QA	01NE07WP302	8/27/01	1700																QA		QA				
		TB	01NE00TB118	8/27/01	1900																TB						
		QATB	01NE00TB117	8/27/01	1900																	QATB					
		Surface Soil																									
		SS 7-125	01NE07SS125	8/19/01	1115	1			1	1	1		1														
		SS 7-126	01NE07SS126	8/19/01	1130	1			1	1	1		1														
		SS 7-127	01NE07SS127	8/19/01	1145	1			1	1	1		1														
		Surface Water																									
		SW 7-104	01NE07SW104	8/19/01	1330													1	1		1		1	1	1		
		SW 7-105	01NE07SW105	8/19/01	1500													1	1		1		1	1	1		
			01NE00TB101	8/19/01	1900															TB		TB					
	Sediment																										
	SD 7-104	01NE07SD104	8/19/01	1400	1			1	1	1		1															
	SD 7-105	01NE07SD105	8/19/01	1530	1			1	1	1		1															
	TB	01NE00TB102	8/19/01	1900		TB	TB	TB																			
9	Housing Landfill	Groundwater (Well Points)																									
		WP 9-1	01NE09WP101															NO	NO		NO		NO	NO	NO		
		WP 9-2	01NE09WP102	8/26/01	900													1	1		1		1	1	1		
		WP 9-3	01NE09WP103															NO	NO		NO		NO	NO	NO		
		WP 9-4	01NE09WP104															NO	NO		NO		NO	NO	NO		
		WP 9-5	01NE09WP105															NO	NO		NO		NO	NO	NO		
			01NE09SW111	8/26/01	1115													1	1		1		1	1	1		
			01NE09SW112	8/26/01	1315													1	1		1		1	1	1		
			01NE09MW103	8/26/01	1015													1	1		1		1	1	1		
		TB	01NE00TB116	8/26/01	1115														1		1						
		Surface Water																									
		SW 9-107	01NE09SW107	8/23/01	1450													1	1		1		1	1	1		
		FD	01NE09SW207	8/23/01	1455													FD	FD		FD		FD	FD	FD		
QA	01NE09SW307	8/23/01	1450																								

NEC August sites (not including site 28)
Sampling Summary

Site No.	Site Description	Sample Location	Sample ID			Soil/Sediment											Groundwater/Surface Water																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
----------	------------------	-----------------	-----------	--	--	---------------	--	--	--	--	--	--	--	--	--	--	---------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NEC August sites (not including site 28)
Sampling Summary

Site No.	Site Description	Sample Location	Sample ID			Soil/Sediment											Groundwater/Surface Water																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</
----------	------------------	-----------------	-----------	--	--	---------------	--	--	--	--	--	--	--	--	--	--	---------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

Site No.	Site Description	Sample Location	Sample ID			Soil/Sediment											Groundwater/Surface Water																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
----------	------------------	-----------------	-----------	--	--	---------------	--	--	--	--	--	--	--	--	--	--	---------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Site No.	Site Description	Sample Location	Sample ID			Soil/Sediment											Groundwater/Surface Water										TAL Metals	Natural Attenuation
						DRO/ RRO	GRO	BTEX SW 8260B SIM	VOCs SW 8260B	PAHs SW 8270C SIM	PCBs SW 8082	Pesti- cides SW 8081	TAL Metals SW 6010/ 7000	Pb SW 7421	Pb, Zn, Cr SW 6010B	TOC LAB METHOD	DRO AK 102	DRO/ RRO AK 102/ 103	GRO AK 101	GRO/ BTEX AK101/SW 8260B	VOCs SW 8260	SVOCs SW 8270	PAH SW 8270C SIM	PCBs SW 8082				
	METHOD			DATE	TIME	AK 102/ 103	AK 101	BTEX SW 8260B SIM	VOCs SW 8260B	PAHs SW 8270C SIM	PCBs SW 8082	SW 8081	SW 6010/ 7000	Pb SW 7421	Pb, Zn, Cr SW 6010B	LAB METHOD	AK 102	AK 102/ 103	AK 101	AK101/SW 8260B	VOCs SW 8260	SW 8270	PAH SW 8270C SIM	PCBs SW 8082				
31	WAC	Soil at Transformer Pad																										
		4 SS	01NE31SS101	8/24/01	1040	1						1	1															
			01NE31SS102	8/24/01	1000	1						1	1															
			01NE31SS103	8/24/01	1020	1						1																
		01NE31SS104				NO					NO																	
	01NE31SS102	FD	01NE31SS302	8/24/01	1915						FD	FD																
	01NE31SS102	QA	01NE31SS302	8/24/01	1910						QA	QA																
		QAMS	01NE31SS302	8/24/01	1910							QAMS																
		Soil at ASTs																										
		16 SS	01NE31SS105	8/23/01	1500	1																						
			01NE31SS106	8/23/01	1505	1																						
			01NE31SS107	8/23/01	1510	1																						
			01NE31SS108	8/23/01	1515	1																						
			01NE31SS109	8/23/01	1520	1																						
			01NE31SS110	8/23/01	1525	1																						
			01NE31SS111	8/23/01	1530	1																						
			01NE31SS112	8/23/01	1535	1																						
			01NE31SS113	8/23/01	1540	1																						
			01NE31SS114	8/23/01	1545	1																						
			01NE31SS115	8/23/01	1550	1																						
			01NE31SS116	8/23/01	1555	1																						
			01NE31SS117	8/23/01	1600	1																						
			01NE31SS118	8/23/01	1605	1																						
			01NE31SS119	8/23/01	1610	1																						
			01NE31SS120	8/23/01	1615	1																						
	01NE31SS120	FD	01NE31SS220	8/23/01	1650	FD																						
		QA	01NE31SS320	8/23/01	1625	QA																						
	01NE31SS105	QA	01NE31SS305	8/23/01	1504	QA																						
	01NE31SS105	FD	01NE31SS205	8/23/01	1503	FD																						
		Building 1001																										
		Discretionary Soil Samples																										
		4 SS	01NE31SS121	8/24/01	2025	1	1	1				1	1															
			01NE31SS122	8/24/01	2100	1	1	1				1	1															
			01NE31SS123	8/24/01	2230	1	1	1				1	1															
			01NE31SS124	8/24/01	2240	1	1	1				1	1															
	01NE31SS121	FD	01NE31SS221	8/24/01	2030	FD	FD	FD				FD	FD															
	01NE31SS121	QA	01NE31SS321	8/24/01	2035	QA	QA	QA																				
		TB	01NE00TB114	8/24/01	1900			TB	TB																			
		Background Soil																										
		1 SS	01NE31SS125	8/23/01	1630	1																						
		Surface Water (East Tributary)																										
		2 SW	01NE31SW101	8/24/01	2110														1		1			1	1	1		
			01NE31SW102	8/24/01	2245														1		1			1	1	1		
32	Lower Tram	Soil at AST	01NEC32SS101			No																						
			01NEC32SS102			No																						
		Soil at Tram Bay	01NEC32SS103			No					No	No																
			01NE32SS104			No					No	No																
			01NE32SS105	8/24/01	2020	1						1	1															
33	Upper Tram	Soil at Tram Bay	01NE33SS101	8/23/01	830	1					1																	
			01NE33SS102	8/23/01	835	1					1																	
			01NE33SS103	8/23/01	840	1					1																	

NEC August sites (not including site 28) Sampling Summary

[illegible]

Natural Attenuation measurements include - field parameters: pH, temperature, oxidation reduction, ferrous ion, dissolved oxygen, nitrate; lab parameters: alkalinity EPA 310, sulfate EPA 300, and methane, ethane, ethene
Geotechnical parameters include - moisture content ASTM D2216, Sieve Analysis ASTM D-422, Dry Bulk Density ASTM D-2937, Specific Gravity ASTM D-854, Hydraulic conductivity ASTM D-4511, and porosity calculated
Water Quality Field parameters include - pH, conductivity, temperature, turbidity

Table 2-2 Northeast Cape 2001 Phase III RI
Sampling Summary
Northeast Cape, St. Lawrence Island, Alaska

Site No.	Site Description	Sample Location	Sample ID	Date	Time	Soil/Sediment												Pesticides	Geo-tech-nical	Groundwater/Surface Water								
						DRO/ RRO	GRO	GRO/ BTEX	VOCs	PAH SW8270C SIM	PCBs	Pesti-cides	TAL Metals	Pb	Pb, Zn, Cr	TOC	DRO			DRO/ RRO	GRO	GRO/ BTEX	VOCs	SVOCs	PAH SW8270C SIM	PCBs	TAL Metals	
13,15,	METHOD Main Complex	Groundwater (Monitoring Wells) 10 GW SAAMPLES	NO samples due to delay in demo			AK 102/ 103	AK 101	SW 8260B SIM	SW 8260B	SW 8270C SIM	SW 8082	SW 8081	SW 6010/ 7000	SW 7421	SW 6010B	LAB METHOD	SW8081		AK 102	AK 102/ 103 10	AK 101	AK101/SW 8260B 10	SW 8260	SW 8270	SW 8270C SIM	SW 8082		
19,		Soil from Well Borings				10		10		10	10				10	10		3										
& 27		Soil from Soil Borings				12		12		12	12				12	12		1										
			01NE16SS167 01NE16SS168 01NE28SD183 01NE28SD184 01NE28SD185 01NE28SD186 01NE28SD187 01NE28SD188 01NE28SD189 01NE28SD190 01NE28SD191 01NE28SD192 01NE28SD292 01NE28SD285	9/24/01 9/24/01 9/24/01 9/24/01 9/24/01 9/24/01 9/24/01 9/24/01 9/24/01 9/24/01 9/24/01 9/24/01 9/24/01 9/24/01	1100 1100 1110 1115 1120 1125 1135 1305 1300 1140 1145 1150 1155 1130											1 1 1 1 1 1 1 1 1 1 1 1 1 FD FD												
		Total Primary Samples				0	0	0	0	0	0	0	0	0	0	0	12	4	0	0	0	0	0	0	0	0	0	
		QA/QC																										
		Field Duplicates				0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	3	
		MS				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		MSD				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Trip blanks																										
		Equipment blanks																										
		Total Samples				0	0	0	0	0	0	0	0	0	0	0	14	4	0	0	0	0	0	0	0	0	0	

Key:
AST - aboveground storage tank
BTEX - benzene, toluene, ethylbenzene, and xylenes
Cr - chromium
DRO - diesel range organics
GRO - gasoline range organics
MS - matrix spike
MSD - matrix spike duplicate
PAH - polynuclear aromatic hydrocarbon
Pb - lead
PCB - polychlorinated biphenyl
QA/QC - quality assurance/quality control

RI/FS - Remedial Investigation/Feasibility Study
RRO - residual range organics
SIM - selected ion monitoring
SVOC - semi-volatile organic compound
TAL - target analyte list
TCLP - toxicity characteristic leaching procedure
TOC - total organic carbon
VOC - volatile organic compound
Zn - zinc

Attach this sheet to the COC going to CAS for Plant Tissue analysis.

PAHs include the following (DO NOT REPORT ANY OTHER PAH COMPOUNDS):

2-methylnaphthalene
acenaphthene
anthracene
benzo(a)anthracene
benzo(a)pyrene
benzo(b)fluoranthene
benzo(g,h,i)perylene
benzo(k)fluoranthene
chrysene
dibenzo(a,h)anthracene
fluoranthene
fluorene
indeno(1,2,3-cd)pyrene
naphthalene
phenanthrene
pyrene

Metals include the following inorganic analytes [critical PQLs are noted in ()]:

• Arsenic (4.5 mg/Kg)
• Barium
• Cadmium (0.005 mg/Kg)
• Chromium
• Copper
• Lead
• Mercury (0.13 mg/Kg)
• Nickel
• Selenium (0.02 mg/Kg)
• Silver
• Vanadium
• Zinc

Whole plant tissue samples (root, stem, flower, and fruit) are to be analyzed with the exception of berry samples. Berries are to be analyzed separately.

Several samples collected from a single location may be combined in order to meet the PQL.

Plant roots are to be free from soil before sample preparation is begun.

One MS/MSD sample will be provided by MWH.

Results should be reported "as is". Do not determine moisture content.

Mingta Lin

From: Lynn.A.DeGeorge@us.mwhglobal.com
Sent: Thursday, August 16, 2001 11:46 AM
To: mlin@kelso.caslab.com
Cc: Eileen.M.Maus@us.mwhglobal.com; Jane.Whitsett@us.mwhglobal.com;
William.A.O'Connell@us.mwhglobal.com; Bonnie.G.McLean@us.mwhglobal.com
Subject: NEC Fish /Plant Tissue Sampling

Mingta,

We are on schedule for the Northeast Cape fish tissue sampling. The field crew is scheduled to begin fishing on Saturday and we anticipate it will take 4 days to gather the fish we have been scoped to collect. If we are able to stick with our proposed schedule you should anticipate seeing samples toward the end of next week. We do not have a target date for the plant tissue sampling (berries).

We intend to freeze the fish in the field.

Discussions with USACE earlier this week indentified the portion of each fish we will be analyzing. I have attempted to summarize our discussion below. Please do not hesitate to give me a call if you have any questions or concerns.

A set of 6 fish (D. Varden) will be collected from the Suqi. River. They are to be at least 12 - 18 inches in size. Two of the female fish are to be divided by the lab and split into three individual samples: fish head, fish eggs, fillets (this will total 6 samples from these 2 fish). Each fish portion (head, fillet, eggs) will be analyzed for metals, PCB, and PAHs. There will be no compositing of samples. However, since reporting limits are critical to this project we will probably need to discuss the attainable reporting limits based on the egg volume and the fish head weights once you are able to divide the fish.

One six fish will be analyzed as follows. The fillet will be removed and analyzed for Metals, PCBs, and PAHs. Then the remainder of the fish will be homogenized and it will be analyzed for metals, PCBs, and PAHs. (Apparently there is some value in evaluating the fillet portion vs the entire fish.)

The remaining 3 fish will have only their fillets analyzed for all three suites of analysis (Metals, PCBs, PAH).

A set of 4 fish (D. Varden) will be collected from reference locations. They are to be at least 12 - 18 inches in length. One female fish is to be divided by the lab and split into three individual samples: fish head, fish eggs, fillets (this will total 3 samples from this fish). Each fish portion (head, fillet, eggs) will be analyzed for metals, PCB, and PAHs.

One of the four fish will be analyzed as follows. The fillet will be removed and analyzed for Metals, PCBs, and PAHs. Then the remainder of the fish will be homogenized and it will be analyzed for metals, PCBs, and PAHs.

The remaining 2 fish will have only their fillets analyzed for all three suites of analysis (Metals, PCBs, PAH).

Blackfish collected from the Suqi River will be analyzed as whole fish samples. We anticipate 3 blackfish samples. Each sample will be analyzed for metals, PCBs and PAHs.

There is the potential for collecting 9 more samples for analysis. These may be D. Varden, pinks (only if available), or blackfish.

Please note that it is still unclear if the fillet samples should include the skin. The client has changed their mind twice already. I will need to resolve this issue befor you begin preparing the fish for analysis.

00007

Finally, we still have three plant tissue samples to collect. They will be the berries which were not available in July.

Lynn
(907)266-1105

Mingta Lin

From: Lynn.A.DeGeorge@us.mwhglobal.com
Sent: Friday, August 24, 2001 12:28 PM
To: mlin@kelso.caslab.com
Cc: Eileen.M.Maus@us.mwhglobal.com; Jane.Whitsett@us.mwhglobal.com
Subject: Fish samples/conversation record 082401

Mingta,

This e-mail documents our phone conversation earlier today. It provides a summary of the fish tissue sample analysis and recounts our discussion regarding turnaround times for the plant and fish tissue samples as well as the reduced plant tissue sample volumes that resulted from drying the plant tissue.

A summary of the fish tissue samples you should receive is provided below. There are a few more individual samples than we anticipated (we've gone from 18 to 30).

As we discussed over the phone and as communicated in my earlier e-mail the fish are to be dissected so that the portions consumed by the local population are analyzed. For example, a number of the female fish will be dissected into three samples (head, eggs, and fillets).

Four of the fish in the following list are to have the fillets removed and analyzed separately from the remainder of the fish. The remains of these fish are to be homogenized and analyzed separately. They are marked as "Fillet, homogenize" in the list below. There are four fish to be subdivided in this manner.

01NE29FT103
01NE29FT107
01NE30FT102
01NE30FT105

A number of the fish will have only their fillets homogenized.

The blackfish (small in size) will be composited (the list says homogenize) into three individual samples.

ALL samples are to be analyzed for metals, PCBs, and PAHs.

Several weeks ago you informed me that the plant tissue results would be approximately 30 days late because we chose to allow them to air dry. Air drying has impacted the sample weight of a few of the samples reducing the sample volume from 12 to 7 grams for the smallest sample weight submitted. This will impact the reporting limit. You agreed to provide me with the approximate MRLs we will be dealing with for this and other small volume plant tissue samples.

The increase in fish tissue samples, the complicated dissection requirements, and the fact that your PCB lab is at capacity will extend the turn around time for the fish tissue analysis approximately 3 weeks. That gives us a due date of approximately October 15th. I agreed this would be acceptable.

That should be about it.

Lynn
907-266-1105

----- Forwarded by Lynn A

DeGeorge/User/Americas/Montgomery Watson on 08/24/2001 11:46 AM

"Geist, Lisa K POA02" <Lisa.K.Geist@poa02.usace.army.mil> on 08/24/2001

00009

08:13:06 AM

To: Lynn.A.DeGeorge@us.mwhglobal.com
cc: Bruce Narloch <Bruce.A.Narloch@mw.com>
Subject: Fish samples

Lynn,

I was out at NE Cape yesterday, so I hope it isn't too late to pass this info on to your lab. Its my understanding all the fish were shipped out on wednesday night, including the "extra" fish caught. Therefore, please have the lab analyze the base samples as we discussed in your message (with 8 PPAQs to cover the various parts, blackfish and pink salmon). In addition, please have the lab analyze 2 additional DV fish from the Suqi River as follows: 1 fish - fillet and homogenize, 1 fish - fillet and eggs (for a total of 4 PPAQs). The fillets should be prepared with skin on.

So, to recap:

Dolly Varden from Suqi River

01NE29FT101 Female, dissect (head, eggs, fillet)
01NE29FT102 Female, dissect (head, eggs, fillet)
01NE29FT103 Fillet, homogenize
01NE29FT104 Fillet
01NE29FT105 Fillet
01NE29FT106 Fillet

01NE29FT107 Fillet, homogenize
01NE29FT108 Fillet, eggs

Dolly Varden from Tap River

01NE30FT101 Female, dissect (head, eggs, fillet)
01NE30FT102 Fillet, homogenize
01NE30FT103 Fillet

Pink Salmon from Tap River

01NE30FT104 Female, dissect (head, eggs, fillet)
01NE30FT105 Fillet, homogenize
01NE30FT106 Fillet

Blackfish from Drainage Basin

01NE28FT101 Homogenize
01NE28FT102 Homogenize
01NE28FT103 Homogenize

Total: 30 samples

Thank you,
Lisa

00010

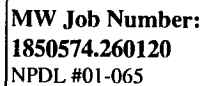
CoolerID/COC#: 01NECPT02



20610

CoolerID/DOC#:
01NECP, 31

60610



Custody seal #s: 073335 073345

Attach this sheet to the COC going to CAS for Plant Tissue analysis.

PAHs include the following (DO NOT REPORT ANY OTHER PAH COMPOUNDS):

2-methylnaphthalene
acenaphthene
anthracene
benzo(a)anthracene
benzo(a)pyrene
benzo(b)fluoranthene
benzo(g,h,i)perylene
benzo(k)fluoranthene
chrysene
dibenzo(a,h)anthracene
fluoranthene
fluorene
indeno(1,2,3-cd)pyrene
naphthalene
phenanthrene
pyrene

Metals include the following inorganic analytes [critical PQLs are noted in ()]:

Arsenic (4.5 mg/Kg)
Barium
Cadmium (0.005 mg/Kg)
Chromium
Copper
Lead
Mercury (0.13 mg/Kg)
Nickel
Selenium (0.02 mg/Kg)
Silver
Vanadium
Zinc

Whole plant tissue samples (root, stem, flower, and fruit) are to be analyzed with the exception of berry samples. Berries are to be analyzed separately.

Several samples collected from a single location may be combined in order to meet the PQL.

Plant roots are to be free from soil before sample preparation is begun.

One MS/MSD sample will be provided by MWH.

Results should be reported "as is". Do not determine moisture content.

Columbia Analytical Services Inc.
Cooler Receipt And Preservation Form

Project/Client Mmt. Watson Work Order K21 5386
Cooler received on 7/28/17 and opened on 7/28/17 by TBlack

1. Were custody seals on outside of cooler?
If yes, how many and where? 1 front AKES ☒ YES ☐ NO
2. Were seals intact and signature & date correct? ☒ YES ☐ NO
3. COC # 01NECPT02
Temperature of cooler(s) upon receipt: 3.9
Temperature Blank: 0.5
4. Were custody papers properly filled out (ink, signed, etc.)? ☒ YES ☐ NO
5. Type of packing material present gel packs - bags
6. Did all bottles arrive in good condition (unbroken)? ☒ YES ☐ NO
7. Were all bottle labels complete (i.e. analysis, preservation, etc.)? ☒ YES ☐ NO
8. Did all bottle labels and tags agree with custody papers? ☒ YES ☐ NO
9. Were the correct types of bottles used for the tests indicated? ☒ YES ☐ NO
10. Were all of the preserved bottles received at the lab with the appropriate pH? ☒ YES ☐ NO
11. Were VOA vials checked for absence of air bubbles, and if present, noted below? ☒ YES ☐ NO
12. Did the bottles originate from CAS/K or a branch laboratory? ☒ YES ☐ NO

Explain any discrepancies _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

Project/Client Mont Watson Work Order K21 5386
Cooler received on 7/28/01 and opened on 7/28/01 by T Black

- Explain any discrepancies _____

[illegible]

Attach this sheet to the COC going to CAS for Fish Tissue analysis.

PAHs include the following (DO NOT REPORT ANY OTHER PAH COMPOUNDS):

2-methylnaphthalene
acenaphthene
anthracene
benzo(a)anthracene
benzo(a)pyrene
benzo(b)fluoranthene
benzo(g,h,i)perylene
benzo(k)fluoranthene
chrysene
dibenzo(a,h)anthracene
fluoranthene
fluorene
indeno(1,2,3-cd)pyrene
naphthalene
phenanthrene
pyrene

The PQL for PCBs is 16 ppb. Adequate sample volume should be used to meet this PQL.

The PAH PQL is 5 mg/Kg for all compounds with the exception of 2-methylnaphthalene which is 50 ug/kg.

Fish tissue samples are to be composited by the laboratory. Bones and guts are to be removed from the fish. For the salmon species (pinks and Dolly Varden) fillets (without the skin), fish heads, and eggs are to be analyzed separately.

Blackfish samples will be analyzed as whole fish composites.

Results should be reported "as is". Do not determine moisture content.

00006

Mingta Lin

From: Lynn.A.DeGeorge@us.mwhglobal.com
Sent: Thursday, August 16, 2001 11:46 AM
To: mlin@kelso.caslab.com
Cc: Eileen.M.Maus@us.mwhglobal.com; Jane.Whitsett@us.mwhglobal.com;
William.A.O'Connell@us.mwhglobal.com; Bonnie.G.McLean@us.mwhglobal.com
Subject: NEC Fish /Plant Tissue Sampling

Mingta,

We are on schedule for the Northeast Cape fish tissue sampling. The field crew is scheduled to begin fishing on Saturday and we anticipate it will take 4 days to gather the fish we have been scoped to collect. If we are able to stick with our proposed schedule you should anticipate seeing samples toward the end of next week. We do not have a target date for the plant tissue sampling (berries).

We intend to freeze the fish in the field.

Discussions with USACE earlier this week identified the portion of each fish we will be analyzing. I have attempted to summarize our discussion below. Please do not hesitate to give me a call if you have any questions or concerns.

A set of 6 fish (D. Varden) will be collected from the Suqi. River. They are to be at least 12 - 18 inches in size. Two of the female fish are to be divided by the lab and split into three individual samples: fish head, fish eggs, fillets (this will total 6 samples from these 2 fish). Each fish portion (head, fillet, eggs) will be analyzed for metals, PCB, and PAHs. There will be no compositing of samples. However, since reporting limits are critical to this project we will probably need to discuss the attainable reporting limits based on the egg volume and the fish head weights once you are able to divide the fish.

One six fish will be analyzed as follows. The fillet will be removed and analyzed for Metals, PCBs, and PAHs. Then the remainder of the fish will be homogenized and it will be analyzed for metals, PCBs, and PAHs. (Apparently there is some value in evaluating the fillet portion vs the entire fish.)

The remaining 3 fish will have only their fillets analyzed for all three suites of analysis (Metals, PCBs, PAH).

A set of 4 fish (D. Varden) will be collected from reference locations. They are to be at least 12 - 18 inches in length. One female fish is to be divided by the lab and split into three individual samples: fish head, fish eggs, fillets (this will total 3 samples from this fish). Each fish portion (head, fillet, eggs) will be analyzed for metals, PCB, and PAHs.

One of the four fish will be analyzed as follows. The fillet will be removed and analyzed for Metals, PCBs, and PAHs. Then the remainder of the fish will be homogenized and it will be analyzed for metals, PCBs, and PAHs.

The remaining 2 fish will have only their fillets analyzed for all three suites of analysis (Metals, PCBs, PAH).

Blackfish collected from the Suqi River will be analyzed as whole fish samples. We anticipate 3 blackfish samples. Each sample will be analyzed for metals, PCBs and PAHs.

There is the potential for collecting 9 more samples for analysis. These may be D. Varden, pinks (only if available), or blackfish.

Please note that it is still unclear if the fillet samples should include the skin. The client has changed their mind twice already. I will need to resolve this issue before you begin preparing the fish for analysis.

00007

Finally, we still have three plant tissue samples to collect. They will be the berries which were not available in July.

Lynn
(907)266-1105

Mingta Lin

From: Lynn.A.DeGeorge@us.mwhglobal.com
Sent: Friday, August 24, 2001 12:28 PM
To: mlin@kelso.caslab.com
Cc: Eileen.M.Maus@us.mwhglobal.com; Jane.Whitsett@us.mwhglobal.com
Subject: Fish samples/conversation record 082401

Mingta,

This e-mail documents our phone conversation earlier today. It provides a summary of the fish tissue sample analysis and recounts our discussion regarding turnaround times for the plant and fish tissue samples as well as the reduced plant tissue sample volumes that resulted from drying the plant tissue.

A summary of the fish tissue samples you should receive is provided below. There are a few more individual samples than we anticipated (we've gone from 18 to 30).

As we discussed over the phone and as communicated in my earlier e-mail the fish are to be dissected so that the portions consumed by the local population are analyzed. For example, a number of the female fish will be dissected into three samples (head, eggs, and fillets).

Four of the fish in the following list are to have the fillets removed and analyzed separately from the remained of the fish. The remains of these fish are to be homogenized and analyzed separately. They are marked as "Fillet, homogenize" in the list below. There are four fish to be subdivided in this manner.

01NE29FT103
01NE29FT107
01NE30FT102
01NE30FT105

A number of the fish will have only their fillets homogenized.

The blackfish (small in size) will be composited (the list says homogenize) into three individual samples.

ALL samples are to be analyzed for metals, PCBs, and PAHs.

Several weeks ago you informed me that the plant tissue results would be approximately 30 days late because we chose to allow them to air dry. Air drying has impacted the sample weight of a few of the samples reducing the sample volume from 12 to 7 grams for the smallest sample weight submitted. This will impact the reporting limit. You agreed to provide me with the approximate MRLs we will be dealing with for this and other small volume plant tissue samples.

The increase in fish tissue samples, the complicated dissection requirements, and the fact that your PCB lab is at capacity will extend the turn around time for the fish tissue analysis approximately 3 weeks. That gives us a due date of approximately October 15th. I agreed this would be acceptable.

That should be about it.

Lynn
907-266-1105

----- Forwarded by Lynn A

DeGeorge/User/Americas/Montgomery Watson on 08/24/2001 11:46 AM

"Geist, Lisa K POA02" <Lisa.K.Geist@poa02.usace.army.mil> on 08/24/2001

00009

08:13:06 AM

To: Lynn.A.DeGeorge@us.mwhglobal.com
cc: Bruce Narloch <Bruce.A.Narloch@mw.com>
Subject: Fish samples

Lynn,

I was out at NE Cape yesterday, so I hope it isn't too late to pass this info on to your lab. Its my understanding all the fish were shipped out on wednesday night, including the "extra" fish caught. Therefore, please have the lab analyze the base samples as we discussed in your message (with 8 PPAQs to cover the various parts, blackfish and pink salmon). In addition, please have the lab analyze 2 additional DV fish from the Suqi River as follows: 1 fish - fillet and homogenize, 1 fish - fillet and eggs (for a total of 4 PPAQs). The fillets should be prepared with skin on.

So, to recap:

Dolly Varden from Suqi River

01NE29FT101 Female, dissect (head, eggs, fillet)
01NE29FT102 Female, dissect (head, eggs, fillet)
01NE29FT103 Fillet, homogenize
01NE29FT104 Fillet
01NE29FT105 Fillet
01NE29FT106 Fillet

01NE29FT107 Fillet, homogenize
01NE29FT108 Fillet, eggs

Dolly Varden from Tap River

01NE30FT101 Female, dissect (head, eggs, fillet)
01NE30FT102 Fillet, homogenize
01NE30FT103 Fillet

Pink Salmon from Tap River

01NE30FT104 Female, dissect (head, eggs, fillet)
01NE30FT105 Fillet, homogenize
01NE30FT106 Fillet

Blackfish from Drainage Basin

01NE28FT101 Homogenize
01NE28FT102 Homogenize
01NE28FT103 Homogenize

Total: 30 samples

Thank you,
Lisa

00010

Columbia Analytical Services -- Kelso
INTERNAL LOGIN SUMMARY REPORT (il01)
31-OCT-01 11:42

00011

Service Req. No. K2106278
Client No. 136500
Client Name Montgomery Watson, Inc.

Project No. 1850574.260120
Project Name Northeast Cape, St. Lawrence Island

Bottles: 1 - 8 oz Glass
37 - Baggie

Bill To: Montgomery Watson Americas, Inc.
Attn: Accounts Payable
4100 Spenard Road
Anchorage, AK 99517

Report To: Montgomery Watson Americas, Inc.
Jane Whitsett
4100 Spenard Road
Anchorage, AK 99517

P.O. No.
Logged In By FADAIR
ISR Num
COC Received Y
Samples Submitted 24-AUG-01

Site ID
Project Chemist Mingta Lin

Storage: KRYPTON 6

CAS Samp No.	Client Sample No.	Matrix	Collected	DueDate	8082-AR-L	CR/ICP	DOD-QA-REV	HG/CVAA HOLD	ICP/MS-10	LIPIDS-SVG
K2106278-001	01NE29FT101 Head	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V	V	V
K2106278-002	01NE29FT101 Eggs	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-003	01NE29FT101 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-004	01NE29FT102 Head	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-005	01NE29FT102 Eggs	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-006	01NE29FT102 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-007	01NE29FT103 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-008	01NE29FT103 Remains	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-009	01NE29FT104 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-010	01NE29FT105 Fillet	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-011	01NE29FT106 Fillet	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-012	01NE29FT107 Fillet	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-013	01NE29FT107 Remains	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-014	01NE29FT108 Fillet	TISSUE	08:00 22-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-015	01NE29FT108 Egg	TISSUE	08:00 22-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-016	01NE29FT109	TISSUE	08:00 22-AUG-01	23-SEP-01				V		
K2106278-017	01NE29FT110	TISSUE	08:00 22-AUG-01	23-SEP-01				V		
K2106278-018	01NE29FT111	TISSUE	08:00 22-AUG-01	23-SEP-01				V		
K2106278-019	01NE29FT112	TISSUE	08:00 22-AUG-01	23-SEP-01				V		
K2106278-020	01NE29FT113	TISSUE	08:00 22-AUG-01	23-SEP-01				V		
K2106278-021	01NE29FT114	TISSUE	08:00 22-AUG-01	23-SEP-01				V		
K2106278-022	01NE29FT115	TISSUE	08:00 22-AUG-01	23-SEP-01				V		
K2106278-023	01NE30FT101 Head	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-024	01NE30FT101 Eggs	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-025	01NE30FT101 Fillet	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-026	01NE30FT102 Fillet	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-027	01NE30FT102 Remains	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-028	01NE30FT103 Fillet	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-029	01NE30FT104 Head	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-030	01NE30FT104 Remains	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-031	01NE30FT105 Egg	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-032	01NE30FT105 Fillet	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-033	01NE30FT105 Remains	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-034	01NE30FT106 Fillet	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-035	01NE28FT101 Blackfish	TISSUE	11:19 19-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-036	01NE28FT102 Blackfish	TISSUE	11:19 19-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-037	01NE28FT103 Blackfish	TISSUE	11:19 19-AUG-01	23-SEP-01	V	V		V	V	V
K2106278-038	01NE28PT5107	TISSUE	15:30 20-AUG-01	23-SEP-01	V	V		V	V	V

Samples Found To Be Hazardous: NONE__ ALL__ *SOME__

Reviewed By: _____

Columbia Analytical Services -- Kelso
INTERNAL LOGIN SUMMARY REPORT (il01)
31-OCT-01 11:42

Service Req. No. K2106278
Client No. 136500
Client Name Montgomery Watson, Inc.

Project No. 1850574.260120
Project Name Northeast Cape, St. Lawrence Island

Bottles: 1 - 8 oz Glass
37 - Baggie

Bill To: Montgomery Watson Americas, Inc.
Attn: Accounts Payable
4100 Spenard Road
Anchorage, AK 99517

Report To: Montgomery Watson Americas, Inc.
Jane Whitsett
4100 Spenard Road
Anchorage, AK 99517

P.O. No.
Logged In By FADAIR
ISR Num
COC Received Y
Samples Submitted 24-AUG-01

Site ID
Project Chemist Mingta Lin

Storage: KRYPTON 6

CAS Samp No.	Client Sample No.	Matrix	Collected	DueDate	MISC METALS	MISC-SVG-GC	SIM-PAH	DIGEST
K2106278-001	01NE29FT101 Head	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-002	01NE29FT101 Eggs	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-003	01NE29FT101 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-004	01NE29FT102 Head	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-005	01NE29FT102 Eggs	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-006	01NE29FT102 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-007	01NE29FT103 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-008	01NE29FT103 Remains	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-009	01NE29FT104 Fillet	TISSUE	08:51 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-010	01NE29FT105 Fillet	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-011	01NE29FT106 Fillet	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-012	01NE29FT107 Fillet	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-013	01NE29FT107 Remains	TISSUE	10:47 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-014	01NE29FT108 Fillet	TISSUE	08:00 22-AUG-01	23-SEP-01	V	V	V	V
K2106278-015	01NE29FT108 Egg	TISSUE	08:00 22-AUG-01	23-SEP-01	V	V	V	V
K2106278-016	01NE29FT109	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-017	01NE29FT110	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-018	01NE29FT111	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-019	01NE29FT112	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-020	01NE29FT113	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-021	01NE29FT114	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-022	01NE29FT115	TISSUE	08:00 22-AUG-01	23-SEP-01				
K2106278-023	01NE30FT101 Head	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-024	01NE30FT101 Eggs	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-025	01NE30FT101 Fillet	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-026	01NE30FT102 Fillet	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-027	01NE30FT102 Remains	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-028	01NE30FT103 Fillet	TISSUE	10:22 21-AUG-01	23-SEP-01	V	V	V	V
K2106278-029	01NE30FT104 Head	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V	V	V
K2106278-030	01NE30FT104 Remains	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V	V	V
K2106278-031	01NE30FT105 Egg	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V	V	V
K2106278-032	01NE30FT105 Fillet	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V	V	V
K2106278-033	01NE30FT105 Remains	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V	V	V
K2106278-034	01NE30FT106 Fillet	TISSUE	20:15 20-AUG-01	23-SEP-01	V	V	V	V
K2106278-035	01NE28FT101 Blackfish	TISSUE	11:19 19-AUG-01	23-SEP-01	V	V	V	V
K2106278-036	01NE28FT102 Blackfish	TISSUE	11:19 19-AUG-01	23-SEP-01	V	V	V	V
K2106278-037	01NE28FT103 Blackfish	TISSUE	11:19 19-AUG-01	23-SEP-01	V	V	V	V
K2106278-038	01NE28PT5107	TISSUE	15:30 20-AUG-01	23-SEP-01	V	V	V	V

Comments:

K2106278 ICP/MS-10: = Sb,As,Ba,Cd,Cr,Pb,Ni,Ag,V,Zn.

Samples Found To Be Hazardous: NONE__ ALL__ *SOME__

Reviewed By: _____

00012

Columbia Analytical Services -- Kelso
INTERNAL LOGIN SUMMARY REPORT (il01)
31-OCT-01 11:42

Service Req. No. K2106278
Client No. 136500
Client Name Montgomery Watson, Inc.

Project No. 1850574.260120
Project Name Northeast Cape, St. Lawrence Island

Bottles: 1 - 8 oz Glass
37 - Baggie

Bill To: Montgomery Watson Americas, Inc.
Attn: Accounts Payable
4100 Spenard Road
Anchorage, AK 99517

Report To: Montgomery Watson Americas, Inc.
Jane Whitsett
4100 Spenard Road
Anchorage, AK 99517

P.O. No.
Logged In By FADAIR
ISR Num
COC Received Y
Samples Submitted 24-AUG-01

Site ID
Project Chemist Mingta Lin

Storage: KRYPTON 6

CAS Samp No.	Client Sample No.	Matrix	Collected	DueDate	MISC METALS	MISC-SVG-GC	SIM-PAH	DIGEST
--------------	-------------------	--------	-----------	---------	-------------	-------------	---------	--------

K2106278		MISC METALS: = Se by EPA 7742.						
----------	--	--------------------------------	--	--	--	--	--	--

Samples Found To Be Hazardous: NONE__ ALL__ *SOME__

Reviewed By: _____

00013



Montgomery Watson
Harza
4100 Spennard Road
Anchorage AK 99517
(907) 248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Columbia Analytical Services
1317 South 13th Avenue
Kelso, WA. 98626
(360) 577-7222
Fax (360) 636-1068
Attn: Mingta Lin

MW Job Number:
1850574.260120
NPDL #01-065
USACE & Fuel Chromatograms
30 day turnaround

Fish Tissue, Freeze

PAH SW8270C SIM
Ziplock BagsPCB SW8082
Ziplock Bags% Lipids PSEP Gravimetric Method
Ziplock BagsMetals SW6000/7000
Ziplock bags

K2106278

00014

Sampler's signature: William A. O'Connell

Date	Time	Sample ID	Matrix	Total Containers	PAH SW8270C SIM Ziplock Bags	PCB SW8082 Ziplock Bags	% Lipids PSEP Gravimetric Method Ziplock Bags	Metals SW6000/7000 Ziplock bags	Comments
8-21-01	0951	01NE29 FT 101	tissue	1	✓✓	✓✓	✓✓	✓✓✓	Female dissect (head, eggs, Fillet)
8-21-01	0951	01NE29 FT 102	tissue	1	✓✓	✓✓	✓✓	✓✓✓	Female dissect (head, eggs, Fillet)
8-21-01	0951	01NE29 FT 103	tissue	1	✓	✓	✓	✓✓	Fillet, Homogenize
8-21-01	0951	01NE29 FT 104	tissue	1	✓	✓	✓	✓✓	Fillet
8-20-01	1047	01NE29 FT 105	tissue	1	✓	✓	✓	✓	Fillet
8-20-01	1047	01NE29 FT 106	tissue	1	✓	✓	✓	✓	Fillet
8-20-01	1047	01NE29 FT 107	tissue	1	✓	✓	✓	✓✓	Fillet, additional sample
8-22-01	0800	01NE29 FT 108	tissue	1	✓✓	✓✓	✓✓	✓✓✓	additional sample
8-22-01	0800	01NE29 FT 109	tissue	1	✓	✓	✓	✓	additional sample
8-22-01	0800	01NE29 FT 110	tissue	1	✓	✓	✓	✓	additional sample
8-22-01	0800	01NE29 FT 111	tissue	1	✓	✓	✓	✓	additional sample
8-22-01	0800	01NE29 FT 112	tissue	1	✓	✓	✓	✓	additional sample
8-22-01	0800	01NE29 FT 113	tissue	1	✓	✓	✓	✓	additional sample
8-22-01	0800	01NE29 FT 114	tissue	1	✓	✓	✓	✓	additional sample
8-22-01	0800	01NE29 FT 115	tissue	1	✓	✓	✓	✓	additional sample
Please see attached sheet for PAH and metals required.									

Please record temperature blank only in the space provided.

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8883

Relinquished by: William A. O'Connell	Date: 8/23/01	Shipped via: AK Air Goldstreet	Shipping number: 1720 4596
Company: Montgomery Watson	Time: 1200	Relinquished by: [Signature]	Temperature blank temperature upon arrival: °C
Received by: [Signature]	Date: 8/24/01	Company: [Signature]	
Company: [Signature]	Time: 1000	Relinquished by: [Signature]	Custody seal #s: 17863 17860
Received by: [Signature]	Date: [Signature]	Company: [Signature]	
Company: [Signature]	Time: [Signature]	Relinquished by: [Signature]	
Company: [Signature]	Time: [Signature]	Company: [Signature]	

CoolerID/COC#: Ø1NEC FTØ1



Laboratory:
Columbia Analytical Services
1317 South 13th Avenue
Kelso, WA. 98626
(360) 577-7222
Fax (360) 636-1068
Attn: Mingta Lin

MW Job Number:
1850574.260120
NPDL #01-065
USACE & Fuel Chromatograms
30 day turnaround

MW Job Number:

1850574.260120

NPDL #01-065

USACE & Fuel Chromatograms

30 Day turnaround

Fish Tissue, Freeze

PAH SW8270C SIM
Ziplock Bags

PCB SW8082
Ziplock Bags

% Lipids PSEP Gravimetric Method
Ziplock Bags

Metals SW6000/7000
Ziplock bags

Comments

Please see attached sheet for PAH and metals required.

Please record temperature blank only in the space provided.

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8883.

Relinquished by: W. Dean L. [Signature]

Date 8-23-01

Shipped via:

Company : Montgomery Watson

Time 1200

Shipped via: AK air. Goldstreak

Shipping number:

Shipping number: 1720 4600

Received by: Fran Klaes

Date 8/24/01

Relinquished by:

Date _____

Temperature blank temperature upon arrival: °C

Company:

Time

Company:

Time

Received by:

Date _____

Relinquished by:

Date _____

Custody seal #s:

17866 17867

102106278

00015

0. ~~07~~
PT

Chain of Custody



Laboratory:
Columbia Analytical Services
1317 South 13th Avenue
Kelso, WA. 98626
(360) 577-7222
Fax (360) 636-1068
Attn: Mingta Lin

MW Job Number:
1850574.260120
NPDL #01-065

MW Job Number:
1850574.260120
NPDL #01-065

Sampler's signature:

Bonnie McLean

Plant Tissue

PAH SW8270C SIM
~~Ziplock Bags w/ wax paper~~

PCB SW8082
~~Zinlock Bags w/ wax paper~~

Metals SW6000/7000
~~Ziplock Bags w/ wax paper~~

1-902 Jan

00016

Date	Time	Sample ID	Matri x	Total Containers	PAH Zinc	PCE Zinc	Metals Zinc			Comments
8-20	1530	01 NE ZR PT 5 107	P	1	X✓	✓	✓			MS/MSD
										Please see attached sheet for PAH and metals required.
										Please record temperature blank only in the space provided.
										Following receipt of sample cooler, please fax CoC and Lab cooler check-in form to Sandra Kimbrell at (907) 353-7070 and Eileen Maus at (907) 248-8883

Relinquished by: <i>Tommy McLean</i>	Date: <i>8-22-01</i>	Shipped via: <i>027 AXC</i>	Shipping number:
Company: <i>Montgomery Watson</i>	Time: <i>1900</i>	<i>AKAL 1720 4556</i>	
Received by:	Date:	Relinquished by:	Cooler temperature upon arrival: °C
Company:	Time:	Company:	
Received by:	Date:	Relinquished by:	Custody seal #s:
Company:	Time:	Company:	<i>17866 17867</i>

Alaska G-S.

1.	Were custody seals on outside of cooler? If yes, how many and where? <u>front</u>	☒ YES ☐ NO
2.	Were seals intact and signature & date correct? <u>01NEPT</u>	☒ YES ☐ NO
3.	COC # <u>01NECFT01</u> <u>01NECFT02</u>	
	Temperature of cooler(s) upon receipt: <u>3.7°</u> <u>0.4</u>	
	Temperature Blank: <u>FROZEN</u> <u>FROZEN</u>	
4.	Were custody papers properly filled out (ink, signed, etc.)?	☒ YES ☐ NO
5.	Type of packing material present <u>NONE</u>	
6.	Did all bottles arrive in good condition (unbroken)?	☒ YES ☐ NO
7.	Were all bottle labels complete (i.e. analysis, preservation, etc.)?	☒ YES ☐ NO
8.	Did all bottle labels and tags agree with custody papers?	☒ YES ☐ NO
9.	Were the correct types of bottles used for the tests indicated?	☒ YES ☐ NO
10.	Were all of the preserved bottles received at the lab with the appropriate pH?	☒ YES ☐ NO
11.	Were VOA vials checked for absence of air bubbles, and if present, noted below?	☒ YES ☐ NO
12.	Did the bottles originate from CAS/K or a branch laboratory?	☒ YES ☐ NO

Samples that required preservation or received out of temperature:

[illegible]

* per King's freeze samples until further notice ... 8/24/01

00017

DN38



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPD# 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

SOIL, Cool to 4°C

Sampler's signature:

Jerry Gant *Melissa Markle*

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-20	1450	01NE285D165	SD	5	(X)				(X)	X	X	X	
8-20	1455	01NE285D166	SD	5	X				X	X	X	X	
8-20	1505	01NE285D167	SD	5	X				X	X	X	X	01NE285D167
8-20	1510	01NE285D168	SD	5	X				X	X	X	X	
8-20	1515	01NE285D169	SD	5	X				X	X	X	X	
8-20	1530	01NE285D170	SD	5	X				X	X	X	X	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Eileen Mauds</i>	Date: 8-22-01	Shipped via:	Shipping number:
Company: Montgomery Watson	Time: 1730	AK AL GO PRI	027 2754 1135
Received by: <i>Jerry Gant</i>	Date: 8-24-01	Relinquished by:	Temperature blank temperature upon arrival: °C
Company: <i>AK</i>	Time: 955	Company:	0.5 °C
Received by:	Date:	Relinquished by:	Custody seal #s:
Company:	Time:	Company:	17785, 17780

 Montgomery Watson Harza 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 Attn: Jane Whitsett					Laboratory: Analytical Resources Inc. 333 Ninth Avenue North Seattle, WA 98109-5187 (206) 389-6166 Fax (206) 621-7523 Attn: Sue Snyder MW Job Number: 1850574.260120 NPDL # 01-065 COELT EDF V1.2 USACE & Fuel Chromatograms 30 day turnaround <i>Melissa Markell</i>					SOIL, Cool to 4°C							
					DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B 7000 <i>Pb, Zn, Cr</i> 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar					
Sampler's signature: <i>Angela Quint Bunch</i>																	
Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B 7000 <i>Pb, Zn, Cr</i> 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS				
8/19/01	1610	01NE28SD153	SD	5	1✓				1✓	1✓	1✓	1✓					
8/19/01	1615	01NE28SD253	SD	4	1✓				1✓	1✓	1✓	1✓					
8/19/01	1620	01NE28SD154	SD	5	1✓				1✓	1✓	1✓	1✓					
8/19/01	1625	01NE28SD155	SD	5	1✓				1✓	1✓	1✓	1✓					
8/19/01	1630	01NE28SD156	SD	5	1✓				1✓	1✓	1✓	1✓					
8/19/01	1635	01NE28SD157	SD	5	1✓				1✓	1✓	1✓	1✓					
8/19/01	1640	01NE28SD257	SD	4	1✓				1✓	1✓	1✓	1✓					
8/19/01	1645	01NE28SD158	SD	5	1✓				1✓	1✓	1✓	1✓					

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Eileen Mans</i> Company: Montgomery Watson	Date: 8/20/01 Time: 1000	Shipped via: <i>GO - PRI</i> <i>AK Airlines</i>	Shipping number: <i>2754 1146</i>
Received by: <i>Susan Ayler</i> Company: <i>XKI</i>	Date: 8/21/01 Time: 2215	Relinquished by: _____ Company: _____	Temperature blank temperature upon arrival: <i>5.5°C</i>
Received by: _____ Company: _____	Date: _____ Time: _____	Relinquished by: _____ Company: _____	Custody seal #s: <i>17573, 17984</i>

ARI Client: Montgomery Watson Project: Northeast Cape
 Delivered by: AK Airlines Tracking No.: 02727541146 Date: 8/21/01
 ARI Project No. _____ LIMS Nos.: _____

Preliminary Examination Phase

- | | | |
|--|------------|----|
| 1. Were intact, properly signed and dated custody seals attached to the outside of cooler? | <u>Yes</u> | No |
| 2. Were custody papers included with the cooler?..... | <u>Yes</u> | No |
| 3. Were custody papers properly filled out (ink, signed, etc.)?..... | <u>Yes</u> | No |
| 4. Complete custody forms and attach all shipping documents..... | <u>OK</u> | NA |

Cooler Accepted by: [Signature] Date: 8/21/01 Time: 2215

Log-In Phase

- | | | |
|--|-------------------|--------------|
| 5. Was a temperature blank included in the cooler? | <u>Yes</u> | No |
| 6. Record Cooler Temperature | <u>5.5</u> | degrees C |
| 7. What kind of packing material was used?..... | <u>Bubblewrap</u> | |
| 8. Was sufficient ice used (if appropriate)?..... | <u>Yes</u> | No |
| 9. Were all bottles sealed in separate plastic bags?..... | <u>Yes</u> | No |
| 10. Did all bottles arrive in good condition (unbroken)?..... | <u>Yes</u> | No |
| 11. Were all bottle labels complete and legible?..... | <u>Yes</u> | No |
| 12. Did all bottle labels and tags agree with custody papers?..... | <u>Yes</u> | No |
| 13. Were all bottles used correct for the requested analyses?..... | <u>Yes</u> | No |
| 14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) | <u>Yes</u> | <u>No</u> |
| 15. Were all VOA vials free of air bubbles?..... | <u>Yes</u> | <u>NA</u> No |
| 16. Was sufficient amount of sample sent in each bottle?..... | <u>Yes</u> | No |
| 17. Notify Project Manager of any discrepancies or concerns | <u>OK</u> | NA |

Cooler Opened by: [Signature] Date: 8/21/01 Time: 2215

Explain any discrepancies or negative responses:

PLEASE TYPE

Airport of Departure

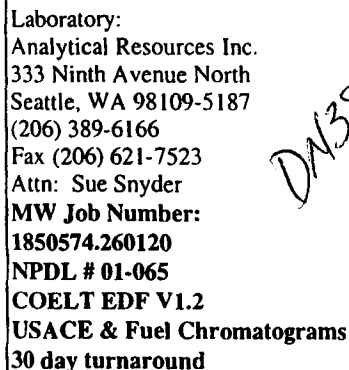
**Subject to Conditions of
Contract on the Back of
the Airbill**

**INSURANCE
AVAILABLE**

027 2754 1146

[illegible]

01-1471 ; 01-14729



DN38

SOIL, Cool to 4°C

[illegible]

DRO/RRO AK102/103
1 x 4oz. amber glass jar

BTX SW 8260B
1 x 2oz. Glass jar w/MeOH

GRO AK101
1 x 2oz. glass jar w/MeOH

VOCs SW8260B
1 x 2oz. glass jar w/MeOH

PAHs SW8270C SIM
1 l x 4oz. amber glass jar

PCBs SW8082
1 x 4oz. amber glass jar

TOC lab method
1 x 4oz. amber glass jar

COMMENTS

COMMENTS	MS / MSD DEO/DEO, PCB, PAH, PCr, only
----------	--

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by Eileen Maus Date 8-22-01
Company: Montgomery Watson Time 1730

Shipped via: GO P.R.I.
AKAL Goldstruck

Shipping number: 027 AX
2754 1135

Received by: Juan Puyol Date 8-24-09
Company: ATI Time 9:30

Relinquished by:	Date
Company:	Time

Temperature blank temperature upon arrival: 3.5°C

Received by:	Date
Company:	Time

Relinquished by:	Date
Company:	Time

Custody seal #s:
17776 / 17777

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: Q1NEC25 Delivered By: ak Airlines
Tracking NO.: 027 27541135 Date: 8-24-01
ARI Job No.: DN38 Lims NO.: 01-14725-0147

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted By: Resu Deyla Date: 8-24-01 Time: 9:55

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 0.5 °C
7. What kind of packing material was used? Bubblewrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) YES ☒ NO
15. Were all VOA vials free of air bubbles? YES NA NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler Opened By: David L. Hinson Date: 8/24/01 Time: 9:55

Explain any discrepancies or negative responses:

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 01NEC23 Delivered By: AK Airlines
Tracking NO.: 027 27541135 Date: 8-24-01
ARI Job No.: DN38 Lims NO.: 01-14718 - 01-14724

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? 2 front & Back ☒ YES ☐ NO
2. Were custody papers included with the cooler ☒ YES ☐ NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES ☐ NO
4. Complete custody forms and attach all shipping documents ☒ OK ☐ NA

Cooler Accepted BY: Juan S. Snyda Date: 8-24-01 Time: 9:30

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES ☐ NO
6. Record Cooler Temperature 3.5 °C
7. What kind of packing material was used? Bubblewrap
8. Was sufficient ice used (if appropriate)? ☒ YES ☐ NO
9. Were all bottles sealed in separate plastic bags? ☒ YES ☐ NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES ☐ NO
11. Were all bottle labels complete and legible? ☒ YES ☐ NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES ☐ NO
13. Were all bottles used correct for the requested analyses? ☒ YES ☐ NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☐ YES ☒ NO
15. Were all VOA vials free of air bubbles? ☐ YES ☒ NA ☐ NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES ☐ NO
17. Notify Project Manager of any discrepancies or concerns. ☒ OK ☐ NA

Cooler Opened By: Deborah Snyda Date: 8/24/01 Time: 9:30

Explain any discrepancies or negative responses:

30 day turnaround

James Quint Buchanan

COMMENTS

8-19	1000	01 NE 28 SD 135	SD	5
8-19	1010	01 NE 28 SD 136	SD	5
8-19	1015	01 NE 28 SD 137	SD	5
8-19	1025	01 NE 28 SD 138	SD	5
8-19	1035	01 NE 28 SD 139	SD	9
8-19	1100	01 NE 28 SD 140	SD	5
8-19	1040	01 NE 28 SD 239	SD	4

 x_v

8-19	1010	01 NE 28 SD 136	SD	5
------	------	-----------------	----	---

x

8-19	1015	01 NE 28 SD 137	SD	5
------	------	-----------------	----	---

X

8-19	1025	01 NE 28 SD 138	8D	5
------	------	-----------------	----	---

X

8-19	1035	01 NE28 SD 139	SD	9
------	------	----------------	----	---

X

8-19	1100	01 NE 28 SD 140	SD	5
------	------	-----------------	----	---

X.

00-PI	1040	01 WE 28 SD 239	SD	4
-------	------	-----------------	----	---

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

AK Airlines

2754 1146

Date _____

3.5°C

Custody seal #s:

17579, 17579

DNOC



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907) 248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround *Bmchea*

SOIL, Cool to 4°C

Sampler's signature: *Douglas Quint* *Melissa Markoe*

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B#0002 <i>Pb 24Cr</i> 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-19-01	1310	01NE28SD 141	SD	5	X✓				X✓	X✓	X✓	X✓	
8-19-01	1315	01NE28SD 142	SD	5	X✓				X✓	X✓	X✓	X✓	
8-19-01	1325	01NE28SD 143	SD	5	X✓				X✓	X✓	X✓	X✓	
8-19-01	1335	01NE28SD 144	SD	5	X✓				X✓	X✓	X✓	X✓	
8-19-01	1345	01NE28SD 145	SD	5	X✓				X✓	X✓	X✓	X✓	
8-19-01	1355	01NE28SD 146	SD	5	X✓				X✓	X✓	X✓	X✓	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Eden M...</i> Company: <i>Montgomery Watson</i>	Date <i>8-20-01</i> Time <i>1000</i>	Shipped via: <i>AK Airlines</i> <i>GO PRI</i>	Shipping number: <i>27541 1146</i>
Received by: <i>John Snyder</i> Company: <i>AKI</i>	Date <i>8/21/01</i> Time <i>2215</i>	Relinquished by: Company:	Temperature blank temperature upon arrival: <i>1.5</i> °C
Received by: Company:	Date Time	Relinquished by: Company:	Custody seal #s: <i>17369, 17526</i>

DNC6



Montgomery Watson
 Harza
 4100 Spenard Road
 Anchorage AK 99517
 (907)248-8883
 Fax (907) 248-8884
 Attn: Jane Whitsett

Laboratory:
 Analytical Resources Inc.
 333 Ninth Avenue North
 Seattle, WA 98109-5187
 (206) 389-6166
 Fax (206) 621-7523
 Attn: Sue Snyder
 MW Job Number:
 1850574.260120
 NPDL # 01-065
 COELT EDF V1.2
 USACE & Fuel Chromatograms
 30 day turnaround

SOIL, Cool to 4°C

 Sampler's signature: *Douglas Quist Bmcha Melion Markell*

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000- Pb, Zn, Cr 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-19	1455	01NE28SD 147	SD	5	X✓				X✓	X✓	X✓	X✓	
8-19	1505	01NE28SD 148	SD	5	X✓				X✓	X✓	X✓	X✓	
8-19	1510	01NE28SD 149	SD	5	X✓				X✓	X✓	X✓	X✓	
8-19	1520	01NE28SD 150	SD	5	X✓				X✓	X✓	X✓	X✓	
8-19	1530	01NE28SD 151	SD	9	X✓				X✓	X✓	X✓	X✓	MS/MSD 020/120, PAH, PCB metals only
8-19	1535	01NE28SD 252	SD	4	X✓				X✓	X✓	X✓	X✓	all bottle labels = 01NE28SD 251 (1535)
8-19	1545	01NE28SD 152	SD	5	X✓				X✓	X✓	X✓	X✓	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Glen Mares</i>	Date: <i>8-20-01</i>	Shipped via: <i>GO-PRI AK Airline</i>	Shipping number: <i>275411146</i>
Company: <i>Montgomery Watson</i>	Time: <i>1000</i>		
Received by: <i>Susan Snyder</i>	Date: <i>8-21-01</i>	Relinquished by:	Temperature blank temperature upon arrival: °C
Company: <i>AK</i>	Time: <i>2200</i>	Company:	<i>5.0°C</i>
Received by:	Date:	Relinquished by:	Custody seal #s:
Company:	Time:	Company:	<i>17774, 17775</i>

ARI Client: Montgomery Watson Project: Northeast Cape
Delivered by: AK Airlines Tracking No.: 02727541146 Date: 8/21/01
ARI Project No. DNO6 LIMS Nos.: _____

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? Yes No
2. Were custody papers included with the cooler? Yes No
3. Were custody papers properly filled out (ink, signed, etc.)? Yes No
4. Complete custody forms and attach all shipping documents OK NA

Cooler Accepted by: [Signature] Date: 8/21/01 Time: 9:55 pm

Log-In Phase

5. Was a temperature blank included in the cooler? Yes No
6. Record Cooler Temperature 5.0 degrees C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? Yes No
9. Were all bottles sealed in separate plastic bags? Yes No
10. Did all bottles arrive in good condition (unbroken)? Yes No
11. Were all bottle labels complete and legible? Yes No
12. Did all bottle labels and tags agree with custody papers? Yes No
13. Were all bottles used correct for the requested analyses? Yes No
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) Yes No
15. Were all VOA vials free of air bubbles? Yes NA No
16. Was sufficient amount of sample sent in each bottle? Yes No
17. Notify Project Manager of any discrepancies or concerns OK NA

Cooler Opened by: logged ax Date: 8/22/01 Time: 1130

Explain any discrepancies or negative responses:

ARI Client: Montgomery Watson Project: Northeast Cape
 Delivered by: AK Airlines Tracking No.: 02727541146 Date: 8/21/01
 ARI Project No. DNOC LIMS Nos.: _____

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? ☒ Yes No
2. Were custody papers included with the cooler? ☒ Yes No
3. Were custody papers properly filled out (ink, signed, etc.)? ☒ Yes No
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted by: Seamus Dwyer Date: 8-21-01 Time: 22:15

Log-In Phase

5. Was a temperature blank included in the cooler? ☒ Yes No
6. Record Cooler Temperature 1.5 degrees C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ Yes No
9. Were all bottles sealed in separate plastic bags? ☒ Yes No
10. Did all bottles arrive in good condition (unbroken)? ☒ Yes No
11. Were all bottle labels complete and legible? ☒ Yes No
12. Did all bottle labels and tags agree with custody papers? Yes ☒ No
13. Were all bottles used correct for the requested analyses? ☒ Yes No
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) Yes ☒ No
15. Were all VOA vials free of air bubbles? Yes NA No
16. Was sufficient amount of sample sent in each bottle? ☒ Yes No
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened by: gjosni Date: 8/22/01 Time: 1107

Explain any discrepancies or negative responses:

Sample ONE28SD252 (on coc) all bottle labels = ONE28 SD251
8/22/01

COOLER RECEIPT FORM



Resources
Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape
 Delivered by: AK Airlines Tracking No.: 02727541146 Date: 8/21/01
 ARI Project No. DND LIMS Nos.: _____

Preliminary Examination Phase

- | | | |
|--|------------|----|
| 1. Were intact, properly signed and dated custody seals attached to the outside of cooler? | <u>Yes</u> | No |
| 2. Were custody papers included with the cooler? | <u>Yes</u> | No |
| 3. Were custody papers properly filled out (ink, signed, etc.)? | <u>Yes</u> | No |
| 4. Complete custody forms and attach all shipping documents | <u>OK</u> | NA |

Cooler Accepted by: Jessie Jeyda Date: 8-21-01 Time: 22:10

Log-In Phase

- | | | |
|--|--------------------|-----------|
| 5. Was a temperature blank included in the cooler? | <u>Yes</u> | No |
| 6. Record Cooler Temperature | <u>3.5</u> | degrees C |
| 7. What kind of packing material was used? | <u>Bubble Wrap</u> | |
| 8. Was sufficient ice used (if appropriate)? | <u>Yes</u> | No |
| 9. Were all bottles sealed in separate plastic bags? | <u>Yes</u> | No |
| 10. Did all bottles arrive in good condition (unbroken)? | <u>Yes</u> | No |
| 11. Were all bottle labels complete and legible? | <u>Yes</u> | No |
| 12. Did all bottle labels and tags agree with custody papers? | <u>Yes</u> | <u>No</u> |
| 13. Were all bottles used correct for the requested analyses? | <u>Yes</u> | No |
| 14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) | <u>Yes</u> | <u>No</u> |
| 15. Were all VOA vials free of air bubbles? | <u>Yes</u> | NA No |
| 16. Was sufficient amount of sample sent in each bottle? | <u>Yes</u> | No |
| 17. Notify Project Manager of any discrepancies or concerns | <u>OK</u> | <u>NA</u> |

Cooler Opened by: logged by [signature] Date: 8/22/01 Time: 1100

Explain any discrepancies or negative responses:

* OK see CDC 19 of 8/22/01

DNO7



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Melissa Markell
Douglas Grant

Sampler's signature:

Bonnie McLean

2001 Date	Time	Sample ID	Matrix	Total Containers	SOIL, Cool to 4°C								COMMENTS
					DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7090 1 x 4oz. amber glass jar <i>Pb, Zn, Cr</i>	TOC lab method 1 x 4oz. amber glass jar	
8-18	1100	01 NE 06 TP 101	S	3	X✓							X✓	MS/MSD Dro/RRO only
8-18	1105	01 NE 06 TP 201	S	1	X✓								
8-18	1200	01 NE 06 TP 102	S	2	X✓							X✓	
8-18	1025	01 NE 28 SD111	SD	9	X✓				X✓	X✓	X✓	X✓	MS/MSD Dro/RRO, PAHs, PCBs & Metals only
8-18	1030	01 NE 28 SD211	SD	4	X✓				X✓	X✓	X✓	X✓	
8-18	1040	01 NE 28 SD112	SD	5	X✓				X✓	X✓	X✓	X✓	
8-18	1045	01 NE 28 SD113	SD	5	X✓				X✓	X✓	X✓	X✓	
8-18	1050	01 NE 28 SD114	SD	5	X✓				X✓	X✓	X✓	X✓	
8-18	1055	01 NE 28 SD115	SD	5	X✓				X✓	X✓	X✓	X✓	
8-18	1100	01 NE 28 SD116	SD	5	X✓				X✓	X✓	X✓	X✓	
8-18													

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Bonnie Archibald</i>	Date: 8-20-01	Shipped via: <i>AK Airlines</i>	Shipping number: <i>2754 1146</i>
Company: Montgomery Watson	Time: 1000	<i>GO PRI</i>	
Received by: <i>Heidi Pfeiffer</i>	Date: 8/24/01	Relinquished by:	Date:
Company: <i>ARI</i>	Time: 22.07	Company:	Time:
Received by:	Date:	Relinquished by:	Date:
Company:	Time:	Company:	Time:
		Custody seal #s:	<i>17520, 17521</i>

DN07



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:

Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166

Fax (206) 621-7523

Attn: Sue Snyder

MW Job Number:

1850574.260120

NPDL # 01-065

COELT EDF V1.2

USACE & Fuel Chromatograms

30 day turnaround *Melissa Markell*

SOIL, Cool to 4°C

DRO/RRO AK102/103

1 x 4oz. amber glass jar

BTEX SW 8260B

1 x 2oz. Glass jar w/MeOH

GRO AK101

1 x 2oz. glass jar w/MeOH

VOCs SW8260B

1 x 2oz. glass jar w/MeOH

PAHs SW8270C SIM

1 x 4oz. amber glass jar

PCBs SW8082

1 x 4oz. amber glass jar

Metals SW6010B/7000

1 x 4oz. amber glass jar

TOC lab method

1 x 4oz. amber glass jar

COMMENTS

Added: (20 ml. MeOH)
10g soil (BTEX & gro)
10g soil - 10 ml.
10g - 10ml MeOH VOC
10g - 10ml MeOH VOC
10g - 10 ml MeOH VOC
10g - 10 ml MeOH VOC
10g - 10ml MeOH VOC

Sampler's signature: *B. M. Chea*

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-18	1600	01NE06SD116	SD	5 ^{89M}	X	X	X			X	X		
8-18	1630	01NE06SD117	SD	5 ^{89M}	X	X	X			X	X		
8-18	1600	01NE00TB101	SS	1		X	X						
8-19	1115	01NE07SS125	SS	5	X			X	X	X	X		
8-19	1130	01NE07SS126	SS	5	X			X	X	X	X		
8-19	1145	01NE07SS127	SS	5	X			X	X	X	X		
8-19	1530	01NE07SD105	SD	5	X			X	X	X	X		
8-19	1400	01NE07SD104	SD	5	X			X	X	X	X		

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Bonnie M. Chea</i>	Date: <i>8/20/01</i>	Shipped via: <i>GO PRI AK Airlines</i>	Shipping number: <i>2754 1146</i>
Company: <i>Montgomery Watson</i>	Time: <i>1010</i>	Relinquished by:	Temperature blank temperature upon arrival: <i>1.0</i> °C
Received by: <i>Jessie Hinkle</i>	Date: <i>8/21/01</i>	Company:	
Company: <i>AKI</i>	Time: <i>9:45p</i>	Relinquished by:	Custody seal #s: <i>073305, 073295</i>
Received by:	Date:	Company:	
Company:	Time:	Relinquished by:	
		Company:	

01NEC06

COOLER RECEIPT FORM



Resources
Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape
 Shipped by: AK Airlines Tracking No.: 02727541146 Date: 8/21/01
 ARI Project No. DNO7 LIMS Nos.: 01-14449 & 14458

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? Yes No
2. Were custody papers included with the cooler? Yes No
3. Were custody papers properly filled out (ink, signed, etc.)? Yes No
4. Complete custody forms and attach all shipping documents OK NA

Cooler Accepted by: John M. Dwyer Date: 8-21-01 Time: 22:07

Log-In Phase

5. Was a temperature blank included in the cooler? Yes No
6. Record Cooler Temperature 1.0 degrees C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? Yes No
9. Were all bottles sealed in separate plastic bags? Yes No
10. Did all bottles arrive in good condition (unbroken)? Yes No
11. Were all bottle labels complete and legible? Yes No
12. Did all bottle labels and tags agree with custody papers? Yes No
13. Were all bottles used correct for the requested analyses? Yes No
14. Do any of the analyses (bottles) require preservative?
 (If so, Preservation Verification checklist must be attached.)
 Yes 8/22/01 No
15. Were all VOA vials free of air bubbles? Yes N/A No
16. Was sufficient amount of sample sent in each bottle? Yes No
17. Notify Project Manager of any discrepancies or concerns OK NA

Cooler Opened by: Debra L. Brown Date: 8/21/01 Time: 22:07

Explain any discrepancies or negative responses:

01NEC09

COOLER RECEIPT FORM

Analytical
Resources
Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape
Delivered by: AK Airlines Tracking No.: 02727541146 Date: 8/21/01
ARI Project No. DNO7 LIMS Nos.: 01-014459 to 014466

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? Yes No
2. Were custody papers included with the cooler? Yes No
3. Were custody papers properly filled out (ink, signed, etc.)? Yes No
4. Complete custody forms and attach all shipping documents OK NA

Cooler Accepted by: SSnyder Date: 8/21/01 Time: 9:50

Log-In Phase

5. Was a temperature blank included in the cooler? Yes No
6. Record Cooler Temperature 1.0 degrees C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? Yes No
9. Were all bottles sealed in separate plastic bags? Yes No
10. Did all bottles arrive in good condition (unbroken)? Yes No
11. Were all bottle labels complete and legible? Yes No
12. Did all bottle labels and tags agree with custody papers? Yes No
13. Were all bottles used correct for the requested analyses? Yes No
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) Yes No
15. Were all VOA vials free of air bubbles? Yes NA No
16. Was sufficient amount of sample sent in each bottle? Yes No
17. Notify Project Manager of any discrepancies or concerns OK NA

Cooler Opened by: Richard Huns Date: 8/21/01 Time: 21:50

Explain any discrepancies or negative responses:

Samples 01NE07SS125, 01NE07SS126, 01NE07SS127 each had the metals
containers read 01NE07SD... 125, 126, 127. We will use 755 per the rest of
the samples unless notified.

PLEASE TYPE

027

Airport of Departure

2754 1146

Subject to Conditions of Contract on the Back of the Airbill

**INSURANCE
AVAILABLE**

027 2754 1248

SHIPPER'S NAME AND ADDRESS McGraw-Hill 1221 Avenue of the Americas New York, NY 10020-1097		SHIPPER'S ACCOUNT NUMBER 2744-006515-1		NOT NEGOTIABLE AIR WAYBILL (AIR CONSIGNMENT NOTE)		Alaska Airlines SEATTLE-TACOMA INTERNATIONAL AIRPORT SEATTLE, WASHINGTON	
ISSUING CARRIER'S NAME AND ADDRESS Alaska Airlines 4100 Spenard Road Anchorage, AK 99517				COPIES 3, 9 AND 1 OF THIS AIR WAYBILL ARE ORIGINALS AND HAVE THE SAME VALIDITY. IT IS AGREED THAT THE GOODS DESCRIBED HEREIN ARE ACCEPTED FOR CARRIAGE IN APPARENT GOOD ORDER AND CONDITION (EXCEPT AS NOTED) AND SUBJECT TO THE CONDITIONS OF CONTRACT ON THE REVERSE HEREOF. THE SHIPPER'S ATTENTION IS DRAWN TO THE NOTICE CONCERNING CARRIER'S LIMITATION OF LIABILITY.			
CONSIGNEE'S NAME AND ADDRESS ARI 333 Ninth Avenue North Seattle, WA 98109-5187		CONSIGNEE'S ACCOUNT NUMBER 		TO EXPEDITE MOVEMENT, SHIPMENT MAY BE DIVERTED TO MOTOR OR OTHER CARRIER AS PER TARIFF RULE UNLESS SHIPPER GIVES OTHER INSTRUCTIONS HEREON.			
AGENTS IATA CODE 				ACCOUNT NO. 			
AIRPORT OF DEPARTURE (ADDR OF FIRST CARRIER) AND REQUESTED ROUTING 				ALSO NOTIFY NAME AND ADDRESS (OPTIONAL ACCOUNTING INFORMATION) 			
ROUTING AND DESTINATION TO BY FIRST CARRIER TO BY TO BY 				CURRENCY 		CHGS CODE 	
AIRPORT OF DESTINATION 				WT/MAL PPD COLL 		OTHER PPD COLL 	
FOR CARRIER USE ONLY FLIGHT/DATE FLIGHT/DATE 				AMOUNT OF INSURANCE 		INSURANCE - If shipper requests insurance in accordance with conditions on reverse hereof, indicate amount to be insured in figures in box marked amount of insurance.	
HANDLING INFORMATION These commodities licensed by US for ultimate destination. Diversion contrary to US law is prohibited. frigerate - Do not freeze GO-PRI							
NO. OF PIECES RCP 		GROSS WEIGHT 		RATE CLASS COMMODITY ITEM NO. 		CHARGEABLE WEIGHT 	
RATE CHARGE 		TOTAL 		NATURE AND QUANTITY OF GOODS (INCL. DIMENSIONS OR VOLUME) 			
PREPAID 		WEIGHT CHARGE 		COLLECT 		PICKUP CHARGES 	
VALUATION CHARGE 		DELIVERY CHARGES 		DEST. ADVANCE CHARGES 		DESCRIPTION OF DEST. ADVANCE 	
TAX 		OTHER CHARGES AND DESCRIPTION 				ITEMS PREPAID 	
TOTAL OTHER CHARGES DUE AGENT 		TOTAL OTHER CHARGES DUE CARRIER 				SIGNATURE OF SHIPPER OR HIS AGENT ABOVE AND INITIAL APPLICABLE BOX BELOW. ☒ THIS SHIPMENT DOES NOT CONTAIN DANGEROUS GOODS. ☐ THIS SHIPMENT DOES CONTAIN DANGEROUS GOODS.	
COD 		CURRENCY 		EXECUTED ON 			
TOTAL PREPAID 		TOTAL COLLECT 		SIGNATURE OF ISSUING CARRIER OR ITS AGENT 			
CURRENCY CONVERSION RATES 		TOTAL COLLECT IN DESTINATION CURRENCY 		CARRIER CERTIFIES GOODS DESCRIBED ABOVE WERE RECEIVED FOR CARRIAGE SUBJECT TO THE CONDITIONS ON REVERSE HEREOF. THE GOODS THEN BEING IN APPARENT GOOD ORDER AND CONDITION EXCEPT AS NOTED HEREON.			

Ø1NEC 29

[illegible]

Relinquished by: <i>Eileen Maw</i> Company: <i>Montgomery Watson</i>	Date <i>8-22-01</i> Time <i>1730</i>	Shipped via: <i>Alaska Online GO PRI</i>	Shipping number: <i>027 254 1135</i>
Received by: <i>James G. Gyle</i> Company: <i>ARI</i>	Date <i>8-24-01</i> Time <i>1000</i>	Relinquished by: Company:	Temperature blank temperature upon arrival: <i>2.0°C</i>
Received by: Company:	Date Time	Relinquished by: Company:	Custody seal #s: <i>17861, 17877</i>

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 01NEC29 Delivered By: ak Airlines
Tracking NO.: 027 27541135 Date: 8-24-01
ARI Job No.: DN36 Lims NO.: 01-14768 to 01-14713

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Kevin Gyles Date: 8-24-01 Time: 1000

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 2.0 °C
7. What kind of packing material was used? Bubblewrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? 88 KTA ☒ YES ☒ NO 8/24/01
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: Kevin Gyles Date: 8-24-01 Time: 1000

Explain any discrepancies or negative responses:

① Temp blank contained 1 pea size air bubble in 2 VOA's. Will tag and instruct to use VOA without air bubbles.

Ø1NEC.30

DN36



Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

WATER, COOL to 4 °C

Sampler's signature:

Sang, Quint Melissa Marshall

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: *Eileen M. Watson*
Company: Montgomery Watson

Date 8-22-01
Time 1730

Shipped via: 027 GO PRI
AKAL ~~cash~~

Shipping number: 627 AUC
2754 1135

Received by: Peggy L. Lyle
Company: XY

Date 8-24-01
Time 945

Relinquished by:	Date
Company:	Time

Temperature blank temperature upon arrival: 1.5°C

Received by:
Company:

Date _____
Time _____

Relinquished by: _____ Date: _____
Company: _____ Time: _____

Custody seal #s:
17771, 1753

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 81NEC30 Delivered By: ak Airlines
Tracking NO.: 027 27541135 Date: 8-24-01
ARI Job No.: DN36 Lims NO.: 01-14704

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Susan Siepla Date: 8-24-01 Time: 9:45

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 1.5 °C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? N/A ☒ YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns..... OK ☒ NA

Cooler Opened By: Susan Siepla Date: 8/24/01 Time: 9:45

Explain any discrepancies or negative responses:

DN36



**Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett**

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature:

Sarg. Janet Melissa Markell	
Sample ID	Matrix

Water
and SOIL, Cool to 4°C

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>G. J. [Signature]</i> Company: <i>Fileen Matus</i> Montgomery Watson	Date: <i>8-22-01</i> Time: <i>1730</i>	Shipped via: <i>Go 20 AK AL</i> <i>GO PRI</i>	Shipping number: <i>027 2754 1135</i>
Received by: <i>[Signature]</i> Company: <i>AKI</i>	Date: <i>8-24-01</i> Time: <i>9:30</i>	Relinquished by: _____ Company: _____	Temperature blank temperature upon arrival: _____ °C <i>2.5°C</i>
Received by: _____ Company: _____	Date: _____ Time: _____	Relinquished by: _____ Company: _____	Custody seal #s: <i>17874</i> <i>17791</i> , <i>17810</i>

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
 COC NO.: Q1NEC31 Delivered By: AK Airlines
 Tracking NO.: 027 27541135 Date: 8-24-01
 ARI Job No.: DN36 Lims NO.: 01-14702

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
 To the outside of the cooler? 2 front & back ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Juan Pinder Date: 8-24-01 Time: 9:30

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 2.5 °C
7. What kind of packing material was used? Bubblewrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
 (If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? N/A YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns. ☒ OK NA

Cooler Opened By: Juan Pinder Date: 8-24-01 Time: 9:30

Explain any discrepancies or negative responses:

DN36



Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature;

Samp. Qunt Melissa Marshall			
Sample ID	Matrix	To	

WATER, COOL to 4 °C

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Shipping number:
027 2754 1135

Temperature blank temperature upon arrival: °C
3.5 °C

Custody seal #s:
17856 17760

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 01NEC32 Delivered By: ak Airlines
Tracking NO.: 027 27541135 Date: 8-24-01
ARI Job No.: DN36 Lims NO.: 01-14702 OC

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Jason Purple Date: 8-24-01 Time: 9:32

Log-IN Phase:

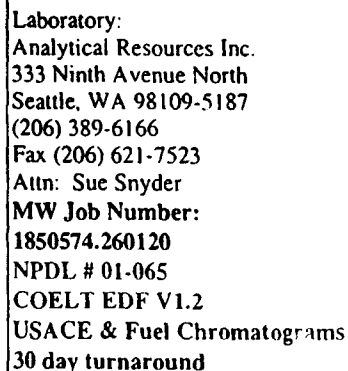
5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 3.5 °C
7. What kind of packing material was used? Bubblewrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? N/A ☒ YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler Opened By: Jason Purple Date: 8-24-01 Time: 9:32

Explain any discrepancies or negative responses:

* 2 A/G for PNA = 01NE29SW117 8/24/01

Ø1NEC 33



WATER, COOL to 4 °C

Sampler's signature: _____

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Shipping number: ~~A767~~ 027 2754 1135

Temperature blank temperature upon arrival: $^{\circ}\text{C}$
 2.0°C

Custody seal #s:
17767, 17876

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sample ID		Matrix
-----------	--	--------

[illegible]

Relinquished by: <i>Eileen Maus</i>	Date: <i>8-22-9</i>	Shipped via:	Shipping number: <i>027</i> <i>2754 1135</i>
Company: <i>Montgomery Watson</i>	Time: <i>1730</i>		
Received by: <i>Susan Joyce</i>	Date: <i>8-24-9</i>	Relinquished by:	Temperature blank temperature upon arrival: °C
Company: <i>ARI</i>	Time: <i>950</i>	Company:	<i>2.5</i>
Received by:	Date:	Relinquished by:	Custody seal #s:
Company:	Time:	Company:	<i>17525 17524</i>

Cooler Receipt Form

ANALYTICAL
RESOURCES
INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 01NEC 35 Delivered By: ak Airlines
Tracking NO.: 027 27541135 Date: 8-24-01
ARI Job No.: DN36 Lims NO.: 01-14705

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Susan Snyder Date: 8-24-01 Time: 950

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 2.5 °C
7. What kind of packing material was used? Bubblewrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? N/A ☒ YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns..... OK ☒ NA

Cooler Opened By: Susan Snyder Date: 8-24-01 Time: 950

Explain any discrepancies or negative responses:

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Lang. Gust Melissa Markell

[illegible]

WATER, COOL to 4 °C

DRO/RRO AK102/103
2 X 1L Amber Glass w/HCL

GRO/BTEX AK101/SW8260B
3 X 40- ml vial w/HCL

V(C)Cs SW8260B
3 X 40- ml vial w/SVOCs SW8270C
2 X 1L Amber GlassPAHs SW8270C SIM
2 X 1 L Amber GlassPCBs SW8082
2 X 1 L Amber Glass

Metals SW60108/7060A/7131A/7191/
7421/7471
1x1 L Poly. w/HN03

Alkalinity EPA 310.1
1 x 1 L Poly

Sulfate EPA 300
1 x 1 L Poly

Methane, Ethane, Ethene RSK 175
3 x 40 ml glass vials w/ HCL

COMMENTS

metals bottle
received for this
sample 88
8/24/01

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

receipt of sample, please fax COC
y: *Eileen Watson*
Eileen Watson
Montgomery Watson

Shipped via:

AK AL

Shipping number:

027 2754 1135

Peter Snyder
XRI

Date 8-24-01
Time 955

Relinquished by:

Date _____

Temperature blank temperature upon arrival: °C

2.5

Received by:

Date _____

Relinquished by:

Date _____

Custody seal #s:

ly seal #s: 17792 17857

PRINTED IN U.S.A. FORM AC-17-A-68 REV 8/96



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms

30 day turnaround

Sampler's signature:

[Signature]

SOIL, Cool to 4°C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	TAL Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
08-24-01	1045	01NE21SS 109	SS	9	X	X	X	X		X	X		MS/MSD BTEX SIM GRO TAL Metals Only
08-24-01	1050	01NE21SS 269	SS	6	X	X	X	X		X	X		
08-24-01	1900	01NE00TB 111	SS	2		X	X	X					
08-24-01	1610	01NE09SD 108	SD	1				X					
08-24-01	1705	01NE09SD 109	SD	1				X					
08-24-01	1540	01NE09SD 107	SD	1				X					
08-24-01	0920	01NE09SD 114	SD	5	X			X	X	X	X	X	
08-24-01	0830	01NE09SD 113	SD	3			X	X					MS/MSD VOC only
08-24-01	0835	01NE09SD 213	SD	1				X					
08-24-01	0920	01NE09SD 114	SD	2				X					MS/MSD VOC only
08-24-01	0950	01NE09SS 171	SS	2		X	X						
		01NE09SD 114											

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Johanna L. Dreher</i> Company: <i>Montgomery Watson</i>	Date: <i>08-26-01</i> Time: <i>1600</i>	Shipped via: <i>Goldstreak</i>	Shipping number: <i>4218 3890</i>
Received by: <i>[Signature]</i> Company: <i>ARI</i>	Date: <i>8-28-01</i> Time: <i>11:00</i>	Relinquished by: _____ Company: _____	Temperature blank temperature upon arrival: <i>2.5°</i> °C
Received by: _____ Company: _____	Date: _____ Time: _____	Relinquished by: _____ Company: _____	Custody seal #: <i>3,4</i>

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 47 01NEC47 Delivered By: Fed X
Tracking NO.: 02742183890 Date: 8/28/01
ARI Job No.: DN 68 Lims NO.: 01-15015-01-15077

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: [Signature] Date: 8/28/01 Time: 11:00

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 2.5°C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES ☒ NO
15. Were all VOA vials free of air bubbles? ☒ YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler Opened By: [Signature] Date: 8/28/01 Time: 11:00

Explain any discrepancies or negative responses:



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

DN68

SOIL, Cool to 4°C

Sampler's signature: *Boncheva*

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	Pesticides SW 8260B 1 x 4oz. amber glass jar	COMMENTS
8-23-01	1043	01NE34SS104	SS	1						X ✓			
8-24-01	1900	01NE31SS101	SS	3	X ✓					X ✓		X ✓	
8-24-01	1903	01NE31SS102	SS	5	X ✓					X ✓		X ✓	MS/MSD Pesticides, R. Bailey
8-24-01	1915	01NE31SS202	SS	2						X ✓		X ✓	
8-24-01	1920	01NE31SS103	SS	3	X ✓					X ✓		X ✓	
8-24-01	1925	01NE31SS104	SS	3	X ✓					X ✓		X ✓	
8-24-01	2000	01NE32SS101	SS	1	X ✓							X ✓	
8-24-01	2005	01NE32SS102	SS	1	X ✓								
8-24-01	2010	01NE32SS103	SS	3	X ✓					X ✓		X ✓	
8-24-01	2015	01NE32SS104	SS	3	X ✓					X ✓		X ✓	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Johanna L. Disher</i> Company: <i>Montgomery Watson</i>	Date: <i>08-26-01</i> Time: <i>1600</i>	Shipped via: <i>Goldstreak</i>	Shipping number: <i>4218 3842</i>
Received by: <i>Gerald Archibald</i> Company: <i>ARI</i>	Date: <i>8/28/01</i> Time: <i>11:00</i>	Relinquished by: Company:	Temperature blank temperature upon arrival: <i>1.0</i> °C
Received by:	Date:	Relinquished by:	Custody seal #: <i>17, 18</i>
Company:	Time:	Company:	

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: North East Cape
COC NO.: 54 DINEC54 Delivered By: Feb-X
Tracking NO.: 42183842 Date: 8/28/01
ARI Job No.: DN68 Lims NO.: 61-15015-01-15077

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Daniel H. Brown Date: 8/28/01 Time: 11:08

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 1.0 °C
7. What kind of packing material was used? Bubblewrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES ☒ NO
15. Were all VOA vials free of air bubbles? ☒ YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler Opened By: Daniel H. Brown Date: 8/28/01 Time: 11:08

Explain any discrepancies or negative responses:



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Samuel Pinet
B. McChesney
William A. Smith
William Marshall

Sampler's signature:

SOIL, Cool to 4°C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 3250B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
08-24-01	1100	01NE21SB169	SB	3	X ✓					X ✓	X ✓		
08-24-01	1130	01NE21SB170	SB	3	X ✓					X ✓	X ✓		
08-24-01	1125	01NE21SS170	SS	3	X ✓					X ✓	X ✓		
08-24-01	1020	01NE21SB171	SB	3	X ✓					X ✓	X ✓		
08-24-01	0950	01NE21SS171	SS	3	X ✓					X ✓	X ✓		
08-24-01	1345	01NE21SS172	SS	3	X ✓					X ✓	X ✓		
08-24-01	1340	01NE21SS173	SS	3	X ✓					X ✓	X ✓		
08-24-01	1130	01NE14SS101	SS	1						X ✓			
08-24-01	1135	01NE14SS102	SS	1						X ✓			
08-24-01	1140	01NE14SS103	SS	2						X ✓			MS/MSD PCB only
08-24-01	1145	01NE14SS203	SS	1						X ✓			
08-24-01	1505	01NE21SD113	SD	3	X ✓					X ✓	X ✓		
08-24-01	1425	01NE21SD114	SD	3	X ✓					X ✓	X ✓		

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Johanna L. Dreher</i> Company: <i>Montgomery Watson</i>	Date: <i>08-26-01</i> Time: <i>1600</i>	Shipped via: <i>Gold streak</i>	Shipping number: <i>4218 3912</i>
Received by: <i>E. Joshi</i> Company: <i>ARI</i>	Date: <i>12/28/01</i> Time: <i>1125</i>	Relinquished by: Company:	Temperature blank temperature upon arrival: <i>3.5</i> °C
Received by: Company:	Date: Time:	Relinquished by: Company:	Custody seal #s: <i>25, 26</i>

Cooler Receipt Form



ARI Client: MONTGOMERY WATSON Project Name: NE CAPE
COC NO.: 01NE 58 Delivered By: AK AIRLINES
Tracking NO.: 0274283912 Date: 8-27-01
ARI Job No.: DN69 Lims NO.: 01-15058 to 01-15076

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: gq Date: 8/28/01 Time: 1125

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 3.5 °C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) YES ☒ NO
15. Were all VOA vials free of air bubbles? YES ☒ NA NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: gq Date: 8/28/01 Time: 1200

Explain any discrepancies or negative responses:

DNGA



**Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett**

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166

Fax (206) 621-7523

Attn: Sue Snyder

MW Job Number:

1850574.260120

NPDL # 01-065

COELT EDF V1.2

USACE & Fuel Chromatograms

30 day turnaround

Sampler's signature:

USACE & Fuel Chromatograms
30 day turnaround

SOIL, Cool to 4°C

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Johanne L. Dreher
Company: Johanne L. Dreher
Montgomery Watson

Date ~~00-26-01~~

Time 1600

Shipped via: Goldstreak

Shipping number: 4218 3923

Received by: *a Josh*
Company: *ARI*

Date 5/28/07

Time 11:25

Relinquished by:

Date _____

Temperature blank temperature upon arrival: °C

25

Received by:

Date _____

Relinquished by:

Date _____

Custody seal #s: 27, 28

27, 28

Company:

Time

Company:

Time

**ANALYTICAL
RESOURCES
INCORPORATED**

Preliminary Examination Phase:

- Cooler Accepted BY:
- EQ
- Date:
- 8/28/07
- Time:
- 1125

Cooler Opened By: CEZ Date: 8/28/09 Time: 1200[illegible]

DNSS

-0.5

 Montgomery Watson Harza 4100 Spenard Road Anchorage AK 99517 (907) 248-8883 Fax (907) 248-8884 Attn: Jane Whitsett		Laboratory: Analytical Resources Inc. 333 Ninth Avenue North Seattle, WA 98109-5187 (206) 389-6166 Fax (206) 621-7523 Attn: Sue Snyder MW Job Number: 1850574.260120 NPDL # 01-065 COELT EDF V1.2 USACE & Fuel Chromatograms 30 day turnaround		SOIL, Cool to 4°C									
		DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar				
Sampler's signature: <i>[Signature]</i>													
Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-23-01	0830	01NE33SS101	SS	2	X✓					X✓			
8-23-01	0835	01NE33SS102	SS	2	X✓					X✓			
8-23-01	0840	01NE33SS103	SS	2	X✓					X✓			
8-23-01	1030	01NE34SS101	SS	3	X✓				X✓	X✓			
8-23-01	1035	01NE34SS102	SS	3	X✓				X✓	X✓			
8-23-01	1040	01NE34SS103	SS	3	X✓				X✓	X✓			
8-23-01	1045	01NE34SS105	SS	1	X✓								
8-23-01	1050	01NE34SS106	SS	1	X✓					END			
8-23-01	1100	01NE34SS107	SS	3	X✓					X✓		X✓	
8-23-01	1105	01NE34SS108	SS	3	X✓					X✓		X✓	
8-23-01	1110	01NE34SS109	SS	3	X✓					X✓		X✓	
8-23-01	1115	01NE34SS110	SS	3	X✓					X✓		X✓	
8-23-01	1130	01NE34SS111	SS	2	X✓				X✓				
8-23-													

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Johanna Dreher</i>	Date: 8-24-01	Shipped via: <i>AK AL Gold Streak</i>	Shipping number: <i>027 2754 1050</i>
Company: <i>Montgomery Watson</i>	Time: 1000	Relinquished by:	Date:
Received by: <i>[Signature]</i>	Date: 8/25/01	Company:	Time:
Company: <i>AR</i>	Time: 1410	Relinquished by:	Date:
Received by:	Date:	Company:	Time:
Company:	Time:	Relinquished by:	Date:
		Company:	Time:
		Custody seal #s: <i>17768, 17788</i>	

Cooler Receipt Form

ANALYTICAL
RESOURCES
INCORPORATED

ARI Client: Montgomery Watson Project Name: NorthEast Cape
COC NO.: 01 NEC 43 Delivered By: Alaska Airlines
Tracking NO.: 02727541080 Date: 8/25/01
ARI Job No.: DN55 Lims NO.: 01-14855 to 01-14871

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached

To the outside of the cooler? ☒ YES NO

2. Were custody papers included with the cooler ☒ YES NO

3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO

4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: ERIC BRANSON Date: 8/25/01 Time: 1400

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO

6. Record Cooler Temperature..... -0.5 °C

7. What kind of packing material was used? Bubble wrap

8. Was sufficient ice used (if appropriate)? ☒ YES NO

9. Were all bottles sealed in separate plastic bags? ☒ YES NO

10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO

11. Were all bottle labels complete and legible? ☒ YES NO

12. Did all bottle labels and tags agree with custody papers? ☒ YES NO

13. Were all bottles used correct for the requested analyses? ☒ YES NO

14. Do any of the analyses (bottles) require preservative?

(If so, Preservation checklist must be attached) YES ☒ NO

15. Were all VOA vials free of air bubbles? YES ☒ NA NO

16. Was sufficient amount of sample sent in each bottle? ☒ YES NO

17. Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler ^{logged} Opened By: ER Date: 8/27/01 Time: 1030

Explain any discrepancies or negative responses:

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Ø1N' 40



Relinquished by: Johanna Dreher	Date 8-24-01	Shipped via:	Shipping number:
Company: Montgomery Watson	Time 1000	AK AL GO PRI	027 2754 1080
Received by: [Signature]	Date 8/25/01	Relinquished by:	Temperature blank temperature upon arrival: °C
Company: ARI	Time 1410	Company:	- 0.5
Received by:	Date	Relinquished by:	Custody seal #s:
Company:	Time	Company:	17517, 17516



**Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett**

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

WATER, COOL to 4 °C

Sampler's signature:

USACE & Fuel Chromatograms
30 day turnaround

Sample	USACE	Fuel
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
18	100	100
19	100	100
20	100	100
21	100	100
22	100	100
23	100	100
24	100	100
25	100	100
26	100	100
27	100	100
28	100	100
29	100	100
30	100	100
31	100	100
32	100	100
33	100	100
34	100	100
35	100	100
36	100	100
37	100	100
38	100	100
39	100	100
40	100	100
41	100	100
42	100	100
43	100	100
44	100	100
45	100	100
46	100	100
47	100	100
48	100	100
49	100	100
50	100	100
51	100	100
52	100	100
53	100	100
54	100	100
55	100	100
56	100	100
57	100	100
58	100	100
59	100	100
60	100	100
61	100	100
62	100	100
63	100	100
64	100	100
65	100	100
66	100	100
67	100	100
68	100	100
69	100	100
70	100	100
71	100	100
72	100	100
73	100	100
74	100	100
75	100	100
76	100	100
77	100	100
78	100	100
79	100	100
80	100	100
81	100	100
82	100	100
83	100	100
84	100	100
85	100	100
86	100	100
87	100	100
88	100	100
89	100	100
90	100	100
91	100	100
92	100	100
93	100	100
94	100	100
95	100	100
96	100	100
97	100	100
98	100	100
99	100	100
100	100	100
101	100	100
102	100	100
103	100	100
104	100	100
105	100	100
106	100	100
107	100	100
108	100	100
109	100	100
110	100	100
111	100	100
112	100	100
113	100	100
114	100	100
115	100	100
116	100	100
117	100	100
118	100	100
119	100	100
120	100	100
121	100	100
122	100	100
123	100	100
124	100	100
125	100	100
126	100	100
127	100	100
128	100	100
129	100	100
130	100	100
131	100	100
132	100	100
133	100	100
134	100	100
135	100	100
136	100	100
137	100	100
138	100	100
139	100	100
140	100	100
141	100	100
142	100	100
143	100	100
144	100	100
145	100	100
146	100	100
147	100	100
148	100	100
14		

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna Dreher
Company: Montgomery Watson

Date 6-24-01
Time 1000

Shipped via: ALAL Gold Streak

Shipping number:
027 2754 1080

Received by:

Company:

Date 8/25/01
Time 1420

Relinquished by: _____ Date _____
Company: _____ Time _____

Temperature blank temperature upon arrival: $^{\circ}\text{C}$
0.5

Received by:
Company:

Date _____
Time _____

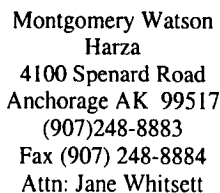
Relinquished by: _____ Date _____
Company: _____ Time _____

Custody seal #s:
17789, 17518

~~6~~

Alaska. 2001 Chain of Custody

Ø1N. 39



Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

WATER, COOL to 4 °C

Sampler's signature:

USACE & Fuel Chromatograms
30 day turnaround

Doug Quist
Tek M. G. & Mel B. Madell

DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL
GRO/BTEX AK101/SW8260B 3 X 40- ml vial w/HCL
VOCs SW8260B 3 X 40- ml vial w/HCL
SVOCs SW8270C 2 X 1L Amber Glass
PAHs SW8270C SIM 2 X 1L Amber Glass
PCBs SW8082 2 X 1L Amber Glass
Metals SW6010B/7060A/7131A/7191/ 7421/7471 1x1 L Poly. w/HN03
Alkalinity EPA 310.1 1 x 1 L Poly
Sulfate EPA 300 1 x 1 L Poly
Methane, Ethane, Ethene RSK 175 3 x 40 ml glass vials w/ HCL

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Date 8-24-01
Time 1500

Shipped via:
AKAL GO PRI

Shipping number:
027 2754 1080

Date 8/25/01
Time 1470

Relinquished by: _____ Date _____
Company: _____ Time _____

Temperature blank temperature upon arrival: 2.0 °C

Date _____
Time _____

Relinquished by:	Date
Company:	Time

Custody seal #s:
17515, 17514



Montgomery Watson
Harza
4100 Spennard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

WATER, COOL to 4 °C

Sampler's signature:

USACE & Fuel Chromatograms
30 day turnaround

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna Dreher	Date 8-24-01	Shipped via:	Shipping number:
Company: Montgomery Watson	Time 10:00	AL AL GOPRI	027 2754 1080
Received by: [Signature]	Date 8/25/01	Relinquished by:	Temperature blank temperature upon arrival: °C
Company: ALI	Time 14:20	Company:	2.0
Received by:	Date	Relinquished by:	Custody seal #s:
Company:	Time	Company:	17786, 17772

2. ~~0~~

Northeast Cape, St. Lawrence Isl. Alaska. 2001 Chain of Custody

Cooler™/COC#: Ø1N. 38



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chroma
30 day turnaround

Sampler's signature:

COELTEDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

WATER, COOL to 4 °C

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna Dreher
Company : 1 Montgomery Watson

Date 8-24-01
Time 1000

Shipped via:

Shipped via:
AKAL GODRI

Shipping number:

027 2754 1080

Received by: Mark B. [Signature]
Company: ARI

Date 8/25/01
Time 1410

Relinquished by:

Company:

Date _____

Time

Temperature blank temperature upon arrival: °C

2.0

Received by:

Date _____

Relinquished by:

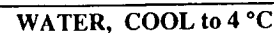
Company:

Date _____

Time

Custody seal #s:

17512, 17513

CoolerID/COC#: Ø1NEC 39
46

Relinquished by: <u>Johanna Dreher</u>	Date <u>8-24-01</u>	Shipped via: <u>AK AL Gold Streak</u>	Shipping number: <u>021-2754-1080</u>
Company: <u>Montgomery Watson</u>	Time <u>1000</u>		
Received by: <u>[Signature]</u>	Date <u>8/25/01</u>	Relinquished by:	Temperature blank temperature upon arrival: °C
Company: <u>[Signature]</u>	Time <u>1410</u>	Company:	<u>1.5°C</u>
Received by:	Date	Relinquished by:	Custody seal #s:
Company:	Time	Company:	<u>17787, 17790</u>

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 42 Delivered By: Fed-X
Tracking NO.: 027 2754 1080 Date: 8/25/01
ARI Job No.: DN53 Lims NO.: 01-14852-01-14856

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Deland Pherson Date: 8/25/01 Time: 14:10

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 0.5 °C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES ~~NA~~ NO
15. Were all VOA vials free of air bubbles? YES ☒ NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler Opened By: Deland Pherson Date: 8/25/01 Time: 14:10

Explain any discrepancies or negative responses:

OLIVE OATS 108 (3 of 3) Air bubbles - trip Blank all less than
pea size.

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 37 Delivered By: Fed-X
Tracking NO.: 02727541080 Date: 8/25/01
ARI Job No.: DN53 Lims NO: 014849 - 014851

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Deborah Plummer Date: 8/25/01 Time: 14:10

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 2.0 °C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES ~~NA~~ NO
15. Were all VOA vials free of air bubbles? ☒ YES ~~NA~~ NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: Deborah Plummer Date: 8/25/01 Time: 14:00

Explain any discrepancies or negative responses:

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 38 Delivered By: Fed-X
Tracking NO.: 027 27541080 Date: _____
ARI Job No.: DN53 Lims NO.: 01-14848-01-14848

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted By: Deborah Plummer Date: 8/25/01 Time: 14:10

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 2.0 °C
7. What kind of packing material was used? Bubblewrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) YES NA NO
15. Were all VOA vials free of air bubbles? YES NA NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler Opened By: Deborah Plummer Date: 8/25/01 Time: 14:10

Explain any discrepancies or negative responses:

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 40 Delivered By: Fed-X
Tracking NO.: _____ Date: 8/25/01
ARI Job No.: DN53 Lims NO.: 01-14845-01-14847

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Deborah Flinn Date: 8/25/01 Time: 14:10

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 2.5 °C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NA NO
15. Were all VOA vials free of air bubbles? ☒ YES NA NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened BY: Deborah Flinn Date: 8/25/01 Time: 14:10

Explain any discrepancies or negative responses:

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 39 Delivered By: Fed-X
Tracking NO.: 0272754108 Date: 8/25/01
ARI Job No.: DY53 Lims NO.: 01-14844 - 01-14844

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: William H. H. H. Date: 8/25/01 Time: 14:10

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 2.0 °C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NA NO
15. Were all VOA vials free of air bubbles? ☒ YES NA NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: William H. H. H. Date: 8/25/01 Time: 14:10

Explain any discrepancies or negative responses:

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: North East Cape
COC NO.: #46 Delivered By: Feb-X
Tracking NO.: _____ Date: 8/25/01
ARI Job No.: DN53 Lims NO.: 01-14842-01-14843

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Debra L. Plummer Date: 8/25/01 Time: 14:10

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 1.5 °C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES NA NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: Debra L. Plummer Date: 8/25/01 Time: 14:10

Explain any discrepancies or negative responses:

Tal Metals Container Included
Not on COC

027 2754 1080 027 2754 1080

Airport of
Departure

Subject to Conditions of
Contract on the Back of
the Airbill

INSURANCE
AVAILABLE

SHIPPERS NAME AND ADDRESS
**Montgomery Watson
Harza**
4100 Spensard Road

SHIPPERS ACCOUNT NUMBER
2744-006515-1

NOT NEGOTIABLE
AIR WAYBILL
(AIR CONSIGNMENT NOTE)

Alaska Airlines
SEATTLE-TACOMA INTERNATIONAL AIRPORT
SEATTLE, WASHINGTON

Copies 3, 9 and 1 of this Air Waybill are originals and have the same validity.

CONSIGNEE'S NAME AND ADDRESS
Anchorage, AK 99517
ARI

Site: Northeast

It is agreed that the goods described herein are accepted for carriage in apparent good order and condition (except as noted) and SUBJECT TO THE CONDITIONS OF CONTRACT ON THE REVERSE HEREOF. THE SHIPPER'S ATTENTION IS DRAWN TO THE NOTICE CONCERNING CARRIER'S LIMITATION OF LIABILITY.

333 Ninth Avenue

North Seattle, WA 98109-5187

TO EXPEDITE MOVEMENT, SHIPMENT MAY BE DIVERTED TO MOTOR OR OTHER CARRIER AS PER TARIFF RULE UNLESS SHIPPER GIVES OTHER INSTRUCTIONS HEREON.

ISSUING CARRIER'S AGENT NAME AND CITY

ALSO NOTIFY NAME AND ADDRESS (OPTIONAL ACCOUNTING INFORMATION)

Call Upon Arrival 206-389-6167

KEEP COOL- DO NOT FREEZE

Flight 152 → 186

AGENTS IATA CODE

ACCOUNT NO.

AIRPORT OF DEPARTURE (ADDR OF FIRST CARRIER) AND REQUESTED ROUTING

PRIORITY

ROUTING AND DESTINATION

CURRENCY

OTHER

DECLARED VALUE FOR CARRIAGE

DECLARED VALUE FOR CUSTOMS

TO BY FIRST CARRIER

PPD COLL

AIRPORT OF DESTINATION

TC

HANDLING INFORMATION These commodities licensed by US for ultimate destination. Diversion contrary to US law is prohibited.

Refrigerate- Do not freeze

GO PRI

NO. OF PIECES	GROSS WEIGHT	kg	RATE CLASS COMMODITY ITEM NO.	CHARGEABLE WEIGHT	RATE CHARGE	TOTAL	NATURE AND Q JANTITY OF GOODS (INCL. DIMENSIONS OR VOLUME)
7							

PREPAID WEIGHT CHARGE COLLECT

P-UP
ZONE

PICKUP CHARGES

ORIGIN ADVANCE CHARGES

DESCRIPTION OF ORIGIN ADVANCE

VALUATION CHARGE

DEL
ZONE

DELIVERY CHARGES

DEST. ADVANCE CHARGES

DESCRIPTION OF DEST. ADVANCE

TAX

OTHER CHARGES AND DESCRIPTION

ITEMS PREPAID

ITEMS COLLECT

TOTAL OTHER CHARGES DUE AGENT

TOTAL OTHER CHARGES DUE CARRIER

SIGNATURE OF SHIPPER OR HIS AGENT ABOVE AND INITIAL APPLICABLE BOX BELOW.

THIS SHIPMENT DOES NOT
CONTAIN DANGEROUS GOODS.

THIS SHIPMENT DOES
CONTAIN DANGEROUS GOODS.

EXECUTED ON

(Date) (Time) at (Place)

SIGNATURE OF ISSUING CARRIER OR ITS AGENT.

Carrier certifies goods described above were received for carriage subject to the Conditions on reverse hereof, the goods then being in apparent good order and condition except as noted hereon

0272754 1080

FOR CARRIERS USE ONLY
AT DESTINATION

PRINTED IN U.S.A. FORM AC-17-SC-88 REV. 11-80



Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

SOIL, Cool to 4°C

Sampler's signature:

Lang Quint Melvin Marshall		Matrix	To
Sample ID			

[illegible]

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

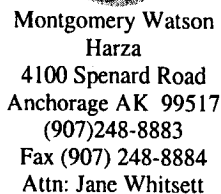
Shipping number:
027 2754 435

Temperature blank temperature upon arrival: 3.5 °C

Custody seal #s: 17773, 17779

01-14750 - 01-14763

Ø. -C 26



Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166

Attn: Sue Snyder

MW Job Number:

1850574.260120

NPDL # 01-065

COELT EDF V1.2

USACE & Fuel Ch

USACE & Fuel Chromatograms

DRO/RRO AK102/103
1 x 4oz. amber glass jar

BTEX SW 8260B
1 l x 2oz. Glass jar w/MeOH

GRO AK101
1 x 2oz. glass jar w/MeOH

VOCs SW8260B
1 x 2oz. glass jar w/MeOH

PAHs SW8270C SIM
1 x 4oz. amber glass jar

PCBs SW8082
1 x 4oz. amber glass jar

Ph Zn cr
Metals SW6010B/7000
1 x 4oz. amber glass jar

TOC lab method
1 x 4oz. amber glass jar

FINAL Metals
S06010B/7000

COMMENTS

Sampler's signature:

Lang. Gust Melissa Markell			
Sample ID		Mat	Tot

[illegible]

ms/msd	0201000	Zn, only
	PAH, PCB, Pb	

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: Eileen Maus
Company: Montgomery Watson

Date 8-22-01
Time 1730

Shipped via: **AK AL**
GO PRI

Shipping number:
027 2754 1135

Received by: Gerson Lopez
Company: MR

Date 8-24-01
Time 955

Relinquished by: _____ Date _____
Company: _____ Time _____

Temperature blank temperature upon arrival: °C
1.5°C

Received by:	Date:
Company:	Time:

Relinquished by:	Date
Company:	Time

Custody seal #s:
17782, 17781

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 01NEC26 Delivered By: ak Airlines
Tracking NO.: 027 27541135 Date: 8-24-01
ARI Job No.: DN40 Lims NO.: 01-14750-01-14755

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: [Signature] Date: 8-24-01 Time: 955

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 1.5 °C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) YES ☒ NO
15. Were all VOA vials free of air bubbles? YES ☒ NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: [Signature] Date: 8/24/01 Time: 9:55

Explain any discrepancies or negative responses:

Cooler Receipt Form

ANALYTICAL
RESOURCES
INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 01/NEC 27 Delivered By: ak Airlines
Tracking NO.: 027 27541135 Date: 8-24-01
ARI Job No.: DN40 Lims NO.: 01-14756 - 01-14761

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted By: Pesma Pyda Date: 8-24-01 Time: 9:40

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 3.5 °C
7. What kind of packing material was used? Bubblewrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ... VOA - at bench ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler Opened By: Pesma Pyda Date: 8-24-01 Time: 9:40

Explain any discrepancies or negative responses:

DN39



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907) 248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

SOIL, Cool to 4°C

Sampler's signature:

Jane Whitsett *Melissa Markels*

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7400 1 x 4oz. amber glass jar <i>Pb, Zn, Cr</i>	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-20	1020	01NE28SD171	SD	5	X✓				X✓	X✓	X✓	X✓	
8-20	1030	01NE28SD172	SD	5	X✓				X✓	X✓	X✓	X✓	
8-20	1035	01NE28SD173	SD	5	X✓				X✓	X✓	X✓	X✓	
8-20	1040	01NE28SD174	SD	5	X✓				X✓	X✓	X✓	X✓	
8-20	1045	01NE28SD175	SD	5	X✓				X✓	X✓	X✓	X✓	
8-20	1055	01NE28SD176	SD	5	X✓				X✓	X✓	X✓	X✓	
8-20	1025	01NE28SD2761	SD	4	X✓				X✓	X✓	X✓		01NE28SD271
8-20	1050	01NE28SD275	SD	4	X✓				X✓	X✓	X✓		

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Eileen Maus</i> Company: Montgomery Watson	Date: 8-22-01 Time: 1730	Shipped via: AKAL GO PRI	Shipping number: 627 2754 1135
Received by: <i>Jessie Juple</i> Company: ALI	Date: 8-24-01 Time: 4:50	Relinquished by: Company:	Temperature blank temperature upon arrival: 3.5 °C
Received by: Company:	Date: Time:	Relinquished by: Company:	Custody seal #s: 17527, 17528



**Montgomery Watson
Harza
4100 Spennard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett**

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

SOIL, Cool to 4°C

Sampler's signature:

James Quint Melissa & Markell

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by

by Eileen Maud
Montgomery Watson

Date **8-22-01**

Time 1730

Shipped via: Air Mail

GO PRI

Shipping number:

027 2754-1135

Received by:

Susan Gyler
 ARI

Date 8-24-0

Time 945

Relinquished by:

Company:

Date _____

Time

Temperature blank temperature upon arrival:

°C

1.502

Received by:

Date _____

Relinquished by:

Company:

Date _____

Time

Custody seal #s:

17783. 17784

DN39



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

SOIL, Cool to 4°C

Sampler's signature:

Samuel Markell

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000g 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-20	1355	01NE28SD159	SD	5	X✓				X✓	X✓	X✓	X✓	
8-20	1405	01NE28SD160	SD	5	X✓				X✓	X✓	X✓	X✓	
8-20	1410	01NE28SD161	SD	5	X✓				X✓	X✓	X✓	X✓	
8-20	1430	01NE28SD163	SD	5	X✓				X✓	X✓	X✓	X✓	
8-20	1440	01NE28SD164	SD	5	X✓				X✓	X✓	X✓	X✓	
8-20	1435	01NE28SD263	SD	4	X✓				X✓	X✓	X✓		

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Eileen Maus</i>	Date 8-22-01	Shipped via:	Shipping number:
Company: Montgomery Watson	Time 1730	AK AL GO PRI	027 2754 1135
Received by: <i>Patricia Fuxler</i>	Date 8-24-01	Relinquished by:	Temperature blank temperature upon arrival: °C
Company: AKI	Time 945	Company:	1.5
Received by:	Date	Relinquished by:	Custody seal #s:
Company:	Time	Company:	17778, 17862

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
 COC NO.: 01NEC21 Delivered By: AK Airlines
 Tracking NO.: 027 27541135 Date: 8-24-01
 ARI Job No.: DN 39 Lims NO.: 01-14736 to 01-14749

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
 To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: James Hyslop Date: 8-24-01 Time: 9:50

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 3.5 °C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? YES ☒ NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
 (If so, Preservation checklist must be attached) AK 102/103 water only ☒ YES ☒ NO 8/24/01
15. Were all VOA vials free of air bubbles? YES ☒ NA NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: cm Date: 8-24-01 Time: 1000

Explain any discrepancies or negative responses:

01NE28SD172 PCB JAR TIME ON LABEL = 1130
01NE28SD173 PCB " " " " = 1030
met " " NO TIME LISTED 8/24/01

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: QINEC22 Delivered By: ak Airlines
Tracking NO.: 027 27541135 Date: 8-24-01
ARI Job No.: DN39 Lims NO.: 01-14736 - 01-14743

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Susan Juyeler Date: 8-24-01 Time: 945

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 1.5 °C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES ☒ NO 8/24/01
15. Were all VOA vials free of air bubbles? YES ☒ NA NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns OK NA

Cooler Opened By: ej Date: 8/24/01 Time: 1000

Explain any discrepancies or negative responses:

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 01NEC24 Delivered By: AK Airlines
Tracking NO.: 027 27541135 Date: 8-24-01
ARI Job No.: DN39 Lims NO.: 01-14730 - 61-14735

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Theresa Snyder Date: 8-24-01 Time: 945

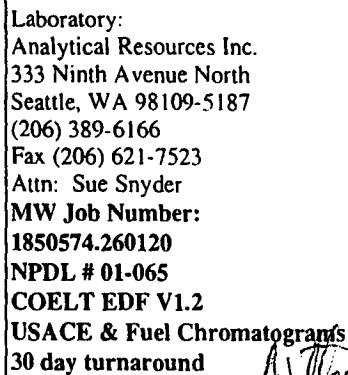
Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 1.5 °C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) AK102/103 YES ☒ NO
15. Were all VOA vials free of air bubbles? YES ☒ NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: g Date: 8-24-01 Time: 1000

Explain any discrepancies or negative responses:

Ø1NEC 65

**Sampler's signature:**

Donnerstag

Relinquished by: <i>Bonnie M. Chen</i>	Date: <i>8-28-00</i>	Shipped via: <i>Gold Stream</i>	Shipping number: <i>4210 4015</i>
Company: <i>Montgomery Watson</i>	Time: <i>1200</i>	<i>AK AK</i>	
Received by:	Date	Relinquished by:	Temperature blank temperature upon arrival: °C
Company:	Time	Company:	<i>4.0</i>
Received by:	Date	Relinquished by:	Custody seal #s:
Company:	Time	Company:	<i>17889 / 17895</i>

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: NECape
COC NO.: 01 NEC 6A Delivered By: AK AIRLINES
Tracking NO.: 027 4218 4015 Date: 8/29/01
ARI Job No.: DN88 Lims NO.: 01-15273

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: ay Date: 8/29/01 Time: 1355

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 4.0 °C
7. What kind of packing material was used? BUBBLEWRAP
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? YES ☒ NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler Opened By: [Signature] Date: 8/29/01 Time: 1605

Explain any discrepancies or negative responses:

ONECO TB119 - AIR BUBBLES (trip blanks)

Ø1NEC ¹ / U



COMMENTS

Custody seal #s:
17556 & 17555

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: NE Cape
COC NO.: 01NEC70 Delivered By: AK Airlines
Tracking NO.: 02742183971 Date: 8/29/01
ARI Job No.: DN88 Lims NO.: 01-15273-0-15280

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

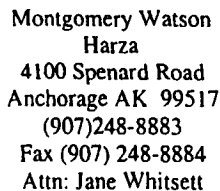
Cooler Accepted BY: ey Date: 8/29/01 Time: 1355

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 4.0 °C
7. What kind of packing material was used? BUBBLE WRAP
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler Opened By: [Signature] Date: 8/29/01 Time: 1605

Explain any discrepancies or negative responses:



Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

WATER, COOL to 4 °C

Sampler's signature:[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: <u>Bonnie McNamee</u>	Date <u>8-28-09</u>	Shipped via: <u>Gold Street AK HL</u>	Shipping number: <u>42104413</u>
Company: <u>Montgomery Watson</u>	Time <u>1200</u>		
Received by: <u>Goshi</u>	Date <u>8/29/09</u>	Relinquished by:	Temperature blank temperature upon arrival: <u>1.5</u> °C
Company: <u>ARI</u>	Time <u>1600</u>	Company:	
Received by:	Date	Relinquished by:	Custody seal #s: <u>17080 & 17170</u>
Company:	Time	Company:	

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: NECape
COC NO.: 01NEC 71 Delivered By: AK Airlines
Tracking NO.: 027421844B Date: 8/29/01
ARI Job No.: DN30 Lims NO.: 01-15273-01-15280

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: [Signature] Date: 8/29/01 Time: 1600

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 1.5 °C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: [Signature] Date: 8/29/01 Time: 1605

Explain any discrepancies or negative responses:

Ø1NEC-72



William A. Small

Relinquished by: <u>William A. Connell</u>	Date <u>8-28-01</u>	Shipped via: <u>AK. Air. Goldstveck</u>	Shipping number: <u>4218 4030</u>
Company: <u>Montgomery Watson</u>	Time <u>200</u>		
Received by: <u>Gjoshu</u>	Date <u>8/29/01</u>	Relinquished by:	Temperature blank temperature upon arrival: °C
Company: <u>ARI</u>	Time <u>1605</u>	Company:	<u>2.0</u>
Received by:	Date	Relinquished by:	Custody seal #s:
Company:	Time	Company:	<u>2911 & 17258</u>

Cooler Receipt Form

ANALYTICAL
RESOURCES
INCORPORATED

ARI Client: Montgomery Watson Project Name: NECape
COC NO.: 01NEC72 Delivered By: AK Airlines
Tracking NO.: 02742184030 Date: 8/29/01
ARI Job No.: DN88 Lims NO.: 01-15273-15280

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: [Signature] Date: 8/29/01 Time: 1605

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 20 °C
7. What kind of packing material was used? BUBBLEWRAP
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler Opened By: [Signature] Date: 8/29/01 Time: 1600

Explain any discrepancies or negative responses:

.....

.....

.....

.....

.....

.....

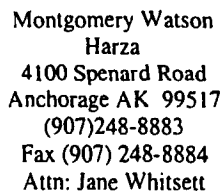
.....

.....

.....

.....

Ø1NEC 67



Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chroma
30 day turnaround

Sampler's signature:[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: <i>Bonnie McLean</i>	Date <i>8-28-01</i>	Shipped via: <i>Atx Hl Gld Stream</i>	Shipping number: <i>4210 4402</i>
Company: <i>Montgomery Watson</i>	Time <i>1200Z</i>		
Received by: <i>Ego Shi</i>	Date <i>8/29/01</i>	Relinquished by:	Temperature blank temperature upon arrival: °C
Company: <i>ARI</i>	Time <i>1355</i>	Company:	<i>5.0</i>
Received by:	Date	Relinquished by:	Custody seal #s:
Company:	Time	Company:	<i>17854 / 17255</i>

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: NEC
COC NO.: 01 NEC 67 Delivered By: AK Airlines
Tracking NO.: 027 4218 4402 Date: 8/29/01
ARI Job No.: DN 88 Lims NO.: 01-15273- 01-15280

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: [Signature] Date: 8/29/01 Time: 13 1555

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 5.0°C
7. What kind of packing material was used? Bubble wrap/bags
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: [Signature] Date: 8/29/01 Time: 1605

Explain any discrepancies or negative responses:

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

DRO/RRO AK102/103
1 x 4oz. amber glass jar

BTEX SW 8260B
1 l x 2oz. Glass jar w/MeOH

GRO AK101
1 l x 2oz. glass jar w/MeOH

VOCs SW8260B
1 x 2oz. glass jar w/MeOH

PAHs SW8270C SIM
1 x 4oz. amber glass jarPCBs SW8082
1 x 4oz. amber glass jar

Metals SW6010B7000 Pb Zn Cr
1 x 4oz. amber glass jar

TOC lab method
1 x 4oz. amber glass jar

[illegible]

COMMENTS

ms/msd DRO/PCO, PAFBIM
PCB, Metals only

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Shipping number:
2754 1146

Temperature blank temperature upon arrival: 1.000 °C

Custody seal #s:
17323, 17552

DNO4

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

Cooler ID/CoC#

01NEC13



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPD L # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Melissa Markell

SOIL, Cool to 4°C

Sampler's signature: Douglas Quint Bruchman

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B#000- 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-18	1610	01NE28SD129	SD		X✓				X✓	X✓	X✓	X✓	
8-18	1615	01NE28SD130	SD		X✓				X✓	X✓	X✓	X✓	
8-18	1620	01NE28SD131	SD		X✓				X✓	X✓	X✓	X✓	
8-18	1630	01NE28SD132	SD		X✓				X✓	X✓	X✓	X✓	
8-18	1630	01NE28SD133	SD		X✓				X✓	X✓	X✓	X✓	
8-18	1635	01NE28SD134	SD		X✓				X✓	X✓	X✓	X✓	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Eileen Maurer</i> Company: Montgomery Watson	Date 8-20-01 Time 1000	Shipped via: <i>AK Airlines</i> <i>GO PRI</i>	Shipping number: <i>2754 1146</i>
Received by: <i>Juan Aguilar</i> Company: <i>ARI</i>	Date 8/21/01 Time 2215	Relinquished by: Company:	Temperature blank temperature upon arrival: <i>20°C</i> °C
Received by: Company:	Date Time	Relinquished by: Company:	Custody seal #s: <i>3160, 17364</i>

01NEC10

COOLER RECEIPT FORM



Analytical
Resources
Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape
Delivered by: Al Clevines Tracking No.: 02727541146 Date: 8/21/04
ARI Project No. DN04 LIMS Nos.: 01-14386 01-14404

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? Yes No
2. Were custody papers included with the cooler?..... Yes No
3. Were custody papers properly filled out (ink, signed, etc.)?..... Yes No
4. Complete custody forms and attach all shipping documents..... OK NA

Cooler Accepted by: Susan Huxley Date: 8-21-0 Time: 2215

Log-in Phase

5. Was a temperature blank included in the cooler? Yes No
6. Record Cooler Temperature 2.0 degrees C
7. What kind of packing material was used?..... Bubblewrap
8. Was sufficient ice used (if appropriate)?..... Yes No
9. Were all bottles sealed in separate plastic bags?..... Yes No
10. Did all bottles arrive in good condition (unbroken)?..... Yes No
11. Were all bottle labels complete and legible?..... Yes No
12. Did all bottle labels and tags agree with custody papers?..... Yes No
13. Were all bottles used correct for the requested analyses?..... Yes No
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) Yes No
15. Were all VOA vials free of air bubbles?..... Yes NA No
16. Was sufficient amount of sample sent in each bottle?..... Yes No
17. Notify Project Manager of any discrepancies or concerns OK NA

Cooler Opened by: logged by [signature] Date: 8/22/04 Time: 900

Explain any discrepancies or negative responses:

01 NEC 12

COOLER RECEIPT FORM



Resources
Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape
 Delivered by: AK Airlines Tracking No.: 02727541146 Date: 8/21/01
 ARI Project No. DW04 LIMS Nos.: 01-14386 - 01-14404

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? Yes No
2. Were custody papers included with the cooler? Yes No
3. Were custody papers properly filled out (ink, signed, etc.)? Yes No
4. Complete custody forms and attach all shipping documents OK NA

Cooler Accepted by: Seamus Doyle Date: 8-21-01 Time: 0210

Log-In Phase

5. Was a temperature blank included in the cooler? Yes No
6. Record Cooler Temperature 1.0°C degrees C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? Yes No
9. Were all bottles sealed in separate plastic bags? Yes No
10. Did all bottles arrive in good condition (unbroken)? Yes No
11. Were all bottle labels complete and legible? Yes No
12. Did all bottle labels and tags agree with custody papers? Yes No
13. Were all bottles used correct for the requested analyses? Yes No
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) Yes No
15. Were all VOA vials free of air bubbles? Yes NA No
16. Was sufficient amount of sample sent in each bottle? Yes No
17. Notify Project Manager of any discrepancies or concerns OK NA

Cooler Opened by: cs Date: 8/22/01 Time: 900

Explain any discrepancies or negative responses:

61 NE 12

COOLER RECEIPT FORM



Analytical
Resources
Incorporated

RI Client: Montgomery Watson Project: Northeast Cape
Delivered by: St. Guilhermes Tracking No.: 02727541146 Date: 8/21/01
ARI Project No. DNOF LIMS Nos.: 01-14386-01-14409

Preliminary Examination Phase

- | | | |
|--|------------|----|
| 1. Were intact, properly signed and dated custody seals attached to the outside of cooler? | <u>Yes</u> | No |
| 2. Were custody papers included with the cooler? | <u>Yes</u> | No |
| 3. Were custody papers properly filled out (ink, signed, etc.)? | <u>Yes</u> | No |
| 4. Complete custody forms and attach all shipping documents | <u>OK</u> | NA |

Cooler Accepted by: James Snyder Date: 8-21-01 Time: 2230

Log-In Phase

- | | | |
|--|--------------------|-----------|
| 5. Was a temperature blank included in the cooler? | <u>Yes</u> | No |
| 6. Record Cooler Temperature | <u>2.0</u> | degrees C |
| 7. What kind of packing material was used? | <u>Bubble wrap</u> | |
| 8. Was sufficient ice used (if appropriate)? | <u>Yes</u> | No |
| 9. Were all bottles sealed in separate plastic bags? | <u>Yes</u> | No |
| 10. Did all bottles arrive in good condition (unbroken)? | <u>Yes</u> | No |
| 11. Were all bottle labels complete and legible? | <u>Yes</u> | No |
| 12. Did all bottle labels and tags agree with custody papers? | <u>Yes</u> | No |
| 13. Were all bottles used correct for the requested analyses? | <u>Yes</u> | No |
| 14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) | Yes | <u>No</u> |
| 15. Were all VOA vials free of air bubbles? | Yes <u>NA</u> | No |
| 16. Was sufficient amount of sample sent in each bottle? | <u>Yes</u> | No |
| 17. Notify Project Manager of any discrepancies or concerns | OK | NA |

Cooler Opened by: logged by Date: 8/22/01 Time: 900

Explain any discrepancies or negative responses:

PLEASE TYPE

Airport of Departure

2754 1146

**Subject to Conditions of
Contract on the Back of
the Airbill**

**INSURANCE
AVAILABLE**

027 2754 1146

[illegible]

DN70
01-15078 : 01-15089

 Montgomery Watson Harza 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 Attn: Jane Whitsett		Laboratory: Analytical Resources Inc. 333 Ninth Avenue North Seattle, WA 98109-5187 (206) 389-6166 Fax (206) 621-7523 Attn: Sue Snyder MW Job Number: 1850574.260120 NPDL # 01-065 COELT EDF V1.2 USACE & Fuel Chromatograms 30 day turnaround		SOIL, Cool to 4°C									
		DRO/RRO AK102/103 1 x 4oz. amber glass jar	ETEX SW 8260B SIM 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar				
Sampler's signature: <i>Bonchaan</i>													
Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	ETEX SW 8260B SIM 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8/24	1130	Ø1NE21SB170	Soil	2		1 ✓	1 ✓						
8/24	1125	Ø1NE21SS170	Soil	2		1 ✓	1 ✓						
8/24	0900	Ø1NE24SD114	SD	2		1 ✓	1 ✓						
8/24	1505	Ø1NE21SD113	SD	2		1 ✓	1 ✓						
8/24	0905	Ø1NE24SD214	SD	2		1 ✓	1 ✓						
8/24	1100	Ø1NE21SB169	Soil	2		1 ✓	1 ✓						
8/24	1020	Ø1NE21SB171	Soil	2		1 ✓	1 ✓						
8/24	1345	Ø1NE21SS172	Soil	2		1 ✓	1 ✓						
8/24	1425	Ø1NE21SD114	SD	2		1 ✓	1 ✓						
8/24	1340	Ø1NE21SS173	Soil	2		1 ✓	1 ✓						
8/24	0930	Ø1NE24SD115	SD	2		1 ✓	1 ✓						
8/24	1900	Ø1NE00TB109	SD	1		1 ✓	1 ✓						

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Johanna L. Dreher</i> Company: <i>Montgomery Watson</i>	Date: <i>08-26-01</i> Time: <i>1600</i>	Shipped via: <i>Goldstream</i>	Shipping number: <i>4218 4435</i>
Received by: <i>Joshua</i> Company: <i>ARI</i>	Date: <i>8/28/01</i> Time: <i>1310</i>	Relinquished by:	Temperature blank temperature upon arrival: °C <i>5.0</i>
Received by:	Date:	Relinquished by:	Custody seal #: <i>15, 16</i>
Company:	Time:	Company:	

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 53 Delivered By: Fed X
Tracking NO.: 027 4218 4435 Date: 8/28/01
ARI Job No.: DN 70 Lims NO.: 01-15078 - 01-15089

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

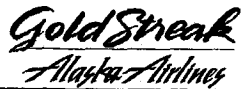
Cooler Accepted BY: Deborah Hansen Date: 8/28/01 Time: 11:00

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 5.0 °C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) YES NA NO
15. Were all VOA vials free of air bubbles? YES NA NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened BY: Deborah Hansen Date: 8/28/01 Time: 11:00

Explain any discrepancies or negative responses:



www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline Origin
027-1 *Alaska*

AIR WAYBILL Number
4218 3853

From Shipper: CECIL WATSON HANSEN 207 242-8883		Total Pieces 1	Total Weight 11.9	MULTIPLE PIECES FOR AS FLIGHTS ONLY Please ☒ If Live Animal ☐					
Address: 1100 SPENCER ROAD		Phone: 207 242-8883		Form of Payment ☐ Cash ☐ Check ☐ GBL-Attach GBL ☒ AS / QX Account Number 207 242-8883 ☐ Credit Card Number		PCS.	WT. RANGE	RATE	CHARGE
City: SEASIDE CA 92081		Zip Code: 92081		Validata Approval (Required for all except cash and GBL) CHECK ONE ONLY ☒ AIRPORT TO AIRPORT SERVICE ☐ PICK-UP ONLY ☐ DELIVERY ONLY ☐ DOOR TO DOOR		1	1-15		
Shipper's Signature X [Signature]		Date 8-24-01		Executed By [Signature]			16-50		75.00
Domestic ☒ International ☐		Insured Value		Declared Value For Customs			51-70		
Airport of Departure		First Carrier		Airport of Destination		Subtotal Charges 75.00			
Nature and Quantity of Goods Sample Soap/Water		Handling Information Kept cool		To Consignee: (Complete Consignee information required on package)		AS COURIER CHARGES			
Address: 1111 11TH AVENUE		Phone: 207 242-8883		City: SEASIDE CA		State: CA		Zip Code 92081	
Consignee's Printed Name - Signature (Received in Good Order Except as Noted)		Time a.m. p.m.		Date		Other Charges			
Airline		Origin		AIR WAYBILL Number		1st Carrier			
027-1		Alaska		4218 3853		2nd Carrier			
						3rd Carrier			
						Tax (Offline only)			
						Pickup (NON AS COURIER)			
						Delivery (NON AS COURIER)			
						Special Service			
						Insurance			
						TOTAL 75.00			

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Door-To-Door Service: (800) 634-7113

2. Consignee Memo

Northeast Cape, St. Lawrence Island Alaska. 2001 Chain of Custody

CoolerID/COC#:

Ø1NEC 08



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

WATER, COOL to 4 °C

Sampler's signature: *[Signature]* *[Signature]*

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: <i>Eden H. [Signature]</i> Company: <i>Montgomery Watson</i>	Date <i>8-20-01</i> Time <i>1000</i>	Shipped via: <i>GO P&E AK Airlines</i>	Shipping number: <i>2754 1146</i>
Received by: <i>Jessie [Signature]</i> Company: <i>ARI</i>	Date <i>8/24/01</i> Time <i>2225</i>	Relinquished by: _____ Company: _____	Temperature blank temperature upon arrival: <i>2.5°C</i>
Received by: _____ Company: _____	Date _____ Time _____	Relinquished by: _____ Company: _____	Custody seal #s: <i>17577 17575</i>

01NEC08

COOLER RECEIPT FORM



Analytical
Resources
Incorporated

ARI Client: MWHarza Project: NECape
Delivered by: He Cuthers Tracking No.: 02727541146 Date: 8/21/01
ARI Project No. DN03 LIMS Nos.: 01-14377-01-14378

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? Yes No
2. Were custody papers included with the cooler? Yes No
3. Were custody papers properly filled out (ink, signed, etc.)? Yes No
4. Complete custody forms and attach all shipping documents OK NA

Cooler Accepted by: Shane Dwyer Date: 8-21-01 Time: 2225

Log-In Phase

5. Was a temperature blank included in the cooler? Yes No
6. Record Cooler Temperature 2.5°C degrees C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? Yes No
9. Were all bottles sealed in separate plastic bags? Yes No
10. Did all bottles arrive in good condition (unbroken)? Yes No
11. Were all bottle labels complete and legible? Yes No
12. Did all bottle labels and tags agree with custody papers? Yes No
13. Were all bottles used correct for the requested analyses? Yes No
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) Yes No
15. Were all VOA vials free of air bubbles? Yes No
16. Was sufficient amount of sample sent in each bottle? Yes No
17. Notify Project Manager of any discrepancies or concerns OK NA

Cooler Opened by: Shane Dwyer Date: 8/21/01 Time: 2225

Explain any discrepancies or negative responses:

CoolerID/COC#: Ø1NEC 04



COMMENTS

Custody seal #s:
17255, 17523

91NEC04

COOLER RECEIPT FORM



Resources
Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape
 Delivered by: AK Airlines Tracking No.: 02727541146 Date: 8/21/01
 ARI Project No. DN03 LIMS Nos.: 01-14379

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? Yes No
2. Were custody papers included with the cooler?..... Yes No
3. Were custody papers properly filled out (ink, signed, etc.)?..... Yes No
4. Complete custody forms and attach all shipping documents..... OK NA

Cooler Accepted by: Jason Frazier Date: 8-21-01 Time: 2200

Log-In Phase

5. Was a temperature blank included in the cooler? Yes No
6. Record Cooler Temperature 1.5°C degrees C
7. What kind of packing material was used?..... Bubble wrap
8. Was sufficient ice used (if appropriate)?..... Yes No
9. Were all bottles sealed in separate plastic bags?..... Yes No
10. Did all bottles arrive in good condition (unbroken)?..... Yes No
11. Were all bottle labels complete and legible?..... Yes No
12. Did all bottle labels and tags agree with custody papers?..... Yes No
13. Were all bottles used correct for the requested analyses?..... Yes No
14. Do any of the analyses (bottles) require preservative?
 (If so, Preservation Verification checklist must be attached.) Yes No
15. Were all VOA vials free of air bubbles?..... Yes No
16. Was sufficient amount of sample sent in each bottle?..... Yes No
17. Notify Project Manager of any discrepancies or concerns OK NA

Cooler Opened by: Robert H. Hume Date: 8/21/01 Time: 22:25

Explain any discrepancies or negative responses:



Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Melissa Markell

Langston Quit Bonnieland

[illegible]

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: <i>Eileen Mares</i>	Date <i>8-26-01</i>	Shipped via: <i>GO PRI AK Airlines</i>	Shipping number: <i>2754 1146</i>
Company: <i>Montgomery Watson</i>	Time <i>1000</i>		
Received by: <i>Debra Snyder</i>	Date <i>8/21/01</i>	Relinquished by:	Temperature blank temperature upon arrival: °C
Company: <i>AKI</i>	Time <i>2205</i>	Company:	<i>0.5°C</i>
Received by:	Date	Relinquished by:	Custody seal #s:
Company:	Time	Company:	<i>17522, 17980</i>

01NEC20

COOLER RECEIPT FORM



Resources
Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape
Delivered by: AK Airlines Tracking No.: 02727541146 Date: 8/21/01
ARI Project No. DN03 LIMS Nos.: 01-14376

Preliminary Examination Phase

- | | | |
|--|------------|----|
| 1. Were intact, properly signed and dated custody seals attached to the outside of cooler? | <u>Yes</u> | No |
| 2. Were custody papers included with the cooler?..... | <u>Yes</u> | No |
| 3. Were custody papers properly filled out (ink, signed, etc.)?..... | <u>Yes</u> | No |
| 4. Complete custody forms and attach all shipping documents..... | <u>OK</u> | NA |

Cooler Accepted by: Kieran Hunter Date: 8-21-01 Time: 2205

Log-In Phase

- | | | |
|--|--------------------|-----------|
| 5. Was a temperature blank included in the cooler? | <u>Yes</u> | No |
| 6. Record Cooler Temperature | <u>0.5</u> | degrees C |
| 7. What kind of packing material was used?..... | <u>Bubble wrap</u> | |
| 8. Was sufficient ice used (if appropriate)?..... | <u>Yes</u> | No |
| 9. Were all bottles sealed in separate plastic bags?..... | <u>Yes</u> | No |
| 10. Did all bottles arrive in good condition (unbroken)?..... | <u>Yes</u> | No |
| 11. Were all bottle labels complete and legible?..... | <u>Yes</u> | No |
| 12. Did all bottle labels and tags agree with custody papers?..... | <u>Yes</u> | No |
| 13. Were all bottles used correct for the requested analyses?..... | <u>Yes</u> | No |
| 14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) | <u>Yes</u> | No |
| 15. Were all VOA vials free of air bubbles?..... | <u>Yes</u> | No |
| 16. Was sufficient amount of sample sent in each bottle?..... | <u>Yes</u> | No |
| 17. Notify Project Manager of any discrepancies or concerns | <u>OK</u> | NA |

Cooler Opened by: [Signature] Date: 8/21/01 Time: 22:25

Explain any discrepancies or negative responses:

CoolerID/COC#: Ø1NEC 11

DINO3



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

WATER, COOL to 4 °C

Sampler's signature:

Jungles Crest Branch	Melina Marks		Total
----------------------	--------------	--	-------

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: <i>Giles</i> Company: <i>Eileen Maus</i> Montgomery Watson	Date <i>8-20-01</i> Time <i>1000</i>	Shipped via: <i>GO PRI AK Airlines</i>	Shipping number: <i>2254 1146</i>
Received by: <i>Pusan</i> Company: <i>AKI</i>	Date <i>8/21/01</i> Time <i>9:50 PM</i>	Relinquished by: _____ Company: _____	Temperature blank temperature upon arrival: _____ °C
Received by: _____ Company: _____	Date _____ Time _____	Relinquished by: _____ Company: _____	Custody seal #s: <i>17987, 17295</i>

01NEC1

COOLER RECEIPT FORM



Resources
Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape
 Delivered by: AK Airlines Tracking No.: 02727541146 Date: 8/21/01
 ARI Project No. DN03 LIMS Nos.: 01-14380, 01-14381

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? Yes No
2. Were custody papers included with the cooler? Yes No
3. Were custody papers properly filled out (ink, signed, etc.)? Yes No
4. Complete custody forms and attach all shipping documents OK NA

Cooler Accepted by: Yoram Puzos Date: 8/28/01 Time: 9:45

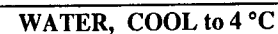
Log-In Phase

5. Was a temperature blank included in the cooler? Yes No
6. Record Cooler Temperature 1.5 degrees C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? Yes No
9. Were all bottles sealed in separate plastic bags? Yes No
10. Did all bottles arrive in good condition (unbroken)? Yes No
11. Were all bottle labels complete and legible? Yes No
12. Did all bottle labels and tags agree with custody papers? Yes No
13. Were all bottles used correct for the requested analyses? Yes No
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) Yes No
15. Were all VOA vials free of air bubbles? Yes No
16. Was sufficient amount of sample sent in each bottle? Yes No
17. Notify Project Manager of any discrepancies or concerns OK NA

Cooler Opened by: Delia Allen Date: 8/21/01 Time: 72:25

Explain any discrepancies or negative responses:

CoolerID/COC#: Ø1NEC 15

[illegible]

Relinquished by: <i>[Signature]</i> Company: <i>Montgomery Watson</i>	Date <i>8-20-01</i> Time <i>1000</i>	Shipped via: <i>GO PRF AK Airlines</i>	Shipping number: <i>2754 1146</i>
Received by: <i>[Signature]</i> Company: <i>AKI</i>	Date <i>8/21/01</i> Time <i>2220</i>	Relinquished by: _____ Company: _____	Temperature blank temperature upon arrival: <i>2.0</i> °C
Received by: _____ Company: _____	Date _____ Time _____	Relinquished by: _____ Company: _____	Custody seal #s: <i>17576, 17571</i>

QINECIS

COOLER RECEIPT FORM



Resources
Incorporated

ARI Client: Montgomery Watson Project: Northeast Cape
 Delivered by: AK Airlines Tracking No.: 02727541146 Date: 8/21/01
 ARI Project No. DN03 LIMS Nos.: 01-14382

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? Yes No
2. Were custody papers included with the cooler? Yes No
3. Were custody papers properly filled out (ink, signed, etc.)? Yes No
4. Complete custody forms and attach all shipping documents OK NA

Cooler Accepted by: Susan Snyder Date: 8/21/01 Time: 2220

Log-In Phase

5. Was a temperature blank included in the cooler? Yes No
6. Record Cooler Temperature 2.0 degrees C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? Yes No
9. Were all bottles sealed in separate plastic bags? Yes No
10. Did all bottles arrive in good condition (unbroken)? Yes No
11. Were all bottle labels complete and legible? Yes No
12. Did all bottle labels and tags agree with custody papers? Yes No
13. Were all bottles used correct for the requested analyses? Yes No
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) Yes No
15. Were all VOA vials free of air bubbles? Yes No
16. Was sufficient amount of sample sent in each bottle? Yes No
17. Notify Project Manager of any discrepancies or concerns OK NA

Cooler Opened by: [Signature] Date: 8/21/01 Time: 22:25

Explain any discrepancies or negative responses:

DNO3



Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

WATER, COOL to 4 °C

Sampler's signature: James Quint Brent as-yeline mark

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Shipping number:
2754 1146

Temperature blank temperature upon arrival: 1.0 °C

Custody seal #s:
17911, 17399

COOLER RECEIPT FORM



Analytical
Resources
Incorporated

RI Client: Montgomery Watson Project: Northeast Cape
Delivered by: Al Ceballos Tracking No.: 02727541146 Date: 8/21/01
ARI Project No. DNO3 LIMS Nos.: _____

Preliminary Examination Phase

- | | | |
|--|------------|----|
| 1. Were intact, properly signed and dated custody seals attached to the outside of cooler? | <u>Yes</u> | No |
| 2. Were custody papers included with the cooler?..... | <u>Yes</u> | No |
| 3. Were custody papers properly filled out (ink, signed, etc.)?..... | <u>Yes</u> | No |
| 4. Complete custody forms and attach all shipping documents..... | <u>OK</u> | NA |

Cooler Accepted by: Susan Ruyter Date: 8-21-01 Time: 2223

Log-In Phase

- | | | |
|--|--------------------|-----------|
| 5. Was a temperature blank included in the cooler? | <u>Yes</u> | No |
| 6. Record Cooler Temperature | <u>7.0</u> | degrees C |
| 7. What kind of packing material was used?..... | <u>Bubble Wrap</u> | |
| 8. Was sufficient ice used (if appropriate)?..... | <u>Yes</u> | No |
| 9. Were all bottles sealed in separate plastic bags?..... | <u>Yes</u> | No |
| 10. Did all bottles arrive in good condition (unbroken)?..... | <u>Yes</u> | No |
| 11. Were all bottle labels complete and legible?..... | <u>Yes</u> | No |
| 12. Did all bottle labels and tags agree with custody papers?..... | <u>Yes</u> | No |
| 13. Were all bottles used correct for the requested analyses?..... | <u>Yes</u> | No |
| 14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) | <u>Yes</u> | No |
| 15. Were all VOA vials free of air bubbles?..... | <u>Yes</u> | No |
| 16. Was sufficient amount of sample sent in each bottle?..... | <u>Yes</u> | No |
| 17. Notify Project Manager of any discrepancies or concerns | <u>OK</u> | NA |

Cooler Opened by: Al Ceballos Date: 8-21-01 Time: 22:25

Explain any discrepancies or negative responses:

SHIPPER'S NAME AND STREET ADDRESS MONTGOMERY WATSON 4100 SPENARD RD ANCHORAGE AK 99501 705		SHIPPER'S ACCOUNT NUMBER 02-440000	
CONSIGNEE'S NAME AND STREET ADDRESS [Blank]		CONSIGNEE'S ACCOUNT NUMBER [Blank]	
ISSUING CARRIER'S AGENT NAME AND CITY [Blank]		ACCOUNTING INFORMATION (OPTIONAL - ALSO NOTIFY NAME AND ADDRESS) [Blank]	
AGENTS IATA CODE [Blank]		ACCOUNT NO. [Blank]	
AIRPORT OF DEPARTURE (ADDR OF FIRST CARRIER) AND REQUESTED ROUTING [Blank]			
ROUTING AND DESTINATION			
TO ANC	BY FIRST CARRIER [Blank]	TO SEA	BY AS
AIRPORT OF DESTINATION SEATTLE		FLIGHT / DATE for Carrier use only A50153/20	
HANDLING INFORMATION These commodities licensed by U.S. for ultimate destination. Diversion contrary to U.S. law is prohibited. [Blank]			

NO. of PIECES RCP	GROSS WEIGHT	kg lb	RATE CLASS COMMODITY ITEM NO.	CHARGEABLE WEIGHT	RATE / CHARGE	TOTAL	NATURE AND QUANTITY OF GOODS (INCL. DIMENSIONS OR VOLUME)

A. PREPAID	WEIGHT CHARGE	COLLECT	PICKUP CHARGES	ORIGIN ADVANCE CHARGES	DESCRIPTION OF ORIGIN ADVANCE	ITEMS PREPAID
B. VALUATION CHARGE			K. DEST. ADVANCE CHARGES		DESCRIPTION OF DEST. ADVANCE	
D. TAX			L. OTHER CHARGES AND DESCRIPTION			
I. TOTAL OTHER CHARGES DUE AGENT			F. OTHER CHARGES AND CHARGE CODES			
TOTAL OTHER CHARGES DUE CARRIER			AC - ANIMAL CONTAINER AS - ASSEMBLY SERVICE FEE AT - ATTENDANT AW - AIR WAYBILL FEE BL - BLACKLIST CERTIFICATE BR - BANK RELEASE CA - PART PREPAID CASH, PART COLLECT CREDIT CB - PART PREPAID CREDIT, PART COLLECT CREDIT CC - ALL CHARGES COLLECT CD - CLEARANCE AND HANDLING DESTINATION CE - CONTAINER PURCHASE CF - C.O.D. FEE CG - ALL CHARGES COLLECT G.B.L. CH - CLEARANCE AND HANDLING ORIGIN CP - DESTINATION COLLECT CASH CT - CASKET AIRTRAY PURCHASE CX - DESTINATION COLLECT CREDIT OR THIRD PARTY DA - DESTINATION ADVANCE DB - DISBURSEMENT FEE DF - DISTRIBUTION SERVICE FEE DL - DELIVERY FC - COLLECT CHARGES FEE GT - GOVERNMENT TAX HR - HUMAN REMAINS IN - INSURANCE PREMIUM LA - LIVE ANIMALS MD - MISCELLANEOUS - DUE LAST CARRIER PC - PART PREPAID CASH, PART COLLECT CASH PD - PART PREPAID CREDIT, PART COLLECT CASH PG - PREPAID G.B.L. AND/OR G.T.R. PK - PACKAGING PP - PREPAID CASH PU - PICK UP PX - PREPAID CREDIT RA - DANGEROUS GOODS SURCHARGE RF - REMIT FOLLOWING COLLECTION FEE SD - SURFACE CHARGE - DESTINATION SI - STOP IN TRANSIT SO - STORAGE - ORIGIN SP - SEPARATE EARLY RELEASE SR - STORAGE - DESTIN/ SS - SIGNATURE SERVICE ST - STATE SALES TAX SU - SURFACE CHARGES TR - TRANSIT TX - TAXES UH - ULD HANDLING VS - EXTRAORDINARY VALUE			
C.O.D. → CURRENCY TOTAL PREPAID TOTAL COLLECT			CURRENCY CONVERSION RATES TOTAL COLLECT IN DESTINATION CURRENCY			
FOR CARRIERS USE ONLY AT DESTINATION (ALL COLLECT CHARGES IN DESTINATION CURRENCY)			TOTAL COLLECT CHARGES			

DK21



MW Job Number:
1850574.260120
NPDL # 01-065

MW Job Number:
1850574.260120
NPDL # 01-065

7-24	1100	Ø1NE35GW1Ø2	GW	15
7-24	1100	Ø1NE35TB1Ø1	GW	3

COMMENTS

~~MEMO~~ BOL

Please record
temperature blank
only in the space
provided.

Following receipt of sample cooler, please fax CoC and Lab cooler check-in form within 24 hours to Sandra Kimbrell at (907) 353-7070 and Eileen Maus At (907) 248-8884
--

Shipped via: **4k. Air Goldstreak**

Shipping number:
1720 4445

Relinquished by: _____ Date: _____
Company: _____ Time: _____

Cooler temperature upon arrival: 2 °C

Relinquished by: _____ Date: _____
Company: _____ Time: _____

Custody seal #s: 17458 17208

40000

Copy - See Bx1

CoolerID/COCC#:
01NEC04

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Eileen Maus

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187

(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder

MW Job Number:
1850574.260120
NPDL # 01-065

Sampler's signature:

William A. O'Connell

Barrie McLean

WATER

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 2 X 1L Amber Glass w/HCL	GRO AK101 3 X 40- ml vial	BTEX SW 8260B 3 X 40-mL vials	Total Mn,Fe SW6020 1 X 1-L Poly w/ HNO3	Alkalinity, Sulfate, Chloride, pH EPA 310.1/EPA 300/EPA 150.1 2 X 1-L Poly	Sulfite EPA 300 1 X 1 L Poly w/ZnOAC	NO2/NO3 as Nitrogen EPA 353.1 1 X 1L Poly w/H2SO4	Dissolved Mn,Fe SW6020 1 X 1L Poly w/ HNO3 500 ml	Nitrogen as Ammonia TKN,COD EPA 350 1 X 1L Poly w/H2SO4	COMMENTS
7-25	1000	01NE35GW101	GW	23	x	x	x	x	x	x	x	x	x	MS/MSD
7-25	1015	01NE35GW201	GW	8	x	x	x							
7-25	1215	01NE35TB102	GW	4		x	x							
7-25	1700	01NE35GW103	GW	15	x	x	x	x	x	x	x	x	x	
7-26	0900	01NE35GW104	GW	15	x	x	x	x	x	x	x	x	x	
LAST Sample for July 2001														Please record temperature blank only in the space provided.
Following receipt of sample cooler, please fax CoC and Lab cooler check-in form within 24 hours to Sandra Kimbrell at (907) 353-7070 and Eileen Maus At (907) 248-8884														

Relinquished by:

Montgomery Watson

Time

1500

Shipped via:

Ak. Airlines Goldstreak

Shipping number:

1720 4423

Received by:

Susan Snyder

Date 7/27/01

Relinquished by:

Date

Cooler temperature upon arrival:

2.0

°C

Company:

ARI

Time

12:00pm

Company:

Time

Received by:

Date

Relinquished by:

Date

Custody seal #s:

Bx1 17595 / 17593

Bx2 17817 / 17818

Bx3 17812 / 17813

Bx4 17012 / 17900

Company:

Time

Company:

Time

500000

COOLER RECEIPT FORM



Analytical
Resources
Incorporated

ARI Client: Montgomery Watson Project: 1850574.260120
 Delivered by: from Goldsboro Tracking No.: 027-ANC-1720-4445 Date: 07/25/01
 ARI Project No. DK21 LIMS Nos.: 01-12541-12543

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? *1458, 17208 ☒ Yes ☐ No
2. Were custody papers included with the cooler? ☒ Yes ☐ No
3. Were custody papers properly filled out (ink, signed, etc.)? ☒ Yes ☐ No
4. Complete custody forms and attach all shipping documents. ☒ OK ☐ NA

Cooler Accepted by: [Signature] Date: 07/25/01 Time: 15:30

Log-In Phase

5. Was a temperature blank included in the cooler? ☒ Yes ☐ No
6. Record Cooler Temperature 2 degrees C
7. What kind of packing material was used? Bubble wrap, plastic bags
8. Was sufficient ice used (if appropriate)? ☒ Yes ☐ No
9. Were all bottles sealed in separate plastic bags? ☒ Yes ☒ No ~~XX~~
10. Did all bottles arrive in good condition (unbroken)? ☒ Yes ☐ No
11. Were all bottle labels complete and legible? ☒ Yes ☐ No
12. Did all bottle labels and tags agree with custody papers? ☒ Yes ☐ No
13. Were all bottles used correct for the requested analyses? ☒ Yes ☐ No
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) ☒ Yes ☐ No
15. Were all VOA vials free of air bubbles? 3 vials / 5 max. P. Bubble ☐ Yes ☒ No
16. Was sufficient amount of sample sent in each bottle? ☒ Yes ☐ No
17. Notify Project Manager of any discrepancies or concerns ☒ OK ☐ NA

Cooler Opened by: [Signature] Date: 07/25/01 Time: 15:40

Explain any discrepancies or negative responses:

The trip blank (VOA) (3) has less than 1mm air bubbles - ok per method
Criteria & ARI SOP's.

** Samples were individually wrapped in Bubble wrap/bags and
plastic bags. SMS 7/26/01 @ 3pm

COOLER RECEIPT FORM



Analytical
Resources
Incorporated

ARI Client: Montgomery Watson Project: NECape (01NEC04) 3 1
Delivered by: Dr. Goldstein Tracking No.: 1720 4423 Date: 7-27-01
ARI Project No. _____ LIMS Nos.: _____

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? ☒ Yes No
2. Were custody papers included with the cooler? ☒ Yes No
3. Were custody papers properly filled out (ink, signed, etc.)? ☒ Yes No
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted by: Jason P. Gude Date: 7/27/01 Time: 2:15 pm

Log-In Phase

5. Was a temperature blank included in the cooler? ☒ Yes No
6. Record Cooler Temperature 2.0 degrees C
7. What kind of packing material was used? Bubble wrap & bags
8. Was sufficient ice used (if appropriate)? ☒ Yes No
9. Were all bottles sealed in separate plastic bags? ☒ Yes No
10. Did all bottles arrive in good condition (unbroken)? ☒ Yes No
11. Were all bottle labels complete and legible? ☒ Yes No
12. Did all bottle labels and tags agree with custody papers? ☒ Yes No
13. Were all bottles used correct for the requested analyses? ☒ Yes No
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) ☒ Yes No
15. Were all VOA vials free of air bubbles? ☒ Yes No
16. Was sufficient amount of sample sent in each bottle? ☒ Yes No
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened by: Jason P. Gude Date: 7-27-01 Time: 1400

Explain any discrepancies or negative responses:

COOLER RECEIPT FORM



Analytical
Resources
Incorporated

RI Client: Montgomery Watson Project: NE Cape 4 of 4
Delivered by: Goldsteel Tracking No.: 17204423 Date: 7-27-01
ARI Project No. _____ LIMS Nos.: _____

Preliminary Examination Phase

- | | | |
|--|------------|----|
| 1. Were intact, properly signed and dated custody seals attached to the outside of cooler? | <u>Yes</u> | No |
| 2. Were custody papers included with the cooler?..... | <u>Yes</u> | No |
| 3. Were custody papers properly filled out (ink, signed, etc.)?..... | <u>Yes</u> | No |
| 4. Complete custody forms, and attach all shipping documents..... | <u>OK</u> | NA |

Cooler Accepted by: [Signature] Date: 7-27-01 Time: 1430

Log-In Phase

- | | | |
|--|-------------------------|-----------|
| 5. Was a temperature blank included in the cooler? | <u>Yes</u> | No |
| 6. Record Cooler Temperature | <u>1.0</u> | degrees C |
| 7. What kind of packing material was used?..... | <u>Bubble wrap/bags</u> | |
| 8. Was sufficient ice used (if appropriate)?..... | <u>Yes</u> | No |
| 9. Were all bottles sealed in separate plastic bags?..... | <u>Yes</u> | No |
| 10. Did all bottles arrive in good condition (unbroken)?..... | <u>Yes</u> | No |
| 11. Were all bottle labels complete and legible?..... | <u>Yes</u> | No |
| 12. Did all bottle labels and tags agree with custody papers?..... | <u>Yes</u> | No |
| 13. Were all bottles used correct for the requested analyses?..... | <u>Yes</u> | No |
| 14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) | <u>Yes</u> | No |
| 15. Were all VOA vials free of air bubbles?..... <u>N/A</u> | <u>Yes</u> | No |
| 16. Was sufficient amount of sample sent in each bottle?..... | <u>Yes</u> | No |
| 17. Notify Project Manager of any discrepancies or concerns | <u>OK</u> | NA |

Cooler Opened by: [Signature] Date: 7-27-01 Time: 1438

Explain any discrepancies or negative responses:

COOLER RECEIPT FORM



Analytical
Resources
Incorporated

ARI Client: Montgomery Watson Project: NE Cape 2 of 4 (OINECOY)
Delivered by: AK Goldstreak Tracking No.: 17204423 Date: 7-27-01
ARI Project No. _____ LIMS Nos.: _____

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? Yes No
2. Were custody papers included with the cooler?..... Yes No
3. Were custody papers properly filled out (ink, signed, etc.)?..... Yes No
4. Complete custody forms and attach all shipping documents..... OK NA

Cooler Accepted by: John Snyder Date: 7-27-01 Time: 2:15pm
Log-In Phase

5. Was a temperature blank included in the cooler? Yes No
6. Record Cooler Temperature 2.0 degrees C
7. What kind of packing material was used?..... Bubble wrap/bags
8. Was sufficient ice used (if appropriate)?..... Yes No
9. Were all bottles sealed in separate plastic bags?..... Yes No
10. Did all bottles arrive in good condition (unbroken)?..... Yes No
11. Were all bottle labels complete and legible?..... Yes No
12. Did all bottle labels and tags agree with custody papers?..... Yes No
13. Were all bottles used correct for the requested analyses?..... Yes No
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) Yes No
15. Were all VOA vials free of air bubbles?..... N/A Yes No
16. Was sufficient amount of sample sent in each bottle?..... Yes No
17. Notify Project Manager of any discrepancies or concerns OK NA

Cooler Opened by: John Snyder Date: 7-27-01 Time: 2:15pm

Explain any discrepancies or negative responses:

COOLER RECEIPT FORM



Analytical
Resources
Incorporated

ARI Client: Montgomery Watson Project: NE Cape 01NEC04 1 of 4
Delivered by: AK Goldstreak Tracking No.: 17204423 Date: 7-27-01
ARI Project No. _____ LIMS Nos.: _____

Preliminary Examination Phase

1. Were intact, properly signed and dated custody seals attached to the outside of cooler? Yes No
2. Were custody papers included with the cooler?..... Yes No
3. Were custody papers properly filled out (ink, signed, etc.)?..... Yes No
4. Complete custody forms and attach all shipping documents..... OK NA

Cooler Accepted by: Sammy Date: 7-27-01 Time: 1350

Log-In Phase

5. Was a temperature blank included in the cooler? Yes No
6. Record Cooler Temperature 4.5 degrees C
7. What kind of packing material was used?..... Bubble wrap, bags
8. Was sufficient ice used (if appropriate)?..... Yes No
9. Were all bottles sealed in separate plastic bags?..... Yes No
10. Did all bottles arrive in good condition (unbroken)?..... Yes No
11. Were all bottle labels complete and legible?..... Yes No
12. Did all bottle labels and tags agree with custody papers?..... Yes No
13. Were all bottles used correct for the requested analyses?..... Yes No
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation Verification checklist must be attached.) Yes No
15. Were all VOA vials free of air bubbles?..... NA Yes No
16. Was sufficient amount of sample sent in each bottle?..... Yes No
17. Notify Project Manager of any discrepancies or concerns OK NA

Cooler Opened by: Sammy Date: 7-27-0 Time: 14:05

Explain any discrepancies or negative responses:

CoolerID/COC#: Ø1NEC 55 ✓

DN 73



Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPD# 01-065
COELT EDF V1.2
USACE & Fuel Chroma

30 day turnaround

Sampler's signature:

USACE & Fuel Chromatograms
30 day turnaround
Michelle A. Powell Douglas Priest
Sandra M. Morrison Marken

WATER, COOL to 4 °C

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna L. Dreher
Company: Montgomery Watson

Date 08-26-01
Time 1600

Shipped via: Goldstrack

Shipping number: 4218 3820

Received by: Jesus Lopez
Company: AK

Date 8/28-01
Time 1100

Relinquished by: _____ Date _____
Company: _____ Time _____

Temperature blank temperature upon arrival: 4.5 °C

Received by:
Company:

Date
Time

Relinquished by: _____ Date _____
Company: _____ Time _____

Custody seal #s: 19, 20

Cooler Receipt Form

ANALYTICAL
RESOURCES
INCORPORATED

ARI Client: Montgomery Watson Project Name: North East Cape
COC NO.: 55 Delivered By: Fred-X Edstrom
Tracking NO.: 027 4218 3820 Date: 8/28/01
ARI Job No.: DIV 73 Lims NO.: 01-15112 - 01-15126

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Deborah L. Linn Date: 8/28/01 Time: 11:00

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 4.5 °C
7. What kind of packing material was used? Bubblewrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: Deborah L. Linn Date: 8/28/01 Time: 11:00

Explain any discrepancies or negative responses:

CoolerID/COC#: Ø1NEC 60 ✓

DN 73



Montgomery Watson
Harza
4100 Spennard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chroma
30 day turnaround-

Sampler's signature:

USACE & Fuel Chromatograms
30 day turnaround-
William A. Gould, Jr. [Signature]
[Signature] [Signature] [Signature]

WATER, COOL to 4 °C

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: <i>Johanna L. Dreher</i> Company: <i>Johanna L. Dreher</i> <i>Montgomery Watson</i>	Date <i>08-26-09</i> Time <i>1600</i>	Shipped via: <i>Goldstreak</i>	Shipping number: <i>4218 3945</i>
Received by: <i>E. Joshi</i> Company: <i>ARI</i>	Date <i>8/25/09</i> Time <i>1310</i>	Relinquished by: Company:	Temperature blank temperature upon arrival: °C <i>4.0</i>
Received by: Company:	Date Time	Relinquished by: Company:	Custody seal #s: <i>31, 32</i>

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 01NEE61 Delivered By: Fast & Goldsteak
Tracking NO.: 027 4218 3945 Date: 8/28/01
ARI Job No.: DN 73 Lims NO.: 01-15112-01-15126

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted By: Deborah Shuman Date: 8/28/01 Time: 11:00

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 4.0 °C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? YES ☒ NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: Deborah Shuman Date: 8/28/01 Time: 11:00

Explain any discrepancies or negative responses:

Sample ID 01NE04WP103 - Bottle Label read
01NE WP104, Times matches

Cooler Receipt Form

ANALYTICAL
RESOURCES
INCORPORATED

ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 51 Delivered By: Fred K Goldstreich
Tracking NO.: 027 4218 3816 Date: 8/28/01
ARI Job No.: DN73 Lims NO.: 01-15112-01-15126

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: Deborah F. Lerner Date: 8/28/01 Time: 11:00

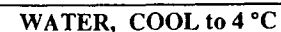
Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 4.5 °C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: Deborah F. Lerner Date: 8/28/01 Time: 11:00

Explain any discrepancies or negative responses:

CoolerID/COC#: 01NEC 62 ✓



COMMENTS

Custody seal #s: 33, 34

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: Northeast Cape
COC NO.: 62 Delivered By: Fed X Goldstreak
Tracking NO.: 027 4218 3956 Date: 8/28/01
ARI Job No.: DN13 Lims NO.: 01-15112-01-15126

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES ☐ NO
2. Were custody papers included with the cooler ☒ YES ☐ NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES ☐ NO
4. Complete custody forms and attach all shipping documents ☒ OK ☐ NA

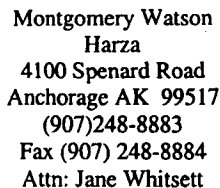
Cooler Accepted BY: Charles Johnson Date: 8/28/01 Time: 11:00

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES ☐ NO
6. Record Cooler Temperature 6.0 °C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? ☒ YES ☐ NO
9. Were all bottles sealed in separate plastic bags? ☒ YES ☐ NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES ☐ NO
11. Were all bottle labels complete and legible? ☒ YES ☐ NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES ☐ NO
13. Were all bottles used correct for the requested analyses? ☒ YES ☐ NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES ☐ NO
15. Were all VOA vials free of air bubbles? ☒ YES ☐ NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES ☐ NO
17. Notify Project Manager of any discrepancies or concerns. ☒ OK ☐ NA

Cooler Opened By: Charles Johnson Date: 8/28/01 Time: 11:00

Explain any discrepancies or negative responses:



Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chroma

COELT EDF V1.2
USACE & Fuel Chromatograms

30 day turnaround

Sampler's signature:

CORRECTION		USACE & Fuel Chromatograms		30 day turnaround	
Druggs Point	Connelley	Melissa	Nashell		
					Total

WATER, COOL to 4 °C

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Bmchee Date: 8-29-01
Company: Montgomery Watson 9/27/01 Time: 1:00

Shipped via:

Ask Aus Gold Sheet

Shipping number:

4218 3982

Received by: E. J. Osh Date 8/28/07
Company: ARI Time 11:25

Relinquished by:

Date _____

Temperature blank temperature upon arrival: °C

Company: ARI Time 1125

Company:

Time

1.5

Received by:	Date
Company:	Time

Relinquished by:

Date _____

Custody seal #s:

study seal #s: 17537 / 17538

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: NE CAPE
COC NO.: 01NEC 63 Delivered By: AK airlines
Tracking NO.: 0274218 3982 Date: 8-27-01
ARI Job No.: DNT1 Lims NO.: 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: ex Date: 8/28/01 Time: 1125

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 1.5 °C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES NA NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: ex Date: 8/28/01 Time: 1600

Explain any discrepancies or negative responses:

CoolerID/COC#: Ø1NEC57 ✓



Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

DN71

WATER, COOL to 4 °C

Sampler's signature:

USACE & Fuel Chromatograms
30 day turnaround

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna L. Dreher
Company: Johanna L. Dreher
Montgomery Watson

Date 08-24-01
Time 1600

Shipped via: Goldstreak

Shipping number: 4218 3901

Received by: *ajoshi*
Company: *ARI*

Date 4/28/01
Time 1310

Relinquished by: _____ Date _____
Company: _____ Time _____

Temperature blank temperature upon arrival: 3.5 °C

Received by:
Company:

Date
Time

Relinquished by: _____ Date _____
Company: _____ Time _____

Custody seal #s: 23, 24

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: NE CAPE
COC NO.: 01NE57 Delivered By: AK Airlines
Tracking NO.: 027 4218 3901 Date: 8-27-01
ARI Job No.: DN71 Lims NO.: 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: ay Date: 8/28/01 Time: 1310

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 3.5 °C
7. What kind of packing material was used? Bubblewrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES NA NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: ay Date: 8/28/01 Time: 1310

Explain any discrepancies or negative responses:

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: NE CAPE
COC NO.: CINEC66 Delivered By: AK airlines
Tracking NO.: 02742183960 Date: 8-27-01
ARI Job No.: DNT1 Lims NO.: 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached

To the outside of the cooler? ☒ YES NO

2. Were custody papers included with the cooler ☒ YES NO

3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO

4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: ay Date: 8/28/01 Time: 1125

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO

6. Record Cooler Temperature 1.5 °C

7. What kind of packing material was used? Bubblewrap

8. Was sufficient ice used (if appropriate)? ☒ YES NO

9. Were all bottles sealed in separate plastic bags? ☒ YES NO

10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO

11. Were all bottle labels complete and legible? ☒ YES NO

12. Did all bottle labels and tags agree with custody papers? ☒ YES NO

13. Were all bottles used correct for the requested analyses? ☒ YES NO

14. Do any of the analyses (bottles) require preservative?

(If so, Preservation checklist must be attached) ☒ YES NO

15. Were all VOA vials free of air bubbles? YES ☒ NO^x

16. Was sufficient amount of sample sent in each bottle? ☒ YES NO

17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler ^{logged} Opened By: ay Date: 8/28/01 Time: 1600

Explain any discrepancies or negative responses:

* CINEC66MW103 & CINEC66TB116 All 3 vials have 6-8 mm pea bubbles 5/

CoolerID/COC#: Ø1NEC 64

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2

USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature:

COELT EDF V1.2					
USACE & Fuel Chromatograms					
30 day turnaround					
<i>Melissa MacVell</i>					
<i>Michael Gust</i>					
					Total

WATER, COOL to 4 °C

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: James M. Khan Date: 8-27-01
Company: Montgomery Watson Time: 0821

Shipped via: air
Gold Stream

Shipping number:

428 3993

Received by: *Ejoni* Date *8/28/07*
Company: *ARI* Time *1125*

Relinquished by:	Date
Company:	Time

Temperature blank temperature upon arrival: °C

2.50

Received by:	Date
Company:	Time

Relinquished by:	Date
Company:	Time

Custody seal #s:

body seal #s:
17562 / 17561

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: NE CAPE
COC NO.: 01NEC64 Delivered By: AK Airlines
Tracking NO.: 007 4218 3993 Date: 8-27-01
ARI Job No.: DN71 Lims NO.: 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

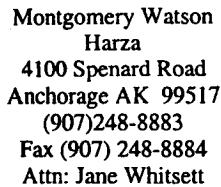
Cooler Accepted BY: cy Date: 8/28/01 Time: 1125

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 2.5 °C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES ☒ A NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns. ☒ OK NA

Cooler Opened By: cy Date: 8/28/01 Time: 1600

Explain any discrepancies or negative responses:

CoolerID/COC#: Ø1NEC 65

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chroma
30 day turnaround

DN 71

WATER, COOL to 4 °C

Sampler's signature:

USACE & Fuel Chromatograms
30 day turnaround

[illegible]

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Montgomery Watson Date 8-27-
Time 1:00

Shipped via: AKA
9d & Streak

Shipping number: 4218 4004

Ar

Date 8/28/07
Time 11:25

Relinquished by
Company:

Date
Time

Temperature blank temperature upon arrival: °C

1.5°

Date _____

Relinquished by:
Company:

Date _____
Time _____

Custody seal #s:

Custody seal #s: 17542/17541

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: NE CAPE
COC NO.: 01NEC 65 Delivered By: AK airlines
Tracking NO.: 027 4218 4004 Date: 8-27-01
ARI Job No.: DN71 Lims NO.: 15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: ay Date: 8/28/01 Time: 1125

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature..... 1.5 °C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NA NO
15. Were all VOA vials free of air bubbles? YES NA NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler Opened By: ay Date: 8/28/01 Time: 1125

Explain any discrepancies or negative responses:

.....

.....

.....

.....

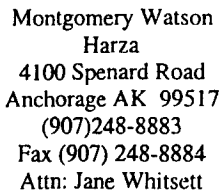
.....

.....

.....

.....

CoolerID/COC#: Ø1NEC 48



Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chroma
30 day turnaround

DN 71

WATER, COOL to 4 °C

Sampler's signature:

USACE & Fuel Chromatograms
30 day turnaround

[illegible]

Please record Temperature Blank only in the space provided

Following receipt of sample, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett At (907) 248-8884

Relinquished by: Johanna E. Dreher
Company: Johanna E. Dreher
Montgomery Watson

Date 08-26-01

Time 1600

Shipped via:

Gold streak

Shipping number:

Shipping number.
4218 3886

Received by: *Egoshi*
Company: *ARI*

Date 8/18/07

Time 1310

Relinquished by:

Date _____

Company:

Time

Temperature blank temperature upon arrival: °C

6.5°

Received by:
Company:

Date _____
Time _____

Relinquished by:
Company:

Date
Time

Custody seal #s: 5, 6

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: NE CAPE
 COC NO.: 01NEC 48 Delivered By: AK Airlines
 Tracking NO.: 027 4218 3886 Date: 8-27-01
 ARI Job No.: D1N71 Lims NO.: 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
 To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: ay Date: 8/28/01 Time: 1310

Log-IN Phase:

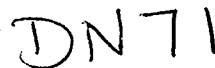
5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 6.5 °C
7. What kind of packing material was used? Bubblewrap
8. Was sufficient ice used (if appropriate)? ☒ YES ☒ NO 8/31/01
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES ☒ NO X
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
 (If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES ☒ NO A
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns. ☒ OK NA

Cooler Opened By: ay Date: 8/28/01 Time: 1600

Explain any discrepancies or negative responses:

NO FOR SAMPLE 01NE24SW114 - ONE PCB BOTTLE LABEL = 01NE24SD114 - TIME = 830
FOR SAMPLE 01NE24SW214 - TWO " " LABELS = 01NE24SD214 - TIME = 835
NOTIFIED P.M. 8/28/01

CoolerID/COC#: 01NEC 50 ✓



Sampler's signature:

USACE & Fuel Chromatograms
30 day turnaround

Relinquished by: <u>Johanne L. Dreher</u> Company: <u>Montgomery Watson</u>	Date <u>08-26-01</u> Time <u>1600</u>	Shipped via: <u>Goldstreak</u>	Shipping number: <u>4218 3853</u>
Received by: <u>G. Osh</u> Company: <u>ARI</u>	Date <u>8/28/01</u> Time <u>1310</u>	Relinquished by: _____ Company: _____	Temperature blank temperature upon arrival: _____ °C <u>4.5°</u>
Received by: _____ Company: _____	Date _____ Time _____	Relinquished by: _____ Company: _____	Custody seal #s: <u>9, 10</u>

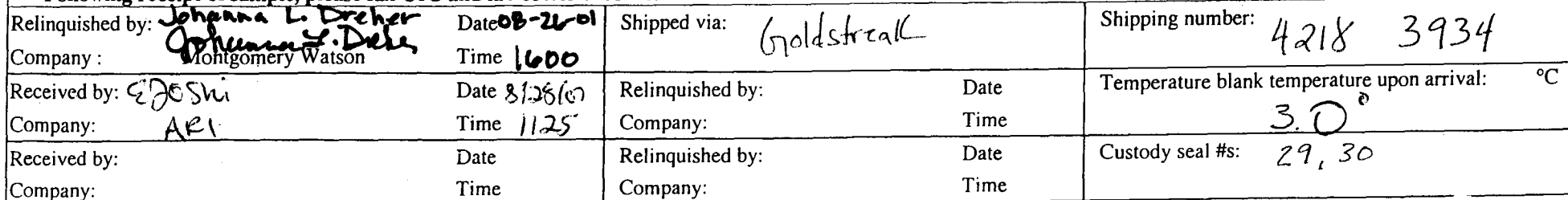
**ANALYTICAL
RESOURCES
INCORPORATED**

Preliminary Examination Phase:

- Cooler Accepted BY:
- EX
- Date:
- 8/28/01
- Time:
- 1310

Cooler Opened By: g Date: 8/28/07 Time: 1310 [illegible]

CoolerID/COC#:
01NEC 60



Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: NE CAPE
COC NO.: 01NEC 60 Delivered By: AK Airlines
Tracking NO.: 027 4218 3934 Date: 8-27-01
ARI Job No.: DN71 Lims NO.: 01-15092 to 01-15111

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
2. Were custody papers included with the cooler ☒ YES NO
3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: SN Date: 8/28/01 Time: 1125

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO
6. Record Cooler Temperature 3.0 °C
7. What kind of packing material was used? Bubble wrap
8. Was sufficient ice used (if appropriate)? ☒ YES NO
9. Were all bottles sealed in separate plastic bags? ☒ YES NO
10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO
11. Were all bottle labels complete and legible? ☒ YES NO
12. Did all bottle labels and tags agree with custody papers? ☒ YES NO
13. Were all bottles used correct for the requested analyses? ☒ YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) ☒ YES NO
15. Were all VOA vials free of air bubbles? ☒ YES NA NO
16. Was sufficient amount of sample sent in each bottle? ☒ YES NO
17. Notify Project Manager of any discrepancies or concerns ☒ OK NA

Cooler Opened By: af Date: 8/28/01 Time: 1125

Explain any discrepancies or negative responses:

Client: Montgomery Watson Harza
Project NO.: Northeast Cape

Change Order

Change made by: Eileen Mars
Taken by: Joe Snyder

Please Make the Following Changes:

Analyze the following samples for arsenic
by ~~GC/MS~~ ICP-MS

01-15015-A (01NE21SS169) DN68-A8, B6, F1

01-15016-B (01NE21SS269)

01-15020-F (01NE09SD114)

15015-20

ARI Job No.: DN 68
VTSR:

Change Order Date: 12/17/01

Change Order Acknowledged

Project Coordinator: Joe Snyder
Extractions:
Volatiles:
GC/MS Lab:
GC Lab:
Metals:
Conventional:
Data Section:



Client: Montgomery-Watson Hanger Change Order
Project NO.: Northeast Cape

Change made by: Eileen Maus
Taken by: Sue Snyder

Please Make the Following Changes:

Please analyze the following sample for
arsenic by ~~FAAS~~ ICP-MS

01-15058-A (01NE21SB169)

01-15059-B (01NE21SB170)

01-15060-C (01NE21SS170)

01-15061-D (01NE21SB171)

01-15062-E (01NE21SS171)

01-15063-F (01NE21SS172)

01-15064-G (01NE21SS173)

01-15065-H (01NE21SD113)

01-15066-I (01NE21SD114)

Analytical Resources, Inc.

ARI Job No.: DN 69

VTSR:

Change Order Date: 12/17/01

Change Order Acknowledged

Project Coordinator:

Susan Snyder

Extractions:

Volatiles:

GC/MS Lab:

GC Lab:

Metals:

Conventional:

Data Section:

Revision 1 (6/89)

m-26

000005

Client: <u>Montgomery Watson</u>
Project NO.: <u>Northeast Cape</u>

Change Order

Change made by: <u>Eileen Maus</u>
Taken by: <u>Sue Snyder</u>

Please Make the Following Changes:

Run AS by ICP-MS for: 5 samples
01-14459 - K (01NE06SD116) - 20u
01-14460 - L (01NE06SD117) - 6u
~~01-14462 - N (01NE07SS125) - 6u~~
01-14463 - O (01NE07SS126) - 30u
~~01-14464 - P (01NE07SS127) - 6u~~
01-14465 - Q (01NE07SD105) - 20u
01-14466 - R (01NE07SD104) - 20u

ARI Job No.: <u>DN07</u>
VTSR: <u>9/15/01</u>

Change Order Date: 12/17/01

Change Order Acknowledged

Project Coordinator: <u>Sue Snyder</u>
Extractions: <u>N/A</u>
Volatiles:
GC/MS Lab:
GC Lab:
Metals:
Conventional:
Data Section:

Susan Snyder

From: <Eileen.M.Maus@us.mwhglobal.com>
To: "Susan Snyder" <susan@arilabs.com>
Sent: Monday, December 31, 2001 4:14 PM
Subject: NEC and As WO# DY36, 38, 39, 41, 42

Hello Sue,

Hope this finds you well. Thank you for taking care of the As issue.

The sample summary looks good - all As ND above 2 accounted for. : -
)

Thank you,
Eileen

000004

1/7/2002

Client: Montgomery-Watson, Naza
 Project NO.: Northwest Cape

Change Order

ARI Job No.: DN 76
 VTSR:

Change made by: Eileen Mares
 Taken by: Joe Snyder

DN 76
 15139-43

Change Order Date:

12/17/01

Please Make the Following Changes:

analyze the samples listed below for

arsenic by ~~GFMS~~ ICP-MS

01-15142-D (OINE09SD107)

01-15143-E (OINE09SD108)

01-15187-F (OINE30SS101)

01-15188-G (OINE30SD101)

01-15189-H (OINE30SS103)

01-15190-I (OINE30SS102)

01-15191-J (OINE09SD109)

01-15192-K (OINE09SD213)

01-15193-L (OINE24SD114)

01-15194-M (OINE24SD115)

Analytical Resources, Inc.

01-15196-O (OINE30SS201)

01-15197-P (OINE09SD113)

DN 76
 15142-91

M-47

Change Order Acknowledged

Project Coordinator:

Joe Snyder

Extractions:

Volatiles:

GC/MS Lab:

GC Lab:

Metals:

Conventional:

Data Section:

Revision 1 (6/89)



Client: Montgomery Watson
Project NO.: Northeast Cape

Change Order

ARI Job No.: DN 40
VTSR:

Change made by: Eileen Maus
Taken by: Sue Snycala

Change Order Date: 12/17/01

Please Make the Following Changes:

The following samples need to be analyzed
by GC/MS for Arsenic

Change Order Acknowledged

Project Coordinator: Sue Snycala
Extractions:
Volatiles:
GC/MS Lab:
GC Lab:
Metals:
Conventional:
Data Section:

01-14754-E (01NE29SD128)

01-14755-F (01NE29SD129)

01-14762-M (01NE29SD127)

01-14763-N (01NE29SD126)

m-24

Archive Box 2838

DN76



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:

Sound Analytical Services

4813 Pacific Hwy. East

Tacoma, WA 98424

(253) 922-2310

Fax (253) 922-5047

Attn: Dawn Werner

MW Job Number:

1850574.260120

NPDL # 01-065

COELT EDF V1.2

USACE & Fuel Chromatograms

30 day turnaround

Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6666
FAX (206) 621-7523
Attn: Sue Snyder

SOIL, Cool to 4°C

Sampler's signature

Douglas Quint
Metoson Markell

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	GRO/BTEX AK 101/SW8021 B 1 x 4oz. glass jar w/ MeOH	VOCs (high level) SW8260B 1 x 4oz. glass jar w/ MeOH	VOCs (low level) SW8260B 2 x 40ml. glass vials w/NaSO4	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	TAL Metals SW6010B/7000 1 x 4oz. amber glass jar	TQC lab method Pb SW 7421 1 x 4oz. amber glass jar	COMMENTS
8-23-01	1355	01NE16SS165	SS	3						X✓		X✓	MS/MSD Pb only
8-23-01	1400	01NE16SS265	SS	1								X✓	
8-23-01	1415	01NE16SS166	SS	2						X✓		X✓	
8-23-01	1540	01NE09SD107	SD	4	X✓				X✓	X✓	X✓		
8-23-01	1610	01NE09SD108	SD	4	X✓				X✓	X✓	X✓		
8-23-01	1500	01NE31SS105	SS	1	X								
8-23-01	1503	01NE31SS205	SS	1	X								
8-23-01	1505	01NE31SS106	SS	1	X								
8-23-01	1510	01NE31SS107	SS	1	X								
8-23-01	1515	01NE31SS108	SS	1	X								
8-23-01	1520	01NE31SS109	SS	1	X								
8-23-01	1525	01NE31SS110	SS	1	X								
8-23-01	1530	01NE31SS111	SS	1	X								
8-23-01	1535	01NE31SS112	SS	1	X								
8-23-01	1540	01NE31SS113	SS	1	X								
8-23-01	1545	01NE31SS114	SS	1	X								

Please record temperature blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Johanna L. Dreher</i> Company: Montgomery Watson	Date: <i>08-24-01</i> Time: <i>1400</i>	Shipped via: <i>Goldstreak</i>	Shipping number: <i>4218 3875</i>
Received by: <i>Archi</i> Company: <i>ARC</i>	Date: <i>8/28/01</i> Time: <i>1310</i>	Relinquished by: Company:	Temperature blank temperature upon arrival: <i>58°C</i> <i>TB on TOP of RC; samples (12) @ 50°C</i>
Received by: Company:	Date: Time:	Relinquished by: Company:	Custody seal #s: <i>1, 2</i>

DN76



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature: *[Signature]*

SOIL, Cool to 4°C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-24-01	1725	01NE 30 SS 101	SS	3	X✓			X✓		X✓		
8-24-01	2020	01NE 32 SS 105	SS	3	X✓				X✓		X✓	
8-24-01	1730	01 NE 30 SS 201	SS	1						X✓		
8-24-01	1705	01 NE 09 SD 109	SD	4	X✓			X✓	X✓	X✓		
8-24-01	1040	01 NE 20 SD 101	SD	3	X✓			X✓		X✓		
8-24-01	1000	01 NE 30 SS 103	SS	3	X✓			X✓		X✓		
8-24-01	1020	01 NE 20 SS 102	SS	3	X✓			X✓		X✓		
8-24-01	0900	01 NE 24 SD 114	SD	3	X✓				X✓	X✓		
8-24-01	0930	01 NE 24 SD 115	SD	3	X✓				X✓	X✓		
8-24-01	0830	01 NE 09 SD 113	SD	7	X✓		X✓	X✓	X✓	X✓		MS/MSD D66/228 only
8-24-01	0835	01 NE 09 SD 213	SD	4	X✓			X✓	X✓	X✓		

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Johanna L. Dreher</i>	Date: <i>08-24-01</i>	Shipped via: <i>Goldstreak</i>	Shipping number: <i>4218 3831</i>
Company: <i>Montgomery Watson</i>	Time: <i>1600</i>		
Received by: <i>AR1</i>	Date: <i>8/28/01</i>	Relinquished by:	Temperature blank temperature upon arrival: <i>4.5°C</i>
Company: <i>AR1</i>	Time: <i>1316</i>	Company:	
Received by:	Date:	Relinquished by:	Custody seal #s: <i>21, 22</i>
Company:	Time:	Company:	

Cooler Receipt Form



ARI Client: Montgomery Watson Project Name: NE Cape
COC NO.: 01 NEC 44 Delivered By: AK Airlines
Tracking NO.: 027 4218 3875 Date: 8-28-01
ARI Job No.: DN 76 Lims NO.: 01-15139 to 01-15143, 15187-15197

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached

To the outside of the cooler? ☒ YES NO

2. Were custody papers included with the cooler ☒ YES NO

3. Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO

4. Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: cy Date: 8/28/01 Time: 1310

Log-IN Phase:

5. Was a temperature blank include in the cooler? ☒ YES NO

6. Record Cooler Temperature..... 5.0 °C

7. What kind of packing material was used? Bubble wrap

8. Was sufficient ice used (if appropriate)? ☒ YES NO

9. Were all bottles sealed in separate plastic bags? ☒ YES NO

10. Did all bottles arrive in good condition (unbroken)? ☒ YES NO

11. Were all bottle labels complete and legible? ☒ YES NO

12. Did all bottle labels and tags agree with custody papers? ☒ YES NO

13. Were all bottles used correct for the requested analyses? ☒ YES NO

14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) YES ☒ NO

15. Were all VOA vials free of air bubbles? YES ☒ NA NO

16. Was sufficient amount of sample sent in each bottle? ☒ YES NO

17. Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler ^{logged} Opened By: cy Date: 8/29/01 Time: 810

Explain any discrepancies or negative responses:

.....
.....
.....
.....
.....
.....
.....
.....
.....

Cooler Receipt Form



ARI Client: MONTGOMERY WATSON Project Name: NECAPE
COC NO.: 01NEC56 Delivered By: AK AIR LINES
Tracking NO.: 027 4218 3831 Date: 8-28-01
ARI Job No.: DN76 Lims NO.: 01-15139 to 01-15143, 15187-15197

Preliminary Examination Phase:

- Were intact, properly signed and dated custody seals attached
To the outside of the cooler? ☒ YES NO
- Were custody papers included with the cooler ☒ YES NO
- Were custody papers properly filled out (ink, signed etc.)? ☒ YES NO
- Complete custody forms and attach all shipping documents ☒ OK NA

Cooler Accepted BY: ej Date: 8/28/01 Time: 1310

Log-IN Phase:

- Was a temperature blank include in the cooler? ☒ YES NO
- Record Cooler Temperature..... 4.5 °C
- What kind of packing material was used? Bubble wrap
- Was sufficient ice used (if appropriate)? ☒ YES NO
- Were all bottles sealed in separate plastic bags? ☒ YES NO
- Did all bottles arrive in good condition (unbroken)? ☒ YES NO
- Were all bottle labels complete and legible? ☒ YES ☒ NO
- Did all bottle labels and tags agree with custody papers? ☒ YES ☒ NO
- Were all bottles used correct for the requested analyses? ☒ YES NO
- Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) YES ☒ NO
- Were all VOA vials free of air bubbles? YES ☒ NA NO
- Was sufficient amount of sample sent in each bottle? ☒ YES NO
- Notify Project Manager of any discrepancies or concerns..... ☒ OK NA

Cooler ^{logged} Opened By: ej Date: 8/29/01 Time: 1000

Explain any discrepancies or negative responses:

FOR SAMPLE 01NE09SD213 PCB/PAH + metals bottle labels
are 01NE09SD214 (time = 835) LIDS = 09SD213 ej 8/29/01
NOTIFIED PM.

DN76



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms

30 day turnaround

Sampler's signature:

William A. Gault
Ronnie MacLean
Douglas Grist

SOIL, Cool to 4°C

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC lab method 1 x 4oz. amber glass jar	COMMENTS
8-23-01	1550	01NE31SS115	SS	1	X								
8-23-01	1555	01NE31SS116	SS	1	X								
8-23-01	1600	01NE31SS117	SS	1	X								
8-23-01	1605	01NE31SS118	SS	1	X								
8-23-01	1610	01NE31SS119	SS	1	X								
8-23-01	1615	01NE31SS120	SS	1	X								
8-23-01	1620	01NE31SS121	SS	1	X								
8-23-01	1630	01NE31SS125	SS	1	X								

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Johanna L. Dreher</i>	Date: <i>08-26-01</i>	Shipped via: <i>Gold Streak</i>	Shipping number: <i>4218 3875</i>
Company: <i>Montgomery Watson</i>	Time: <i>1600</i>		
Received by: <i>goshi</i>	Date: <i>8/28/01</i>	Relinquished by:	Temperature blank temperature upon arrival: <i>5.8 °C</i>
Company: <i>ARI</i>	Time: <i>1310</i>	Company:	<i>TR on TOP of ICE; sample @ 5°C (IR)</i>
Received by:	Date:	Relinquished by:	Custody seal #s: <i>1, 2</i>
Company:	Time:	Company:	

DN78

01-1516.8 to 01-1518.6

Cooler ID/COOL
01-244

Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907)248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Sound Analytical Services Analytical Resources Inc.
4813 Pacific Hwy. East 333 Ninth Avenue North
Tacoma, WA. 98424 Seattle, WA 98109-5187
(253) 922-2310 (206) 389-6166
Fax (253) 922-5047 FAX (206) 621-7523
Attn: Dawn Werner Attn: Sue Snyder
MW Job Number: 1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature

Douglas Quist
Melissa Markell

Date	Time	Sample ID	Matrix	Total Containers	DRO/RRO AK102/103 1 x 4oz. amber glass jar	GRO/BTEX AK 101/SW8021 B 1 x 4oz. glass jar w/ MeOH	VOCs (high level) SW8260B 1 x 4oz. glass jar w/ MeOH	VOCs (low level) SW8260B 2 x 40ml. glass vials w/ NaSO4	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	TAL Metals SW6010B/7000 1 x 4oz. amber glass jar	TOC Lab method Pb Sw 7421 1 x 4oz. amber glass jar	COMMENTS
8-23-01	1355	Q1NE16SS165	SS	3						X		X	MS/MSD Pb only
8-23-01	1400	Q1NE16SS265	SS	1								X	
8-23-01	1415	Q1NE16SS166	SS	2						X		X	
8-23-01	1548	Q1NE07SD107	SD	4	X				X	X	X		
8-23-01	1610	Q1NE09SD108	SD	4	X				X	X	X		
8-23-01	1500	Q1NE31SS105	SS	1	X								
8-23-01	1503	Q1NE31SS205	SS	1	X								
8-23-01	1505	Q1NE31SS106	SS	1	X								
8-23-01	1510	Q1NE31SS107	SS	1	X								
8-23-01	1515	Q1NE31SS108	SS	1	X								
8-23-01	1520	Q1NE31SS109	SS	1	X								
8-23-01	1525	Q1NE31SS110	SS	1	X								
8-23-01	1530	Q1NE31SS111	SS	1	X								
8-23-01	1535	Q1NE31SS112	SS	1	X								
8-23-01	1540	Q1NE31SS113	SS	1	X								
8-23-01	1545	Q1NE31SS114	SS	1	X								

Please record temperature blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>Johanna E. Dreher</i> Company: <i>Johanna E. Dreher</i> Montgomery Watson	Date <i>08-24-01</i> Time <i>1400</i>	Shipped via: <i>Goldstreak</i>	Shipping number: <i>4218 3875</i>
Received by: <i>AK</i> Company: <i>AK</i>	Date <i>8/28/01</i> Time <i>1310</i>	Relinquished by: Company:	Temperature blank temperature upon arrival <i>5.5 °C</i> <i>Top of AC; sample (1K) 5 °C</i>
Received by:	Date	Relinquished by:	Custody seal #: <i>1, 2</i>
Company:	Time	Company:	

DN 78



Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

Sampler's signature:

USACE & Fuel Chromatograms
30 day turnaround. *A. Davis*

SOIL, Cool to 4°C

[illegible]

Please record Temperature Blank only in the space provided

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Shipping number: 4218 387.5

Temperature blank temperature upon arrival: 5.8°C
TB on TOP of ICE: sample @ 5°C (IR)

Time

Date _____

Time

Custody seal #s: 1, 2



Montgomery Watson
Harza
4100 Spenard Road
Anchorage AK 99517
(907) 248-8883
Fax (907) 248-8884
Attn: Jane Whitsett

Laboratory:
Analytical Resources Inc.
333 Ninth Avenue North
Seattle, WA 98109-5187
(206) 389-6166
Fax (206) 621-7523
Attn: Sue Snyder
MW Job Number:
1850574.260120
NPDL # 01-065
COELT EDF V1.2
USACE & Fuel Chromatograms
30 day turnaround

SOIL, Cool to 4°C

Sampler's signature: *William A. O'Connell*

Date	Time	Sample ID	Matrix	Total Containers	DRO/RO AK102/103 1 x 4oz. amber glass jar	BTEX SW 8260B 1 x 2oz. Glass jar w/MeOH	GRO AK101 1 x 2oz. glass jar w/MeOH	VOCs SW8260B 1 x 2oz. glass jar w/MeOH	PAHs SW8270C SIM 1 x 4oz. amber glass jar	PCBs SW8082 1 x 4oz. amber glass jar	Metals SW6010B/7000 1 x 4oz. amber glass jar	Pesticides SW8081 4oz. amber glass jar 4oz. amber glass jar	COMMENTS
9-24-01	1100	01NE16SD167	S	1								X	
9-24-01	1100	01NE16SD168	S	1								X	
9-24-01	1110	01NE28SD183	S	1								X	
9-24-01	1115	01NE28SD184	S	1								X	
9-24-01	1120	01NE28SD185	S	1								X	
9-24-01	1125	01NE28SD186	S	1								X	
9-24-01	1135	01NE28SD187	S	1								X	
9-24-01	1305	01NE28SD188	S	1								X	
9-24-01	1300	01NE28SD189	S	1								X	
9-24-01	1140	01NE28SD190	S	1								X	
9-24-01	1145	01NE28SD191	S	1								X	
9-24-01	1150	01NE28SD192	S	1								X	
9-24-01	1155	01NE28SD292	S	1								X	
9-24-01	1130	01NE28SD255	S	1								X	

Please record Temperature Blank only in the space provided

Following receipt of sample cooler, please fax CoC and lab cooler check-in form within 24 hours to Gerald Archibald at (907) 753-2636 and Jane Whitsett at (907) 248-8884

Relinquished by: <i>William A. O'Connell</i>	Date 9-26-01	Shipped via: <i>Goldstreak</i>	Shipping number: 1725 8640
Company: Montgomery Watson	Time 1030	Relinquished by:	Temperature blank temperature upon arrival: 4.0 °C
Received by: <i>A. E. Brown</i>	Date 9/27/01	Company:	
Company: A. E. Brown	Time 1645	Relinquished by:	
Received by:	Date	Company:	
Company:	Time	Relinquished by:	Custody seal #s: 17501 17502
		Company:	

000007

Cooler Receipt Form



ARI Client: MONTGOMERY WATSON Project Name: NEC Soil Samples
COC NO.: 01 NEC 74 Delivered By: Goldstreak
Tracking NO.: 17258640 Date: 9/27/01
ARI Job No.: DB 74 Lims NO.: 01-17167 - 01-17180

Preliminary Examination Phase:

1. Were intact, properly signed and dated custody seals attached
To the outside of the cooler? YES NO
2. Were custody papers included with the cooler YES NO
3. Were custody papers properly filled out (ink, signed etc.)? YES NO
4. Complete custody forms and attach all shipping documents OK NA

Cooler Accepted BY: ERIC BRANSON Date: 9/27/01 Time: 1545

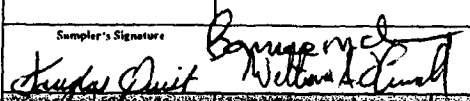
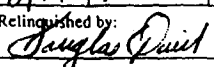
Log-IN Phase:

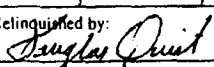
5. Was a temperature blank include in the cooler? YES NO
6. Record Cooler Temperature 4.0 °C
7. What kind of packing material was used? Bubble Wrap
8. Was sufficient ice used (if appropriate)? YES NO
9. Were all bottles sealed in separate plastic bags? YES NO
10. Did all bottles arrive in good condition (unbroken)? YES NO
11. Were all bottle labels complete and legible? YES NO
12. Did all bottle labels and tags agree with custody papers? YES NO
13. Were all bottles used correct for the requested analyses? YES NO
14. Do any of the analyses (bottles) require preservative?
(If so, Preservation checklist must be attached) NA YES NO
15. Were all VOA vials free of air bubbles? YES NA NO
16. Was sufficient amount of sample sent in each bottle? YES NO
17. Notify Project Manager of any discrepancies or concerns OK NA

Cooler Opened By: ERIC BRANSON Date: 9/27/01 Time: 1640

Explain any discrepancies or negative responses:

										Soil							Groundwater					Geotechnical																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
										DRO/RRO AK 102/103							DRO/RRO AK102/103					Sieve Analysis ASTM D-422, Specific Gravity ASTM D-854, Moisture Content ASTM D-2216																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
										GRO AK101							GRO AK101					Dry Bulk Densit ASTM D-2937, Hydraulic Conductivity ASTM D-4511, Soil Porosity - Calculated																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
										BTEX SW8260B							BTEX SW8260B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
										PAHSM SW8270C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
										PCB SW8082																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
										Pb, Zn, Cr SW6020																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
										TOC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Sample ID	Sample Type	Media	Sample Location	Date 2002	Time	Depth	PID	Laboratory	COC #																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

2002 Northeast Cape 1850574.260120		SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher		TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin								
		DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP				BTEX SW8260B GRO AK101 Sulfate EPA 300 Alkalinity EPA 300 BTEX SW8260B GRO AK101 Methane, Ethane, Ethene RSK 175 DRO/RRO AK102/103				30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-In form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature 										
Date	Time	Sample ID	Matrix	Container						
8/14	1530	02NE88SB 001	S	3	X			X		
8/14	1600	02NE88SB 002	S	2	X			X		
8/14	1645	02NE88SB 003	S	2	X			X		
8/14	1700	02NE88SB 004	S	2	X			X		
8/15	1155	02NE88SB 005	S	2	X			X		
8/17	1110	02NE88SB 006	S	2	X			X		
8/17	1320	02NE88SB 007	S	2	X			X		
8/17	1330	02NE88SB 008	S	2	X			X		
8/17	2000	02NE88SB 009	S	2	X			X		
8/17	2030	02NE88SB 010	S	2	X			X		
8/17	1820	02NE88SB 021	S	2	X			X		
8/17	1840	02NE88SB 022	S	1	X					
8/17	1200	02NE88SB 206	S	2	X			X		
Relinquished by: 		Date 8/19/02 Time 0830		Shipped Via Alaska Airlines Goldstream Air Bill # 4974 2803						
Received For Laboratory by:		Date Time		Cooler Temperature Upon Arrival				°C Laboratory Notified Call or Faxed		

2002 Northeast Cape 1850574.260120		SOIL				WATER							
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher		TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin										30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070	
		DRO/RRO AK102/103, PAH SIM SW8276C, PCB SW8082, Lead, Zinc, Chromium SW602A, TOC by lab SOP				BTEX SW8260B				GRO AK101			
		Sulfate EPA 300 Alkalinity EPA 300				BTEX SW8260B GRO AK101				Methane, Ethane, Ethene RSK 175			
Sampler's Signature 													
Date	Time	Sample ID	Matrix	Container									
8/18	1145	02NE88SB011	S	2	X			X					
8/18	1155	02NE88SB012	S	2	X			X					
8/18	1335	02NE88SB013	S	2	X			X					
8/18	1350	02NE88SB014	S	2	X			X					
Relinquished by: 		Date 8/19/02 Time 0830		Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2803									
Received for Laboratory by:		Date Time		Cooler Temperature Upon Arrival				°C Laboratory Notified Call or Faxed					

**Columbia Analytical Services Inc.
Cooler Receipt And Preservation Form**

Project/Client M. Watson Work Order K22 05725
Cooler received on 8/20/02 and opened on 8/20/02 by T. Black

1. Were custody seals on outside of cooler? (Y) N
If yes, how many and where? 1 front
2. Were seals intact and signature & date correct? (Y) N
3. COC # 02NE2 02NE7 _____
Temperature of cooler(s) upon receipt: 0.8 1.0 _____
Temperature Blank: -0.1 0.7 _____
4. Were custody papers properly filled out (ink, signed, etc.)? (Y) N
5. Type of packing material present gel packs - b-wrap - bags
6. Did all bottles arrive in good condition (unbroken)? (Y) N
7. Were all bottle labels complete (i.e. analysis, preservation, etc.)? (Y) N
8. Did all bottle labels and tags agree with custody papers? (Y) N
9. Were the correct types of bottles used for the tests indicated? (Y) N
10. Were all of the preserved bottles received at the lab with the appropriate pH? Y (N)
11. Were VOA vials checked for absence of air bubbles, and if present, noted below? ~~Y~~ ~~N~~
12. Did the bottles originate from CAS/K or a branch laboratory? (Y) N
13. Are CWA Microbiology samples received with > 1/2 the 24 hr. hold time remaining from collection? ~~Y~~ ~~N~~
14. Was CL2/Residual negative? ~~Y~~ ~~N~~

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak
Alaska Airlines

1850574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline Origin AIR WAYBILL Number
027- **4974 2803**

From Shipper:
MICHAEL WATSON AMER INC 207 240-8803
Address: 1300 STENARD ROAD
City: ANCHORAGE AK 99517 State: Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature ☒ PRINTED NAME Date

Domestic ☒ International ☐

Insured Value Declared Value For Customs

Airport of Departure First Carrier Airport of Destination

Nature and Quantity of Goods:
oil sample

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)

Columbia Analytical Services, Inc ATTN: Mingta Li

Address: 1317 South 13th Ave Phone: 360/577-7222

City: Kelso State: WA Zip Code: 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) Time a.m. p.m.

Date

Airline Origin AIR WAYBILL Number
027- **4974 2803**

GoldStreak
Alaska Airlines

Total Pieces Total Weight MULTIPLE PIECES FOR AS FLIGHTS ONLY
Please ☒ If Live Animal ☐

Form of Payment
☐ Cash ☐ Check ☐ GBL-Attach GBL
☒ AS / QX Account Number
2746065353
☐ Credit Card Number

Validata Approval
(Required for all except cash and GBL)

CHECK ONE ONLY

☒ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY DELIVERY ONLY DOOR TO DOOR
☐ ☐ ☐

Executed By: Date/Time a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS	121	SEA	1740

Remarks

PCS.	WT RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
	16-50		
	51-70		
	71-100		

Subtotal Charges

AS COURIER CHARGES

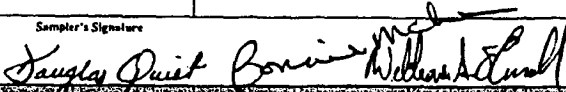
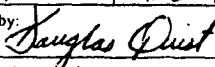
Other Charges

1st Carrier
2nd Carrier
3rd Carrier
Tax (Offline only)
Pickup (NON AS COURIER)
Delivery (NON AS COURIER)
Special Service
Insurance
TOTAL

Door-To-Door Service: (800) 634-7113

10. Original Invoice

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

2002 Northeast Cape 1850574.260120					SOIL				WATER				
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher		TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin			DRO/RRO AK102/101, PAH SIM SW8276C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by Lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RRO AK102/101	30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070
Sampler's Signature 													
Date	Time	Sample ID	Matrix	Volume									
8/14	1530	02NE88SB 001	S	6		X	X					MS/MSD	
8/14	1600	02NE88SB 002	S	2		X	X						
8/14	1645	02NE 88SB 003	S	2		X	X						
8/14	1700	02NE 88SB 004	S	2		X	X						
8/15	1155	02NE 88SB 005	S	2		X	X						
8/17	1110	02NE 88SB 006	S	2		X	X						
8/17	1320	02NE 88SB 007	S	2		X	X						
8/17	1330	02NE 88SB 008	S	2		X	X						
8/17	2000	02NE 88SB 009	S	2		X	X						
8/17	2030	02NE 88SB 010	S	2		X	X						
8/17	1820	02NE 88SB 021	S	2		X	X						
8/17	1840	02NE 88SB 022	S	2		X	X						
8/17	1200	02NE 88SB 206	S	2		X	X						
Relinquished by: 			Date 8/19/02 Time 0830		Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2711								
Received for Laboratory by:			Date Time		Cooler Temperature Upon Arrival								
												°C Laboratory Notified Call or Faxed	

[illegible]

**Columbia Analytical Services Inc.
Cooler Receipt And Preservation Form**

Project/Client M Watson Work Order K22 05725
Cooler received on 8/20/02 and opened on 8/20/02 by T Black

1. Were custody seals on outside of cooler? (Y) N
If yes, how many and where? 1 front
2. Were seals intact and signature & date correct? (Y) N
3. COC # 02NE2 02NE7 _____
Temperature of cooler(s) upon receipt: 0.8 1.0 _____
Temperature Blank: -0.1 0.7 _____
4. Were custody papers properly filled out (ink, signed, etc.)? (Y) N
5. Type of packing material present gel packs - b-wrap - bags
6. Did all bottles arrive in good condition (unbroken)? (Y) N
7. Were all bottle labels complete (i.e. analysis, preservation, etc.)? (Y) N
8. Did all bottle labels and tags agree with custody papers? (Y) N
9. Were the correct types of bottles used for the tests indicated? (Y) N
10. Were all of the preserved bottles received at the lab with the appropriate pH? Y (N)
11. Were VOA vials checked for absence of air bubbles, and if present, noted below? Y N
12. Did the bottles originate from CAS/K or a branch laboratory? (Y) N
13. Are CWA Microbiology samples received with > 1/2 the 24 hr. hold time remaining from collection? Y N
14. Was CL2/Residual negative? Y N

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak
Alaska Airlines

1850574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline Origin
027-

AIR WAYBILL Number
4974 2711

From Shipper: ANTHONY WATSON AMER INC 407 248-8833		
Address: 101 SPANARD ROAD		Phone: 407 248-8833
City: ANCHORAGE AK 99517	State:	Zip Code:
I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.		
Shipper's Signature X		PRINTED NAME ANTHONY WATSON
Date 2/10/72		
Domestic ☒		International ☐
Insured Value		Declared Value For Customs
Airport of Departure	First Carrier	Airport of Destination
Nature and Quantity of Goods: Samples		
Handling Information: Portland		
To Consignee: (Complete Consignee information required on package) Columbia Analytical Services, Inc ATTN: Mingta Lin		
Address: 1317 South 13th Ave		Phone: 360/577-7222
City: Kelso	State: WA	Zip Code: 98626
Consignee's Printed Name - Signature (Received in Good Order Except as Noted)		Time a.m. p.m.
		Date
Airline 027-	Origin	AIR WAYBILL Number 4974 2711

GoldStreak
Alaska Airlines

Total Pieces		Total Weight		MULTIPLE PIECES FOR AS FLIGHTS ONLY Please ☒ If Live Animal ☐			
Form of Payment ☐ Cash ☐ Check ☐ GBL-Attach GBL ☒ AS / QX Account Number 27440063151 ☐ Credit Card Number				PCS.	WT. RANGE	RATE	CHARGE
Validata Approval (Required for all except cash and GBL) CHECK ONE ONLY ☒ AIRPORT TO AIRPORT SERVICE					GSX LETTER		
					1-15		
					16-50		
					51-70		
					71-100		
				Subtotal Charges			
PICK-UP ONLY ☐ DELIVERY ONLY ☐ DOOR-TO-DOOR ☐				AS COURIER CHARGES			
Executed By: Date/Time KL 1/10/72				Other Charges			
Carrier AS	Flight 122	Destination SEA	E.T.A. 12:00	1st Carrier			
				2nd Carrier			
				3rd Carrier			
				Tax (Offline only)			
				Pickup (NON AS COURIER)			
				Delivery (NON AS COURIER)			
				Special Service			
				Insurance			
				TOTAL 1.25			
Remarks							

Shipper to complete all shaded areas

Door-To-Door Service: (800) 634-7113

10. Original Invoice

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

[illegible]

[illegible]

F A X



MWH

MONTGOMERY WATSON HARZA

Date:

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883

Fax: (907) 248-8884

To:

Subject:

Company:

Fax No:

From:

Job No:

No. of Pages:
(including cover)

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Transmission Report

Date/Time
Local ID
Local Name
Company Logo

8-29-02; 10:50AM
2488884
MWH

This document was confirmed.
(reduced sample and details below)
Document Size Letter-S

FAX



Date:

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883
Fax: (907) 248-8884

To: Mingta Lin

Subject: CDC Revisions

Company: Columbia Analytical Services

Fax No: 30-636-1068

From: Douglas Quint

Job No: 450574.20120

No. of Pages: 3
(including cover)

Mingta -

Please Add Methuen, Ethane, Ethane to

02NE88TB002 CLOC 02NE3
02NE88TB003 CLOC 02NES

Douglas Quint

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Total Pages Scanned : 3 Total Pages Confirmed : 3

No.	Doc	Remote Station	Start Time	Duration	Pages	Mode	Comments	Results
1	728	13606361068	8-29-02;10:48AM	1'55"	3/ 3	EC		CP 14.4

Notes :

EC: Error Correct
BC: Broadcast Send
CP: Completed
HS: Host Scan
HF: Host Fax

RE: Resend
MP: Multi-Poll
RM: Receive to Memory
HP: Host Print
HR: Host Receive

PD: Polled by Remote
PG: Polling a Remote
DR: Document Removed
FO: Forced Output
FM: Forward Mailbox Doc.

MB: Receive to Mailbox
PI: Power Interruption
TM: Terminated by user
WT: Waiting Transfer
WS: Waiting Send

Cooler Receipt And Preservation Form

Project/Client M Watson Work Order K22 05720
 Cooler received on 8/20/02 and opened on 8/20/02 by T Black

1. Were custody seals on outside of cooler?
 If yes, how many and where? 1 front, sample tape on back ☒ Y ☐ N
2. Were seals intact and signature & date correct? with 10/15/02 ☒ Y ☐ N
3. COC # 02NE3 _____
 Temperature of cooler(s) upon receipt: 4.5 _____
 Temperature Blank: 3.7 _____
4. Were custody papers properly filled out (ink, signed, etc.)? ☒ Y ☐ N
5. Type of packing material present insulation - bags - brrap - gel packs
6. Did all bottles arrive in good condition (unbroken)? ☒ Y ☐ N
7. Were all bottle labels complete (i.e. analysis, preservation, etc.)? ☒ Y ☐ N
8. Did all bottle labels and tags agree with custody papers? ☒ Y ☐ N
9. Were the correct types of bottles used for the tests indicated? ☒ Y ☐ N
10. Were all of the preserved bottles received at the lab with the appropriate pH? ~~Y~~ ☒ N
11. Were VOA vials checked for absence of air bubbles, and if present, noted below? ☒ Y ☐ N
12. Did the bottles originate from CAS/K or a branch laboratory? ☒ Y ☐ N
13. Are CWA Microbiology samples received with > 1/2 the 24 hr. hold time remaining from collection? ~~Y~~ ☒ N
14. Was CL2/Residual negative? ~~Y~~ ☒ N

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak
Alaska Airlines

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline **027-** Origin **4974 2722** AIR WAYBILL Number

From Shipper:
ANTHONY WATSON AMER INC **907 248-8883**

Address: **1100 SPENARD ROAD** Phone: **907 248-8883**

City: **ANCHORAGE AK 99517** State: Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature **X** PRINTED NAME **ANTHONY WATSON** Date **11/1/02**

Domestic ☒ International ☐

Insured Value Declared Value For Customs

Airport of Departure First Carrier Airport of Destination

Nature and Quantity of Goods: **Soil Samples**

Handling Information: **Portland**

To Consignee: (Complete Consignee information required on package)
Columbia Analytical Services, Inc. ATTN: Mingta Lin

Address: **3117 South 13th Ave** Phone: **604/577-2232**

City: **Belso** State: **WA** Zip Code: **98526**

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) Time a.m. p.m. Date

Airline **027-** Origin **4974 2722** AIR WAYBILL Number

GoldStreak
Alaska Airlines

Total Pieces **1** Total Weight **4.1** MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ☒ If Live Animal ☐

Form of Payment
☐ Cash ☐ Check ☐ GBL-Attach GBL
☒ AS / QX Account Number **7440043153**
☐ Credit Card Number

Validata Approval (Required for all except cash and GBL)

CHECK ONE ONLY
☒ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY DELIVERY ONLY DOOR TO DOOR

Executed By: Date/Time a.m. p.m.

Carrier	Flight	Destination	E.T.A.
AS			

Remarks

PCS.	WT. RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
	16-50		
	51-70		
	71-100		
Subtotal Charges			
Other Charges			
1st Carrier			
2nd Carrier			
3rd Carrier			
Tax (Offline only)			
Pickup (NON AS COURIER)			
Delivery (NON AS COURIER)			
Special Service			
Insurance			
TOTAL			

Door-To-Door Service: (800) 634-7113

10. Original Invoice

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

2002 Northeast Cape 1850574.260120					SOIL					WATER					30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070	
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher					TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin					DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP BTEX SW8260B GRO AK101 Spare Sulfate EPA 300 Alkalinity EPA 300 BTEX SW8260B GRO AK101 Methane, Ethane, Ethene RSK 175 DRO/RRO AK102/103						
Sampler's Signature 					(Clean glass, unpreserved) (Clean glass, unpreserved) (Clean glass, unpreserved) (Clean glass, unpreserved) (Clean glass, unpreserved) (Clean glass, unpreserved)											
Date	Time	Sample ID	Matrix	Total Countdown	Sozial	402/103	402/103	402/103	402/103	Sulfate	VOA Vials	VOA Vials	300ml	MS/MSD MS/MSD = DCL		
8/19	1230	02NE886W003	W	5							X	X				
8/19	1400	02NE886W004	W	5							X	X				
8/19	1500	02NE886W005	W	5							X	X				
8/20	1300	02NE886W006	W	5							X	X				
8/20	1400	02NE886W007	W	15							X	X				
8/20	1500	02NE886W008	W	15							X	X				
8/19	1410	02NE886W204	W	5							X	X				
8/19	2100	02NE886W003	W	3							X					
Relinquished by: 					Date <u>8/21/02</u> Time <u>0800</u>					Shipped Via Alaska Airlines Goldstreak Air Bill # <u>4974 2755</u>						
Received for Laboratory by:					Date Time					Cooler Temperature Upon Arrival					°C	Laboratory Notified Call or Faxed

[illegible]

F A X



MWH

MONTGOMERY WATSON HARZA

Date:

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883

Fax: (907) 248-8884

To:

Subject:

Company:

Fax No:

From:

Job No:

No. of Pages:

(including cover)

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Transmission Report

Date/Time
Local ID
Local Name
Company Logo

8-29-02; 10:50AM
2488884
MWH

This document was confirmed.
(reduced sample and details below)
Document Size Letter-S

FAX



MWH
MONTGOMERY WATSON HARRIS

Date:

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883
Fax: (907) 248-8884

To: Mungta Lin

Subject: CAC Revisions

Company: Columbia Analytical Services

Fax No: 30-636-1068

From: Douglas Quint

Job No: 1850574. 26120

No. of Pages: 3
(including cover)

Mungta -

Please Add Methane, Ethane, Ethane to

02NE88TB002

CAC 02NE3

02NE88TB003

CAC 02NE5

Douglas Quint

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Total Pages Scanned : 3 Total Pages Confirmed : 3

No.	Doc	Remote Station	Start Time	Duration	Pages	Mode	Comments	Results
1	728	13606361068	8-29-02; 10:48AM	1'55"	3/ 3	EC		CP 14.4

Notes :

EC: Error Correct
BC: Broadcast Send
CP: Completed
HS: Host Scan
H: Host Fax

RE: Resend
MP: Multi-Poll
RM: Receive to Memory
HP: Host Print
HR: Host Receive

PD: Polled by Remote
PG: Polling a Remote
DR: Document Removed
FO: Forced Output
FM: Forward Mailbox Doc.

MB: Receive to Mailbox
PI: Power Interruption
TM: Terminated by user
WT: Waiting Transfer
WS: Waiting Send

Cooler Receipt And Preservation Form

Project/Client Montgomery Watson Work Order K22 5936
 Cooler received on 8/22/02 and opened on 8/22/02 by Sm

Were custody seals on outside of cooler?

If yes, how many and where? Red Custody Tape

2. Were seals intact and signature & date correct?

3. COC #

Temperature of cooler(s) upon receipt:

Temperature Blank:

4. Were custody papers properly filled out (ink, signed, etc.)?

5. Type of packing material present ice packs plastic

6. Did all bottles arrive in good condition (unbroken)?

7. Were all bottle labels complete (i.e. analysis, preservation, etc.)? NO

8. Did all bottle labels and tags agree with custody papers?

9. Were the correct types of bottles used for the tests indicated?

10. Were all of the preserved bottles received at the lab with the appropriate pH?

11. Were VOA vials checked for absence of air bubbles, and if present, noted below?

12. Did the bottles originate from CAS/K or a branch laboratory?

13. Are CWA Microbiology samples received with > 1/2 the 24 hr. hold time remaining from collection?

14. Was CL2/Residual negative?

Explain any discrepancies:

RESOLUTION:

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak
Alaska Airlines

1850574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline Origin AIR WAYBILL Number
027- **4974 2755**

From Shipper:
MONTGOMERY WATSON AMER AND 907 245-8883

Address:
4100 SPENARD ROAD

Phone:

City: ANCHORAGE AK 99517 State:

Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature ☒ PRINTED NAME Date

Domestic ☐ International ☐

Insured Value Declared Value For Customs

Airport of Departure First Carrier Airport of Destination

Nature and Quantity of Goods:

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)
Columbia Analytical Services, Inc ATTN: Mingta Li

Address:
1317 South 13th Ave

Phone:
360/577-7222

City: Kelso State: WA Zip Code 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) Time a.m. p.m.

Date

Airline Origin AIR WAYBILL Number
027- **4974 2755**

GoldStreak
Alaska Airlines

Total Pieces Total Weight MULTIPLE PIECES FOR AS FLIGHTS ONLY
Please ☒ If Live Animal ☐

Form of Payment
☐ Cash ☐ Check ☐ GBL-Attach GBL
☒ AS/QX Account Number
27442045151
☐ Credit Card Number

Validata Approval
(Required for all except cash and GBL)

CHECK ONE ONLY

☐ AIRPORT TO AIRPORT SERVICE

PICK-UP ONLY DELIVERY ONLY DOOR TO DOOR
☐ ☐ ☐

Executed By: Date/Time a.m. p.m.
1st Carrier
2nd Carrier

Carrier	Flight	Destination	E.T.A.
AS			

3rd Carrier
Tax (Offline only)
Pickup (NON AS COURIER)
Delivery (NON AS COURIER)
Special Service
Insurance
TOTAL

Remarks

Shipper to complete all shaded areas

Door-To-Door Service: (800) 634-7113

10. Original Invoice

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

2002 Northeast Cape 1850574.260120					SOIL				WATER																															
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher		TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin			DRO/RRO AK102/103, PAH SEM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP				BTEX SW8260B				GRO AK101				Spare				Sulfate EPA 300 Alkalinity EPA 300				BTEX SW8260B GRO AK101				Methane, Ethane, Ethene RSK 175				DRO/RRO AK102/103				30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070			
Sampler's Signature <i>Jaughas Quist</i>					Clean glass unpreserved				Clean glass unpreserved				Clean glass unpreserved				Clean glass unpreserved				Clean glass unpreserved				Clean glass unpreserved				Clean glass unpreserved				Clean glass unpreserved				Common			
Date	Time	Sample ID	Matrix	Total Containers	202 ml	202 ml	202 ml	202 ml	1 L bottle	VOA Vials	VOA Vials	VOA Vials	202 ml																											
8/19	1230	02NE88GW003	W	2									X																											
8/19	1400	02NE88GW004	W	2									X																											
8/19	1500	02NE88GW005	W	2									X																											
8/20	1300	02NE88GW006	W	2									X																											
8/20	1400	02NE88GW007	W	2									X	MS/MSD																										
8/20	1500	02NE88GW008	W	2									X	MS/MSD = DO																										
8/19	1410	02NE88GW004	W	2									X																											
													X																											
Relinquished by: <i>Jaughas Quist</i>					Date 8/21/02 Time 0800				Shipped Via Alaska Airlines Goldstream Air Bill # 4974 2766																															
Received for Laboratory by:					Date Time				Cooler Temperature Upon Arrival				°C Laboratory Notified Call or Faxed																											

Project/Client Km Montgomery Watson Work Order K22 5936 05832 Km
Cooler received on 8/22/02 and opened on 8/22/02 Km

1. Were custody seals on outside of cooler?
If yes, how many and where? Red Custody Tape (Y) N
2. Were seals intact and signature & date correct? with 10/15/02 (Y) (N)
3. COC #
Temperature of cooler(s) upon receipt: 3.7 --- --- --- ---
Temperature Blank: 2.9 --- --- --- ---
4. Were custody papers properly filled out (ink, signed, etc.)? (Y) N
5. Type of packing material present ice packs, plastic
6. Did all bottles arrive in good condition (unbroken)? (Y) N
7. Were all bottle labels complete (i.e. analysis, preservation, etc.)? (Y) N
8. Did all bottle labels and tags agree with custody papers? (Y) N
9. Were the correct types of bottles used for the tests indicated? (Y) N
10. Were all of the preserved bottles received at the lab with the appropriate pH? ~~(Y)~~ N
11. Were VOA vials checked for absence of air bubbles, and if present, noted below? (Y) N
12. Did the bottles originate from CAS/K or a branch laboratory? (Y) N
13. Are CWA Microbiology samples received with > 1/2 the 24 hr. hold time remaining from collection? ~~(Y)~~ N
14. Was CL2/Residual negative? ~~(Y)~~ N

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak*Alaska Airlines*

1850574-260120

www.ALASKAAIR.com
1-800-2ALASKAP.O. Box 68900
Seattle, WA 98168

Airline Origin

027-

AIR WAYBILL Number

4974 2766

From Shipper: MONTGOMERY WATSON AMER INC 907 248-8883		Total Pieces	Total Weight	MULTIPLE PIECES FOR AS FLIGHTS ONLY			
Address: 4100 SPENARD ROAD		Phone:		Please ☒ If Live Animal ☐			
City: ANCHORAGE AK 99517		Zip Code:					
I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.							
Shipper's Signature X		PRINTED NAME		Date			
Domestic ☐		International ☐					
Insured Value		Declared Value For Customs					
Airport of Departure		First Carrier		Airport of Destination			
Nature and Quantity of Goods:							
Handling Information: Portland							
To Consignee: (Complete Consignee information required on package)							
Columbia Analytical Services, Inc		ATTN: Ningta Li					
Address: 1317 South 13th Ave		Phone: 360/577-7222					
City: Kelso		State: WA		Zip Code: 98626			
Consignee's Printed Name - Signature (Received in Good Order Except as Noted)						Time a.m. p.m.	
Date							
Airline 027-		Origin		AIR WAYBILL Number 4974 2766			
GoldStreak Alaska Airlines		Remarks					

Form of Payment	PCS.	WT. RANGE	RATE	CHARGE
☐ Cash ☐ Check ☐ GBL-Attach GBL		GSX LETTER		
☒ AS / QX Account Number 174400453251		1-15		
☐ Credit Card Number		16-50		
Validata Approval		51-70		
(Required for all except cash and GBL)		71-100		
CHECK ONE ONLY				
☒ AIRPORT TO AIRPORT SERVICE				
Subtotal Charges				
Other Charges				
Executed By: Date/Time				
a.m. 1st Carrier				
p.m. 2nd Carrier				
3rd Carrier				
Tax (Offline only)				
Pickup (NON AS COURIER)				
Delivery (NON AS COURIER)				
Special Service				
Insurance				
TOTAL				

Carrier	Flight	Destination	E.T.A.
AS			

Shipper to complete all shaded areas

Door-To-Door Service: (800) 634-7113

10. Original Invoice

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

2002 Northeast Cape 1850574.260120					SOIL				WATER															
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher		TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin			DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP				BTEX SW8260B		CRO AK101		Spare		Sulfate EPA 300 Alkalinity EPA 300		BTEX SW8260B CRO AK101		Methane, Ethane, Ethene RSK 175		DRO/RRO AK102/103		30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070	
Sampler's Signature <i>Jaughas Quist</i>					TOC by lab SOP		BTEX SW8260B		CRO AK101		Spare		Sulfate EPA 300 Alkalinity EPA 300		BTEX SW8260B CRO AK101		Methane, Ethane, Ethene RSK 175		DRO/RRO AK102/103					
Date	Time	Sample ID	Matrix	Containers	Soil	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	
8/14	1230	02NE88GW003	W	1										X										
8/14	1400	02NE88GW004	W	1										X										
8/14	1500	02NE88GW005	W	1										X										
8/20	1300	02NE88GW006	W	1										X										
8/20	1400	02NE88GW007	W	5										X				X			MS/MSD			
8/20	1500	02NE88GW008	W	1										X										
8/19	1410	02NE88GW204	W	1										X										
Relinquished by: <i>Jaughas Quist</i>					Date 8/21/02 Time 0800		Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2770																	
Received for Laboratory by:					Date Time		Cooler Temperature °C Upon Arrival																Laboratory Notified Call or Faxed	

Project/Client

Montgomery Watson

Work Order K22

5936

05832 Km

Cooler received on

8/22/02

and opened on

8/22/02

Km.

1. Were custody seals on outside of cooler?
If yes, how many and where? Red Custody Tape
2. Were seals intact and signature & date correct? mtl 10/15/02
3. COC #
Temperature of cooler(s) upon receipt: 5.5
Temperature Blank: 2.7
4. Were custody papers properly filled out (ink, signed, etc.)?
5. Type of packing material present ice packs, plastic
6. Did all bottles arrive in good condition (unbroken)?
7. Were all bottle labels complete (i.e. analysis, preservation, etc.)?
8. Did all bottle labels and tags agree with custody papers?
9. Were the correct types of bottles used for the tests indicated?
10. Were all of the preserved bottles received at the lab with the appropriate pH?
11. Were VOA vials checked for absence of air bubbles, and if present, noted below?
12. Did the bottles originate from CAS/K or a branch laboratory?
13. Are CWA Microbiology samples received with > 1/2 the 24 hr. hold time remaining from collection?
14. Was CL2/Residual negative?

☒ Y ☐ N☒ Y ☒ N☒ Y ☐ N☒ Y ☐ N☒ Y ☐ N☒ Y ☐ N☒ Y ☐ N☐ Y ☐ N☒ Y ☐ N☒ Y ☐ N☐ Y ☐ N☐ Y ☐ N

Explain any discrepancies:

RESOLUTION:

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

Gold Streak
Alaska Airlines

1850574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline Origin
027-

AIR WAYBILL Number
4974 2770

From Shipper:
MONTGOMERY WATSON AMER AGL 907 43-8884

Address:
4100 SPENARD ROAD

Phone:

City: ANCHORAGE AK 99517 State:

Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature PRINTED NAME Date
X

Domestic ☐ International ☐

Insured Value Declared Value For Customs

Airport of Departure First Carrier Airport of Destination

Nature and Quantity of Goods:

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)

Columbia Analytical Services, Inc ATTN: Mingta Lin

Address: 1317 South 13th Ave Phone: 206/577-7222

City: Kelso WA 98626 State: Zip Code:

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) Time a.m. p.m.
Date

Airline Origin AIR WAYBILL Number
027- **4974 2770**

Gold Streak
Alaska Airlines

Total Pieces

Total Weight

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

PCS.	WT RANGE	RATE	CHARGE
	GSX LETTER		
	1-15		
	16-50		
	51-70		
	71-100		

Validata Approval
(Required for all except cash and GBL)

CHECK ONE ONLY

☐ AIRPORT TO AIRPORT SERVICE

Subtotal Charges

PICK-UP ONLY DELIVERY ONLY DOOR-TO-DOOR
☐ ☐ ☐

Executed By: Date/Time a.m. p.m.

Carrier Flight Destination E.T.A.

AS			

Other Charges

1st Carrier

2nd Carrier

3rd Carrier

Tax (Offline only)

Pickup (NON AS COURIER)

Delivery (NON AS COURIER)

Special Service

Insurance

TOTAL

Remarks

Shipper to complete all shaded areas

Door-To-Door Service: (800) 634-7113

10. Original Invoice

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

TO:
Sewern Trent Laboratories 5755
8th Street East
Tacoma, WA 99842*
Phone: (253)922-2310
Fax: (253)9225047
Attn: Dawn Werner



wo #

DRO/RRO AK102/103,
PAH SIM SW8270C,
PCB SW8082,
Lead, Zinc, Chromium SW6020,
TOC by lab SOP

BTEX SW8260B

GRO AK101

Spare

Sulfate EPA 300
Alkalinity EPA 300

BTEX SW8260B
GRO AKI01

Methane, Ethane, Ethene RSK 175

DRO/RRO AK102/103

30 day Turn-Around-Time
COELT EDD
Hardcopy Deliverable BOA Option 2

Sample Signature

Signature

Douglas Davis

1 Clear glass
unpreserved

1. Clear glass
W/MeOH

It's Amberglass
w/ 90% to 95%

1 Clear glass
unpreserved

Plastic
unpreserved

3 x 40 ml w/ HCE	
---------------------	--

x 40 NEW
HCL

2 x 500 ml amber glass w/

CONCLUSIONS[illegible]

Relinquished by: Douglas Quist

Date	8/21/03
Time	0800

Shipped Via Alaska Airlines Goldstreak Air Bill # 497 1720 4611

Received for Laboratory by:

Date	
Time	

Cooler Temperature
Upon Arrival

°C

Laboratory Notified
Call or Faxed

Revised 1
8-27-02
B. Michael

USAED, ALASKA DISTRICT

Northeast Cape Mod 7
NPDL WO # 02-080

30 day Turn-Around-Time
COELT EDD
Hardcopy Deliverable BOA Option 2

[illegible]

F A X



MWH

MONTGOMERY WATSON HARZA

Date: 8-27-02

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883

Fax: (907) 248-8884

To: Down Werner

Subject: Northeast Cape Mod 7 COC

Company: Severn Trent Labs.

Fax No: 253-922-5047

From: Douglas Quist

Job No: 1850574.260120

No. of Pages: 3
(including cover)

Please See Attached Chain-of-Custody and all Revisions.

Thank you

Douglas Quist

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Transmission Report

Date/Time
Local ID
Local Name
Company Logo

8-27-02; 2:27PM
2488884
MWH

This document was confirmed.
(reduced sample and details below)
Document Size Letter-S

FAX



MWH
MONTGOMERY WATSON HARRIS

Date: 8-27-02

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883
Fax: (907) 248-8884

To: Dawn Werner

Subject: Northeast Cape Mod 7 COC

Company: Severn Trent Labs.

Fax No: 253-922-5047

From: Douglas Quist

Job No: 1850574.260120

No. of Pages: 3
(including cover)

Please See Attached Chain-of-Custody and all Enclosures.

Thank you

Douglas Quist

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Total Pages Scanned : 3 Total Pages Confirmed : 3

No.	Doc	Remote Station	Start Time	Duration	Pages	Mode	Comments	Results
1	561	12539225047	8-27-02; 2:24PM	2'26"	3/ 3	EC		CP 14.4

Notes :

EC: Error Correct
BC: Broadcast Send
CP: Completed
HS: Host Scan
HF: Host Fax

RE: Resend
MP: Multi-Poll
RM: Receive to Memory
HP: Host Print
HR: Host Receive

PD: Polled by Remote
PG: Polling a Remote
DR: Document Removed
FO: Forced Output
FM: Forward Mailbox Doc.

MB: Receive to Mailbox
PI: Power Interruption
TM: Terminated by user
WT: Waiting Transfer
WS: Waiting Send



GOLDSTREAK
PACKAGE EXPRESS

P.O. Box 68900
Seattle, WA 98168

Airline **027-** Origin **ANC** AIR WAYBILL Number **1720 4611**

From Shipper:
MONTGOMERY WATSON **907 248-8883**

Address:
4300 SPINARD RD

Phone:

City: **ANCHORAGE AK 99517** State:

Zip Code:

The Federal Aviation Administration requires Alaska Airlines to inform you of the following "Shipper's Security Notification":

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials. I consent to a search of this shipment. I am aware that this endorsement and original signature, along with other shipping documents, will be retained on file until the shipment is delivered.

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shipper's copy.

Contents
Water Samples

Insured Value

Declared Value of Customs

Shipper's Signature **PRINTED NAME**
X **Montgomery Watson** **8-21-02**

Name of person from whom shipment was accepted IF different from shipper:

1st ID ID TYPE _____ PHOTO ID Y N
ID # _____

IF THE FIRST ID WAS NOT A GOVT. OR EMPLOYER ISSUED PHOTO ID

2nd ID ID TYPE _____ PHOTO ID Y N
ID # _____

To Consignee: (Complete Consignee information required on package)

Severn Trent Laboratories

Address: **5755 8th St. East** Phone: **253-922-2310**

City: **Tacoma** State: **WA** Zip Code: **98442**

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) Time a.m.
Date p.m.

Airline **027-** Origin **ANC** AIR WAYBILL Number **1720 4611**

Thank you for shipping with
Alaska Airlines

Total Pieces

Total Weight

MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ☒ If Live Animal ☐

Form of Payment
☐ Cash ☐ Check ☐ GBL-Attach GBL
☒ AS/QX Account Number
27440065151
☐ Credit Card Number

PCS. WT. RATE CHARGE

GSX LETTER

1-15

16-50 **75.00**

51-70

71-100

Validata Approval **JK**
(Required for all except cash and GBL)

CHECK ONE ONLY

☒ AIRPORT TO AIRPORT SERVICE

Subtotal Charges

Other Charges

Executed By: Date/Time **7:40 a.m.**

TS 12/12 **7:40 p.m.**

Carrier Flight Destination E.T.A.

AS **80** **ANC** **10:15**

AS **74** **SEA** **3:07**

AS **74** **SEA** **3:07**

AS **74** **SEA** **3:07**

AS **74** **SEA** **3:07**

AS **74** **SEA** **3:07**

AS **74** **SEA** **3:07**

1st Carrier

2nd Carrier

3rd Carrier

Tax (Offline only)

Pickup (NON AS COURIER)

Delivery (NON AS COURIER)

Special Service

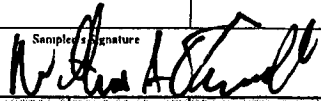
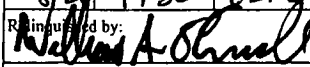
Insurance

TOTAL **75.00**

Remarks

Door-To-Door Service: (800) 634-7113

3. Shippers Receipt

2002 Northeast Cape 1850574.260120					SOIL				WATER						
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher					TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin									30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070	
					DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6030, TOC by Lab SOP				BTEX SW8260B GRO AK101 Spare Sulfate EPA 300 Alkalinity EPA 300 BTEX SW8260B GRO AK101 Methane, Ethane, Ethene RSK 175 DRO/RRO AK102/103						
Sample Signature: 															
Date	Time	Sample ID	Matrix	Total Containers	809-1	809-2	809-3	809-4	Sulfate	VOA Vials	VOA Vials	VOA Vials	VOA Vials		
8/18	1700	02NE88SB015	S	2	X			X							
8/18	1720	02NE88SB016	S	2	X			X							
8/19	1310	02NE88SB017	S	3	X			X						MS/MSD DRO, RRO, PAH, PCB, Pb, ONLY	
8/19	1355	02NE88SB018	S	2	X			X							
8/19	1705	02NE88SB019	S	2	X			X							
8/19	1715	02NE88SB020	S	2	X			X							
8/20	1250	02NE88SB023	S	2	X			X							
8/20	1305	02NE88SB024	S	2	X			X							
8/20	1415	02NE88SB025	S	2	X			X							
8/20	1505	02NE88SB026	S	2	X			X							
8/20	1520	02NE88SB027	S	2	X			X							
8/20	1530	02NE88SB028	S	2	X			X							
8/20	1730	02NE88SB029	S	2	X			X							
Requested by: 					Date: 8-21-02 Time: 0800		Shipped Via Alaska Airlines Goldstreak Air Bill # 4174 2744								
Received for Laboratory by:					Date: _____ Time: _____		Cooler Temperature _____ °C Upon Arrival _____							Laboratory Notified Call or Faxed	

[illegible]

COLUMBIA ANALYTICAL SERVICES INC.
Cooler Receipt And Preservation Form

CAS

Project/Client Montgomery Watson Work Order K22 5936
Cooler received on 8/22/02 and opened on 8/22/02 by KM

1. Were custody seals on outside of cooler? Red Custody Tape ☒ Y ☐ N
If yes, how many and where? mtl 10/15/02
2. Were seals intact and signature & date correct? ☒ Y ☒ N
3. COC # Soil 2.5 NP.
Temperature of cooler(s) upon receipt: 2.5 NP.
Temperature Blank: NP.
4. Were custody papers properly filled out (ink, signed, etc.)? ☒ Y ☐ N
5. Type of packing material present 16 packs, plastic
6. Did all bottles arrive in good condition (unbroken)? ☒ Y ☐ N
7. Were all bottle labels complete (i.e. analysis, preservation, etc.)? yes. ☒ Y ☐ N KM
8. Did all bottle labels and tags agree with custody papers? ☒ Y ☐ N
9. Were the correct types of bottles used for the tests indicated? ☒ Y ☐ N
10. Were all of the preserved bottles received at the lab with the appropriate pH? no ☒ Y ☐ N KM
11. Were VOA vials checked for absence of air bubbles, and if present, noted below? ☒ Y ☐ N
12. Did the bottles originate from CAS/K or a branch laboratory? ☒ Y ☐ N
13. Are CWA Microbiology samples received with > 1/2 the 24 hr. hold time remaining from collection? ☒ Y ☐ N
14. Was CL2/Residual negative? ☒ Y ☐ N

Explain any discrepancies: _____

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

Gold Streak*Alaska Airlines*

1850574.260120

www.ALASKAAIR.com
1-800-2ALASKAP.O. Box 68900
Seattle, WA 98168Airline
027-

Origin

AIR WAYBILL Number

4974 2744From Shipper:
MONTGOMERY WATSON AERIAL INC. 907 248-8861Address:
4100 SPENARD ROAD

Phone:

City:
ANCHORAGE AK 99517

State:

Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature: *William A. Connell* PRINTED NAME: *William A. Connell*Date: *8-21-02*Domestic ☒International ☐

Insured Value

Declared Value For Customs

Airport of Departure

First Carrier

Airport of Destination

Nature and Quantity of Goods:

Soil sampler

Handling Information:

Portland

To Consignee: (Complete Consignee information required on package)

Columbia Analytical Services, Inc ATTN: Mingta LiAddress:
1317 South 13th AvePhone:
360/577-7222

City:

State:

Kelso**WA**

Zip Code:

98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted)

Time

a.m.
p.m.

Date

Airline

027-

Origin

AIR WAYBILL Number

4974 2744**Gold Streak**
Alaska Airlines

Remarks

Total Pieces

Total Weight

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

(Required for all except cash and GBL)

CHECK ONE ONLY

☒ AIRPORT TO AIRPORT SERVICE

Subtotal Charges

PICK-UP
ONLY
☐DELIVERY
ONLY
☐DOOR TO
DOOR
☐

AS COURIER CHARGES

Other Charges

Executed By: Date/Time

a.m.

1st
Carrier

p.m.

2nd
Carrier

Carrier

Flight

Destination

E.T.A.

AS3rd
CarrierTax
(Offline only)Pickup
(NON AS COURIER)Delivery
(NON AS COURIER)

Special Service

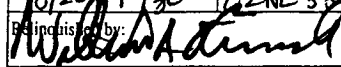
Insurance

TOTAL

Door-To-Door Service: (800) 634-7113

10. Original Invoice

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

2002 Northeast Cape 1850574.260120						SOIL				WATER				30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070	
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher						TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin									
						DRO/RO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP	BTEX SW8260B	GRO AK101	Spare	Sulfate EPA 300 Alkalinity EPA 300	BTEX SW8260B GRO AK101	Methane, Ethane, Ethene RSK 175	DRO/RO AK102/103	Common	
						1 Clear glass unpreserved	1 Clear glass SW/MeOH	1 Amber glass autoclaved MeOH	1 Clear glass unpreserved	Plastic unpreserved	3x 40 ml HCL	2x 40 ml HCL	2x 500 ml Amber glass/ HCL		
Date	Time	Sample ID	Matrix	Total Containers	8oz jar	4oz jar	4oz jar	4oz jar	1 L bottle	VOA Vials	VOA Vials	VOA bottles			
8/18	1700	02NE88SB015	S	2		X	X								
8/18	1720	02NE88SB016	S	6 ^{ho}		X	X						MS/MSD GRO/BTEX		
8/19	1310	02NE88SB017	S	2		X	X								
8/19	1355	02NE88SB018	S	2		X	X								
8/19	1705	02NE88SB019	S	2		X	X								
8/19	1715	02NE88SB020	S	2		X	X								
8/20	1250	02NE88SB023	S	2		X	X								
8/20	1305	02NE88SB024	S	2		X	X								
8/20	1415	02NE88SB025	S	2		X	X						50ml of MeOH used		
8/20	1435	02NE88SB026	S	2		X	X								
8/20	1505	02NE88SB027	S	2		X	X								
8/20	1530	02NE88SB028	S	2		X	X								
8/20	1730	02NE88SB029	S	2		X	X								
Shipped by: 					Date: 8/21/02					Shipped Via Alaska Airlines Goldstream Air Bill # 4974 2733					
Received for Laboratory by:					Date: 8/28/02					Cooler Temperature					°C
					Time: 5:00					Upon Arrival					Laboratory Notified Call or Faxed

COLUMBIA ALKALYNE SERVICES INC.
Cooler Receipt And Preservation Form

Project/Client KW Montgomery Watson Work Order K22 5936 CAS. 05832 Km
Cooler received on 8/22/02 and opened on 8/22/02 km.

1. Were custody seals on outside of cooler?
If yes, how many and where? Red Custody Tape. (Y) N
2. Were seals intact and signature & date correct? mtl 10/15/02 (Y) (N)
3. COC # Soil
Temperature of cooler(s) upon receipt: 5.5
Temperature Blank: 1.0
4. Were custody papers properly filled out (ink, signed, etc.)? (Y) N
5. Type of packing material present Ice packs, plastic
6. Did all bottles arrive in good condition (unbroken)? (Y) N
7. Were all bottle labels complete (i.e. analysis, preservation, etc.)? Y (N)
8. Did all bottle labels and tags agree with custody papers? (Y) N
9. Were the correct types of bottles used for the tests indicated? (Y) N
10. Were all of the preserved bottles received at the lab with the appropriate pH? Y N
11. Were VOA vials checked for absence of air bubbles, and if present, noted below? (Y) N
12. Did the bottles originate from CAS/K or a branch laboratory? (Y) N
13. Are CWA Microbiology samples received with > 1/2 the 24 hr. hold time remaining from collection? Y N
14. Was CL2/Residual negative? Y N

Explain any discrepancies:

(4) 4oz Methanol Soil jars - no
Sample ID. 16 mg/msd on lids Id'd as 02NE8855016
02NE8855016 by 16 on lid.

RESOLUTION: _____

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

Gold Streak
Alaska Airlines

1850574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline
027-

Origin

AIR WAYBILL Number
4974 2733

From Shipper:
MONTGOMERY WATSON ANDERSON INC 927 248-8800

Address:
5100 SPENARD ROAD

Phone:

City: Anchorage AK 99517 State:

Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature: *[Signature]* PRINTED NAME: *Alison A. O'Connell* Date: *8-21-02*

Domestic ☒ International ☐

Insured Value Declared Value For Customs

Airport of Departure First Carrier Airport of Destination *DX*

Nature and Quantity of Goods:
Soil Samples

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)

Columbia Analytical Services, Inc ATTN: Ningta Li

Address: 1317 South 13th Ave Phone: 360/577-7222

City: Kelso WA Zip Code: 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) Time a.m. p.m.

Date

Airline Origin AIR WAYBILL Number
027- 4974 2733

Gold Streak
Alaska Airlines

Total Pieces

Total Weight

MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ☒ If Live Animal ☐

Form of Payment

☐ Cash ☐ Check ☐ GBL-Attach GBL
☐ AS / QX Account Number
7440005151
☐ Credit Card Number

PCS. WT. RANGE RATE CHARGE

GSX LETTER			
1-15			
16-50			
51-70			
71-100			

Validata Approval

(Required for all except cash and GBL)

CHECK ONE ONLY

☒ AIRPORT TO AIRPORT SERVICE

Subtotal Charges

PICK-UP ONLY DELIVERY ONLY BOTH

Executed By: Date/Time a.m. p.m.

Carrier Flight Destination E.T.A.

AS			

Other Charges

1st Carrier
2nd Carrier
3rd Carrier
Tax (Offline only)
Pickup (NON AS COURIER)
Delivery (NON AS COURIER)
Special Service
Insurance
TOTAL

Remarks

Door-To-Door Service: (800) 634-7113

10. Original Invoice

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Columbia Analytical Services
1317 South 13TH AVE
Kelso, WA 98626
360-577-7222



DDRO/RRO AK102/103,
PAH SIM SW8270C,
PCB SW8082,
Lead, Zinc, Chromium SW6020,
TOC by lab SOP

BTEX SW8260B

GRO AK101

Spare

Sulfate EPA 300
Alkalinity EPA 300

BTX SW8260B
GRO AK101

Methane, Ethane, Ethene RSK 175

DRO/RRO AK102/103

30 day Turn-Around-Time
COELT EDD
Hardcopy Deliverable BOA Option 2

Sampler's Signature

Dealer's Signature Douglas Poist

[illegible]

Cooler Receipt And Preservation Form

Project/Client

MWH

Work Order K22

05829

Cooler received on 8/23/02 and opened on 8/23/02 by Km.

Were custody seals on outside of cooler?

If yes, how many and where?

Custody Tape

2. Were seals intact and signature & date correct?

3. COC #

Temperature of cooler(s) upon receipt:

3.5

Temperature Blank:

5.5

4. Were custody papers properly filled out (ink, signed, etc.)?

5. Type of packing material present

10 packs

6. Did all bottles arrive in good condition (unbroken)?

7. Were all bottle labels complete (i.e. analysis, preservation, etc.)?

8. Did all bottle labels and tags agree with custody papers?

9. Were the correct types of bottles used for the tests indicated?

10. Were all of the preserved bottles received at the lab with the appropriate pH?

11. Were VOA vials checked for absence of air bubbles, and if present, noted below?

12. Did the bottles originate from CAS/K or a branch laboratory?

13. Are CWA Microbiology samples received with > 1/2 the 24 hr. hold time remaining from collection?

14. Was CL2/Residual negative?

Explain any discrepancies:

RESOLUTION:

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak
Alaska Airlines

1850574.260120

1850634.1030102

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline
027-

Origin

AIR WAYBILL Number
4218 4660

From Shipper: JERRY WATSON HANZ	
Address: 100 S. ALASKA ST.	
City: SEATTLE, WA	State: WA
Zip Code: 98101	
Phone: 206-468-0203	
I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.	
Shipper's Signature X	
PRINTED NAME JERRY WATSON	
Date 11/15/01	
Domestic ☐	International ☐
Insured Value	Declared Value For Customs
Airport of Departure Portland	First Carrier AS
Airport of Destination Seattle	
Nature and Quantity of Goods: 100 S. ALASKA ST.	
Handling Information: Portland	
To Consignee: (Complete Consignee information required on package) Columbia Analytical Services, Inc ATTN: Mingta Lin	
Address: 1317 South 13th Ave	
City: Tacoma	State: WA
Zip Code: 98626	
Phone: 360/577-7222	
Consignee's Printed Name - Signature (Received in Good Order Except as Noted)	
Time a.m. p.m.	
Date	
Airline 027-	Origin
AIR WAYBILL Number 4218 4660	
GoldStreak Alaska Airlines	

Total Pieces	Total Weight	MULTIPLE PIECES FOR AS FLIGHTS ONLY			
		Please ☒ If Live Animal ☐			
Form of Payment		PCS.	WT. RANGE	RATE	CHARGE
☐ Cash ☐ Check ☐ GBL-Attach GBL			GSX LETTER		
☒ AS / QX Account Number			1-15		
☐ Credit Card Number			16-50		
Validata Approval (Required for all except cash and GBL)			51-70		
CHECK ONE ONLY			71-100		
☒ AIRPORT TO AIRPORT SERVICE		Subtotal Charges			
PICK-UP ONLY ☐	DELIVERY ONLY ☐	DOOR TO DOOR ☐	AS COURIER CHARGES		
Executed By: Date/Time			Other Charges		
a.m.			1st Carrier		
p.m.			2nd Carrier		
Carrier AS	Flight	Destination	E.T.A.	3rd Carrier	
				Tax (Offline only)	
				Pickup (NON AS COURIER)	
				Delivery (NON AS COURIER)	
				Special Service	
				Insurance	
				TOTAL	
Remarks					

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Door-To-Door Service: (800) 634-7113

10. Original Invoice

2002 Northeast Cape 1850574.260120				SOIL				WATER																															
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher		TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin		DRO/RO AK102/103, PAH SIM SW8276C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP				BTEX SW8260B				GRO AK101				Spare				Sulfate EPA 300 Alkalinity EPA 300				BTEX SW8260B GRO AK101				Methane, Ethane, Ethene RSK 175				DRO/RO AK102/103				30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070			
Sampler's Signature: <i>J. Dreher</i>																																							
8/21	1500	02NE88SB033	S	42	X	X	X	X																															
8/21	1510	02NE88SB034	S	42	X	X	X	X																															
8/21	1515	02NE88SB034	S	42	X	X	X	X																															
8/21	1555	02NE88SB035	S	42	X	X	X	X																															
8/21	1605	02NE88SB036	S	42	X	X	X	X																															
8/21	1607	02NE88SB036	S	42	X	X	X	X																															
8/22	1400	02NE88SB037	S	42	X	X	X	X																															
8/22	1405	02NE88SB037	S	42	X	X	X	X																															
8/22	1410	02NE88SB038	S	42	X	X	X	X																															
8/22	1935	02NE88SB039	S	42	X	X	X	X																															
8/22	1940	02NE88SB039	S	42	X	X	X	X																															
8/22	1950	02NE88SB040	S	42	X	X	X	X																															
8/21	2100	02NE88TB007	S	2	X	X	X	X																															
Relinquished by: <i>J. Dreher</i>				Date: 8/25/02 Time: 2315		Shipped Via Alaska Airlines Goldstreak Air Bill # 4974 2696																																	
Received for Laboratory by:				Date: _____ Time: _____		Cooler Temperature _____ °C Upon Arrival _____												Laboratory Notified Call or Faxed																					

TRANSMISSION REPORT

DATE/TIME
LOCAL TERMINAL ID
LOCAL NAME
CO. LOGO

8-26- 2 7:32 AM
9072488884
MWA

PAGES SCANNED

2

NO	FILE	REMOTE STATION	START TIME	DURAT.	#	COMMENT	RESULT
1	087	13606361068	8-26- 7:30 AM	1' 34"	2		OK ECM

This document was confirmed.
(Reduced sample below-see details above)

Size LT

[illegible]

Cooler Receipt And Preservation Form

CWA MICROBIOLOGY CAS

Project/Client

Montgomery Watson

Work Order K22

05936

Cooler received on

8/26/02

and opened on

8/26/02

by

J.M.

Were custody seals on outside of cooler?

If yes, how many and where?

Red Custody Tape

☒ Y ☐ N

2. Were seals intact and signature & date correct?

with 9/25/02 ☒ Y ☒ N

3. COC #

Temperature of cooler(s) upon receipt:

2.0

Temperature Blank:

-0.4

4. Were custody papers properly filled out (ink, signed, etc.)?

☒ Y ☐ N

5. Type of packing material present

ice packs, plastic.

6. Did all bottles arrive in good condition (unbroken)?

☒ Y ☐ N

7. Were all bottle labels complete (i.e. analysis, preservation, etc.)?

☒ Y ☐ N

8. Did all bottle labels and tags agree with custody papers?

See other CRF.

☒ Y ☐ N

9. Were the correct types of bottles used for the tests indicated?

☒ Y ☐ N

10. Were all of the preserved bottles received at the lab with the appropriate pH?

☒ Y ☐ N

11. Were VOA vials checked for absence of air bubbles, and if present, noted below?

☒ Y ☐ N

12. Did the bottles originate from CAS/K or a branch laboratory?

☒ Y ☐ N13. Are CWA Microbiology samples received with $> \frac{1}{2}$ the 24 hr. hold time remaining from collection?☒ Y ☐ N

14. Was CL2/Residual negative?

☒ Y ☐ N

Explain any discrepancies:

RESOLUTION:

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

Gold Streak
Alaska Airlines

1850574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline Origin AIR WAYBILL Number
027- | **4974 2696**

From Shipper:
MONTGOMERY WATSON AMER INC 907 248-8800

Address: 4100 SPENARD ROAD Phone:
City: ANCHORAGE AK 99517 State: Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature PRINTED NAME Date
X [Signature] 8/25/00

Domestic ☐ International ☐

Insured Value Declared Value For Customs

Airport of Departure First Carrier Airport of Destination

Nature and Quantity of Goods:

Handling Information:
Portland

To Consignee: (Complete Consignee information required on package)

Columbia Analytical Services, Inc ATTN: Mingta Li

Address: 1317 South 13th Ave Phone: 360/577-7222
City: Kelso State: WA Zip Code: 98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) Time a.m. p.m.
Date

Airline Origin AIR WAYBILL Number
027- | **4974 2696**

Gold Streak
Alaska Airlines

Total Pieces Total Weight
MULTIPLE PIECES FOR AS FLIGHTS ONLY
Please ☒ If Live Animal ☐

Form of Payment
☐ Cash ☐ Check ☐ GBL-Attach GBL
☒ AS / QX Account Number 27440065151
☐ Credit Card Number

Validata Approval (Required for all except cash and GBL)
CHECK ONE ONLY
☒ AIRPORT TO AIRPORT SERVICE

Subtotal Charges

PICK-UP ONLY DELIVERY ONLY BOTH PICK-UP AND DELIVERY
☐ ☐ ☐

Other Charges

Executed By: Date/Time a.m. p.m.
4/5 4/25 2322

Carrier Flight Destination E.T.A.

AS 100 PDX 548

Pickup (NON AS COURIER)

Delivery (NON AS COURIER)

Special Service

Insurance

TOTAL 105.00

Remarks

Shipper to complete all shaded areas

Door-To-Door Service: (800) 634-7113

10. Original Invoice

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

2002 Northeast Cape 1850574.260120					SOIL				WATER					
FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher		TO: Columbia Analytical Services 1317 South 13th Avenue Kelso, WA 98626 Phone: 360-577-7222 Fax: 360-636-1068 Attn: Mingta Lin			DRO/RO AK102/03, PAH SIM SW8279C, PCB SW8882, Lead, Zinc, Chromium SW6020, TOC by lab SOP				BTEX SW8260B GRO AK101 Spare Sulfate EPA 300 Alkalinity EPA 300 BTEX SW8260B GRO AK101 Methane, Ethane, Ethene RSK 175 DRO/RO AK102/03				30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2 Please FAX a copy of COC and Sample Check-in form to: Gerald Archibald at (907)753-2636 Phone: (907)753-2691 Sandra Kimbrell at (907) 353-7070	
Sampler's Signature: <i>Douglas Dineen</i>														
8/21	1500	02NE88SB033	S	42	X	X	X	X						
8/21	1510	02NE88SB034	S	42	X	X	X	X						
8/21	1515	02NE88SB034	S	42	X	X	X	X						
8/21	1555	02NE88SB035	S	42	X	X	X	X						
8/21	1605	02NE88SB036	S	42	X	X	X	X						
8/21	1607	02NE88SB036	S	42	X	X	X	X						
8/22	1400	02NE88SB037	S	42	X	X	X	X						
8/22	1405	02NE88SB037	S	42	X	X	X	X						
8/22	1410	02NE88SB038	S	42	X	X	X	X						
8/22	1935	02NE88SB039	S	42	X	X	X	X						
8/22	1940	02NE88SB039	S	42	X	X	X	X						
8/22	1950	02NE88SB040	S	42	X	X	X	X						
8/22	2100	02NE88SB007	S	42	X	X	X	X						
Relinquished by: <i>Douglas Dineen</i>					Date: 8/25/02 Time: 635					Shipped Via Alaska Airlines Goldseal Air Bill # 4974 2700				
Received for Laboratory by:					Date:					Cooler Temperature °C				
					Time:					Laboratory Notified Call or Faxed				

COC# 02NE13. LTD.

Project/Client Montgomery Watson Work Order K22 05936
 Cooler received on 8/26/02 and opened on 8/26/02 by LM.

1. Were custody seals on outside of cooler?
If yes, how many and where? Red Custody Tape (Y) N
2. Were seals intact and signature & date correct? with a (Y) (N)
3. COC #
 Temperature of cooler(s) upon receipt: 4.9
 Temperature Blank: 0.0
4. Were custody papers properly filled out (ink, signed, etc.)? (Y) N
5. Type of packing material present ice packs, plastic
6. Did all bottles arrive in good condition (unbroken)? (Y) N
7. Were all bottle labels complete (i.e. analysis, preservation, etc.)? (Y) N
8. Did all bottle labels and tags agree with custody papers? Y (N)
9. Were the correct types of bottles used for the tests indicated? (Y) N
10. Were all of the preserved bottles received at the lab with the appropriate pH? Y N
11. Were VOA vials checked for absence of air bubbles, and if present, noted below? Y N
12. Did the bottles originate from CAS/K or a branch laboratory? (Y) N
13. Are CWA Microbiology samples received with $> \frac{1}{2}$ the 24 hr. hold time remaining from collection? Y N
14. Was CL2/Residual negative? Y N

Explain any discrepancies: 1 4oz Methanol jar 02NE88SS033. Id'd as

02NE88SB033 by Times. 1 4oz methanol jar without
Sample Id. Id'd as 02NE88SB234 by '234' on lid and proc. of
 RESOLUTION: elimination

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

GoldStreak
Alaska Airlines

1850574.260120

www.ALASKAAIR.com
1-800-2ALASKA

P.O. Box 68900
Seattle, WA 98168

Airline
027-

Origin

AIR WAYBILL Number

4974 2700

From Shipper:
MONTGOMERY WATSON AMER INC **907 248-8883**

Total Pieces

Total Weight

MULTIPLE PIECES FOR AS FLIGHTS ONLY

Please ☒ If Live Animal ☐

Address:
1100 SPENARD ROAD

Phone:

City: **ANCHORAGE AK 99517** State:

Zip Code:

I certify that this shipment does not contain any unauthorized explosives, destructive devices or hazardous materials.

Shipper's Signature **X** PRINTED NAME

Date

Domestic ☐

International ☐

Insured Value

Declared Value For Customs

Airport of Departure

First Carrier

Airport of Destination

Nature and Quantity of Goods:

Handling Information:

Portland

To Consignee: (Complete Consignee information required on package)

Columbia Analytical Services, Inc ATTN: Mingta Li

Address:
1317 South 13th Ave

Phone:

360/577-7222

City: **Kelso** State: **WA**

Zip Code
98626

Consignee's Printed Name - Signature (Received in Good Order Except as Noted) Time a.m.

Date p.m.

Airline
027-

Origin

AIR WAYBILL Number

4974 2700

GoldStreak
Alaska Airlines

Remarks

Form of Payment

☐ Cash ☐ Check ☐ GBL-Attach GBL

☒ AS / QX Account Number

17440065151

☐ Credit Card Number

Validata Approval

(Required for all except cash and GBL)

CHECK ONE ONLY

☒

AIRPORT TO AIRPORT SERVICE

Subtotal Charges

PICK-UP ONLY ☐

DELIVERY ONLY ☐

DOOR-TO-DOOR ☐

AS CARRIER CHARGES

Other Charges

Executed By: Date/Time

a.m.

p.m.

Carrier

Flight

Destination

E.T.A.

AS

100

PDX

248

1st Carrier

2nd Carrier

3rd Carrier

Carrier

Tax (Offline only)

Pickup (NON AS COURIER)

Delivery (NON AS COURIER)

Special Service

Insurance

TOTAL

25.00

Door-To-Door Service: (800) 634-7113

10. Original Invoice

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher MWH job # 1850574.260120		TO: Severn Trent Laboratories 5755 8th Street East Tacoma, WA 998424 Phone: (253)922-2310 Fax: (253)9225047 Attn: Dawn Werner		DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP		BTEX SW8260B		GRO AK101		Spare		Sulfate EPA 300 Alkalinity EPA 300		BTEX SW8260B GRO AK101		Methane, Ethane, Ethene RSK 175		DRO/RRO AK102/103		30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2			
Sampler's Signature 																							
Date	Time	Sample ID	Matrix	Volume	TOC	PAH	PCB	Lead	Zinc	Chromium	Sulfate	Alkalinity	BTEX	GRO	Methane	Ethane	Ethene	DRO/RRO					
8/17	1110	02NE885B 306	S	4	X	X	X	X															
8/21	1600	02NE885B 335	S	12	X	X	X	X											MS/MSD				
8/22	1415	02NE885B 338	S	4	X	X	X	X															
8/22	1955	02NE885B 340	S	4	X	X	X	X															
8/17	2100	02NE887B 008	S	2	X	X	X	X															
Relinquished by:				Date 8/25/02		Shipped Via Alaska Airlines Goldstreak Air Bill # 4218 4796																	
Received for Laboratory by:				Time 2315		Cooler Temperature														°C		Laboratory Notified	
				Time		Upon Arrival																Call or Faxed	

Revision 1

USAED, ALASKA DISTRICT
NORTHEAST CAPE MOD 7
NPDL WO# 02-080

30 day Turn-Around-Time
COELT EDD
Hardcopy Deliverable BOA Option 2

FROM: MWH 4100 Spenard Road Anchorage AK 99517 (907)248-8883 Fax (907) 248-8884 ATTN: Johanna Dreher Mwh job # 1850574.260120		TO: Severn Trent Laboratories 5755 8th Street East Tacoma, WA 998424 Phone: (253)922-2310 Fax: (253)9225047 Attn: Dawn Werner		DRO/RRO AK102/103, PAH SIM SW8270C, PCB SW8082, Lead, Zinc, Chromium SW6020, TOC by lab SOP		BTEX SW8260B		CRO AK101		Sulfate EPA 300 Alkalinity EPA 300		BTEX SW8260B CRO AK101		Methane, Ethane, Ethene RSK 175		DRO/RRO AK102/103		NORTHEAST CAPE MOD 7 NPDL WO# 02-080		
30 day Turn-Around-Time COELT EDD Hardcopy Deliverable BOA Option 2																				
Supplier Signature: <i>[Signature]</i>																				
Date	Time	Sample ID	Matrix	Volume																
8/17	1110	02NE885B 306	S	4	X	X	X	X												
8/21	1600	02NE885B 335	S	12	X	X	X	X										MS/MSD		
8/22	1415	02NE885B 338	S	4	X	X	X	X												
8/22	1955	02NE885B 340	S	4	X	X	X	X												
8/17	2100	02NE88TB 008	S	2	X	X	X													
Relinquished by: <i>[Signature]</i>				Date: 8/25/02		Shipped Via Alaska Airlines Goldstreak Air Bill # 4218 4796														
Received for Laboratory by:				Time: 2315																
				Date:		Cooler Temperature														
				Time:		Upon Arrival														
				°C Laboratory Notified Call or Faxed																

F A X



MWH

MONTGOMERY WATSON HARZA

Date:

4100 Spenard Road
Anchorage, AK 99517

Tel: (907) 248-8883

Fax: (907) 248-8884

To: Dawn Werner

Subject: COC

Company: STL

Fax No: 253-922-5047

From: Douglas Quist

Job No:

No. of Pages: 2
(including cover)

Please see attached COC for edits. All analyses are now checked. If you have any questions please call me at 907-266-1148.

Doug Quist

If you do not receive all pages, or if there are any problems with this transmission, please call our office at (907) 248-8883.

Transmission Report

Date/Time
Local ID
Local Name
Company Logo

8-26-02; 9:15AM
2488884
MWH

This document was confirmed.
(reduced sample and details below)
Document Size Letter-S

Total Pages Scanned : 2 Total Pages Confirmed : 2

No.	Doc	Remote Station	Start Time	Duration	Pages	Mode	Comments	Results
1	458	12539225047	8-26-02; 9:14AM	28"	2/ 2	EC		CP 14.4

Notes :

EC: Error Correct
E: Broadcast Send
CH: Completed
HS: Host Scan
HF: Host Fax

RE: Resend
MP: Multi-Poll
RM: Receive to Memory
HP: Host Print
HR: Host Receive

PD: Polled by Remote
PG: Polling a Remote
DR: Document Removed
FO: Forced Output
FM: Forward Mailbox Doc.

MB: Receive to Mailbox
PI: Power Interruption
TM: Terminated by user
WT: Waiting Transfer
WS: Waiting Send

Transmission Report

8-27-02; 11:15AM
2488884
MWH

This document was confirmed.
(reduced sample and details below)
Document Size Letter-S

[illegible]

Total Pages Scanned : 1 Total Pages Confirmed : 1

No.	Doc	Remote Station	Start Time	Duration	Pages	Mode	Comments	Results
1	526	12539225047	8-27-02; 11:13AM	60"	1/ 1	EC		CP 14.4

```

Notes :
EC: Error Correct          RE: Resend                PD: Polled by Remote      MB: Receive to Mailbox
BC: Broadcast Send        MP: Multi-Poll       PG: Polling a Remote      PI: Power Interruption
CP: Completed             RM: Receive to Memory DR: Document Removed      TM: Terminated by user
HS: Host Scan             HP: Host Print       FO: Forced Output         WT: Waiting Transfer
HF: Host Fax              HR: Host Receive     FM: Forward Mailbox Doc.  WS: Waiting Send

```

TRANSMISSION REPORT

DATE/TIME
LOCAL TERMINAL ID
LOCAL NAME
CO. LOGO

8-26- 2 7:30 AM
9072488884
MWA

PAGES SCANNED

1

NO	FILE	REMOTE STATION	START TIME	DURAT.	#	COMMENT	RESULT
1	086	12539225047	8-26- 7:29 AM	53"	1		OK ECM

This document was confirmed.
(Reduced sample below-see details above)

Size LT

2000 Northern Copy Press 11.11

COPIES: 100

DATE: 8/26/00

TIME: 7:30 AM

FROM: MWA

TO: MWA

REMARKS: 12539225047

FILE: 086

STATION: 12539225047

START TIME: 8-26- 7:29 AM

DURAT.: 53"

#: 1

COMMENT:

RESULT: OK ECM

Size LT

COPIES: 100

DATE: 8/26/00

TIME: 7:30 AM

FROM: MWA

TO: MWA

REMARKS: 12539225047

FILE: 086

STATION: 12539225047

START TIME: 8-26- 7:29 AM

DURAT.: 53"

#: 1

COMMENT:

RESULT: OK ECM

GoldStreak**Alaska Airlines** 1850574.260120www.ALASKAAIR.com
1-800-2ALASKAP.O. Box 68900
Seattle, WA 98168Airline Origin AIR WAYBILL Number
027- **4218 4796**

From Shipper: CARTER, WATSON, HARRIS		Total Pieces 4	Total Weight 416	MULTIPLE PIECES FOR AS FLIGHTS ONLY Please ☒ If Live Animal ☐	
Address: 100 SPEDARD ROAD		Form of Payment ☐ Cash ☐ Check ☐ GBL-Attach GBL ☒ AS / QX Account Number 174-5-5333 ☐ Credit Card Number		PCS. WT. RANGE RATE CHARGE GSX LETTER 1-15 16-50 51-70 71-100	
City: ANCHORAGE State: AK Zip Code: 99517		Validata Approval (Required for all except cash and GBL)		Subtotal Charges	
Shipper's Signature X		CHECK ONE ONLY ☒ AIRPORT TO AIRPORT SERVICE ☐ PICK-UP ONLY ☐ DELIVERY ONLY ☐ DOOR TO DOOR		AS COURIER CHARGES	
Domestic ☐ International ☐		Executed By: Date/Time 4/5/15 10:05 a.m.		Other Charges	
Insured Value Declared Value For Customs		Carrier Flight Destination E.T.A. AS 170 SEA 5:30		1st Carrier	
Airport of Departure First Carrier Airport of Destination		Remarks		2nd Carrier	
Nature and Quantity of Goods:				3rd Carrier	
Handling Information:				Tax (Offline only)	
To Consignee: (Complete Consignee information required on package)				Pickup (NON AS COURIER)	
Address: Phone: 206-123-4567				Delivery (NON AS COURIER)	
City: ANCHORAGE State: AK Zip Code: 99517				Special Service	
Consignee's Printed Name - Signature (Received in Good Order Except as Noted)				Insurance	
Airline Origin AIR WAYBILL Number 027- 4218 4796		GoldStreak Alaska Airlines		TOTAL 105.00	

This is a non-negotiable AIR WAYBILL subject to the terms and conditions set forth on the reverse of shippers copy.

Door-To-Door Service: (800) 634-7113

10. Original Invoice

[illegible]



MWH
MONTGOMERY WATSON HARZA

LABORATORY NOTIFICATION OF SHIPMENT

Northeast Cape 1850574.260120

TO: CAS
ATTN: Mingta Lin
FAX: 360-636-1068

PHONE: 360-577-7222

left message 1015 8/19/02
(Bgm)

COOLERS
DATE

3
8-19-2002

SAMPLES WERE SENT TO

Seattle

Portland

ALASKA AIRLINES FLIGHT # 100

ESTIMATED ARRIVAL TIME 6AM 8/20

Goldstreak airbill number 4974 2711

4974 2722

4974 2803

PLEASE PICK UP AT ALASKA AIRLINES GOLDSTREAK

COC#/Cooler ID 02NE1, 02NE2, 02NE3

From: MWH field team

cc. Jane Whitsett 907-248-8884

APPENDIX C

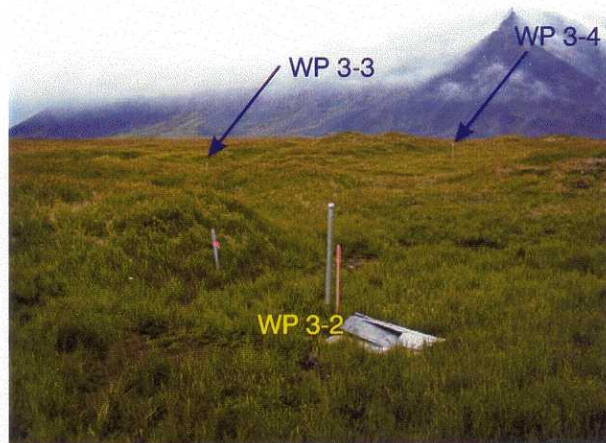
Field Photographs



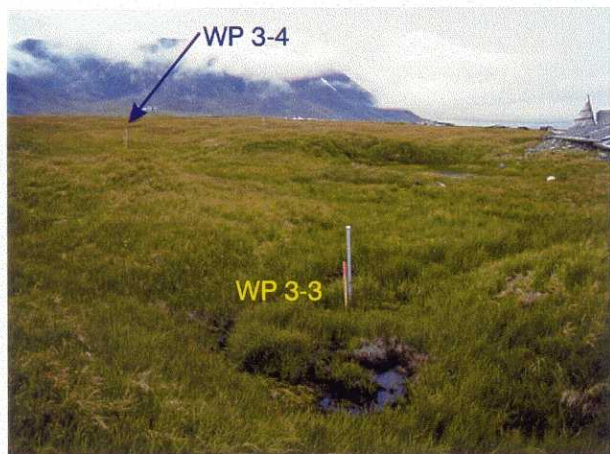
MWH



WP 3-2 01NE03WP102



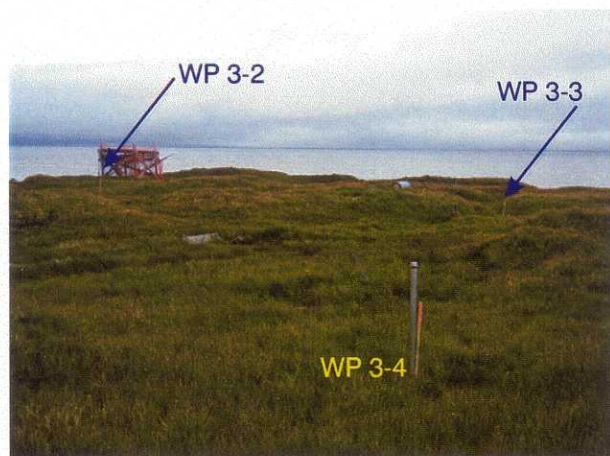
WP 3-2 01NE03WP102



WP 3-3 01NE03WP103



WP 3-3 01NE03WP103



WP 3-4 01NE03WP104

JOB No. 1850574.260160



MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

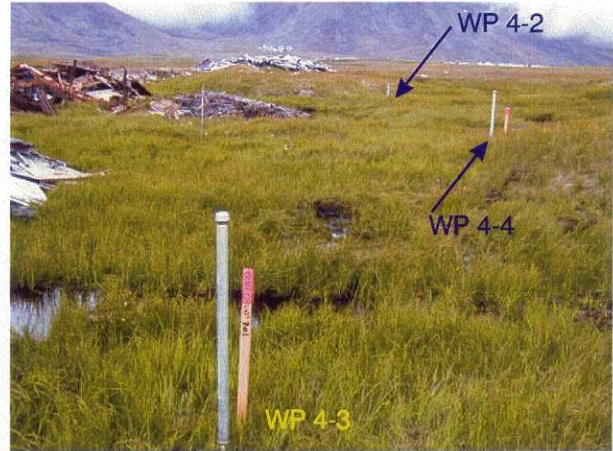
Site 3: Fuel Line Corridor and Pumphouse

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

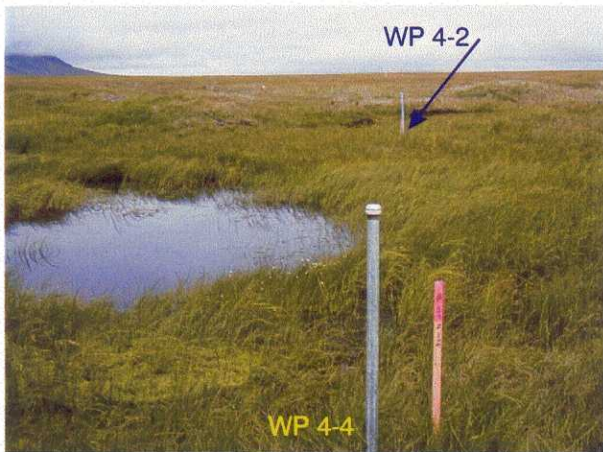
NORTHEAST CAPE 2001 RI PHOTOS



WP 4-2 01NE04WP102

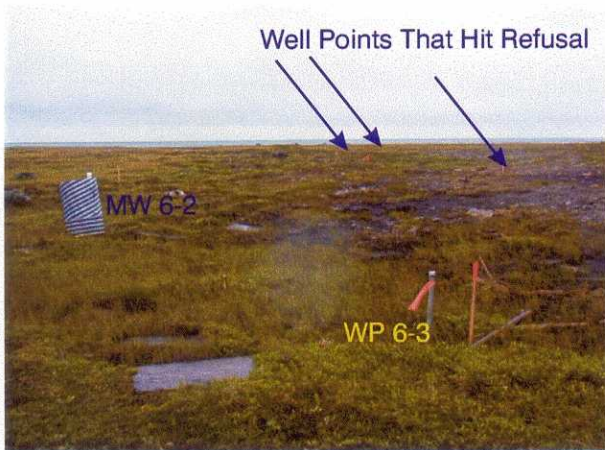


WP 4-3 01NE04WP103

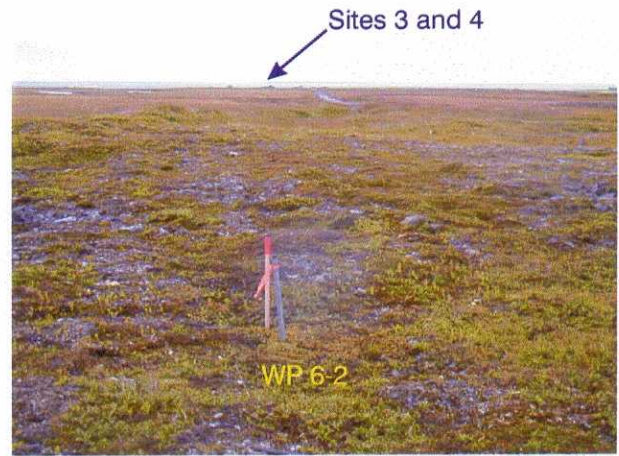


WP 4-4 01NE04WP104

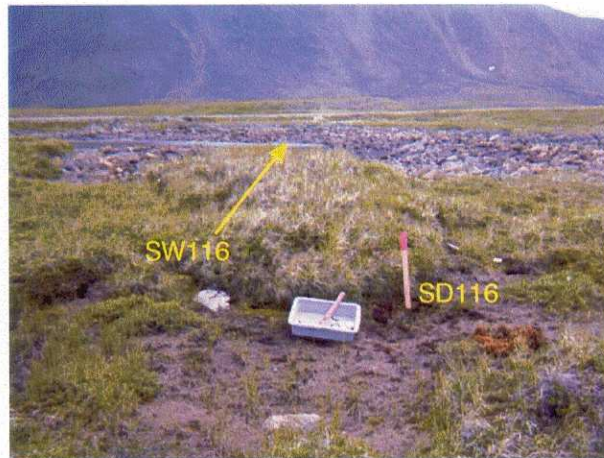




WP 6-3 01NE06WP103



WP 6-2 01NE06WP102



01NE06SW/SD116



01NE06SD117



01NE06TP101 , Test Pit 1



01NE06TP102 , Test Pit 2

JOB No. 1850574.260160



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 6: Cargo Beach Road Drum Field

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



01NE07SS125



01NE07SS126



01NE07SS127



01NE07SW/SD104



01NE07SW/SD104



01NE07SW/SD105

JOB No. 1850574.260160



MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 7: Cargo Beach Road Landfill

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



MW 9-3
01NE09MW103



01NE09WP102



01NE09SW/SD108



01NE09SW110



01NE09SW/SD109



01NE09SW/SD107

JOB No. 1850574.260160



MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Sites 9: Housing and Operations Landfill

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Site 14 Sample Grid



Site 14 Sample Grid



Site 14 Sample Grid



Site 14 Sample Grid

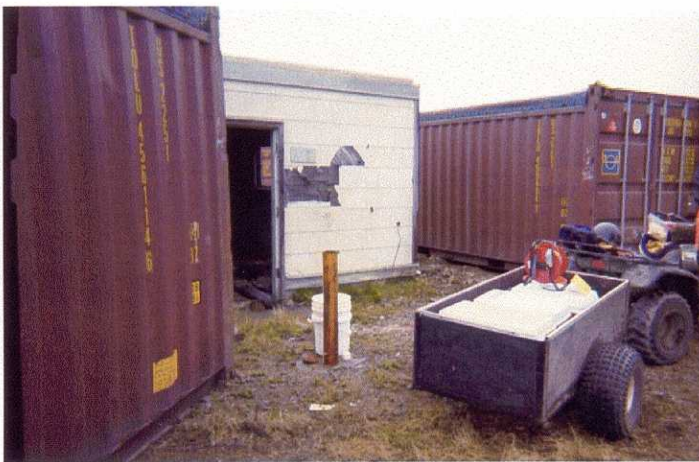




MW 16-2 01NE16GW102



MW 16-2 01NE16GW102



MW16-3 01NE16GW103



MW16-3 01NE16GW103



01NE16SS165, 01NE16SS166





01NE21SS/SB169



01NE21SS/SB170



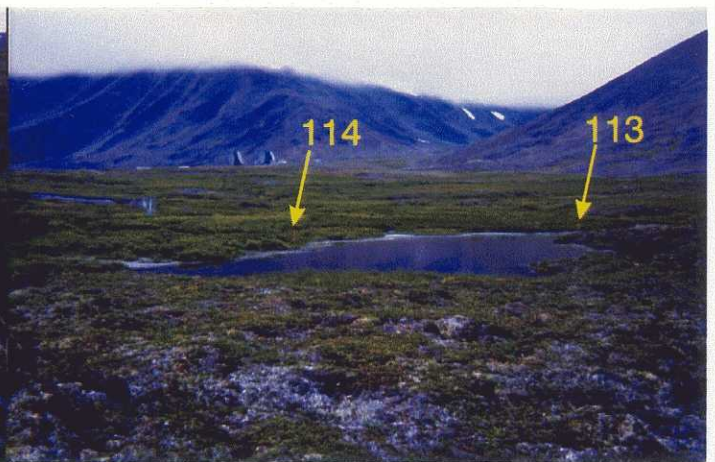
01NE21SS/SB171



01NE21SS172



01NE21SS173



01NE21SW/SD113

01NE21SW/SD114

JOB No. 1850574-260160



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Sites 21: Wastewater Treatment Facility

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Drinking Water Well 1
01NE35GW101



Removal of Pump from Drinking Water Well 2



Removal of Pump from Drinking Water Well 2
01NE35GW102



Drinking Water Well 3
01NEGW103



Drinking Water Well 4
01NE35GW104





01NE24SW/SD114



01NE24SW/SD114



01NE24SW/SD114



01NE24SD115





Cross Section 1 Looking East



Cross Section 1 Looking West



CS 1 Sample A



CS 1 Sample B



CS 1 Sample C



CS 1 Sample D



CS 1 Sample E



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 1

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 2 Looking East



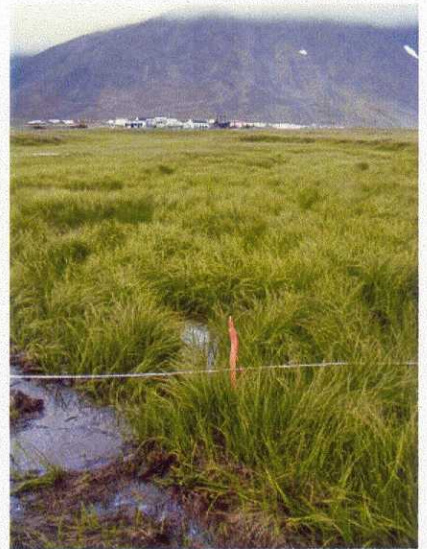
Cross Section 2 Looking West



CS 2 Sampling



CS 2 Sample A



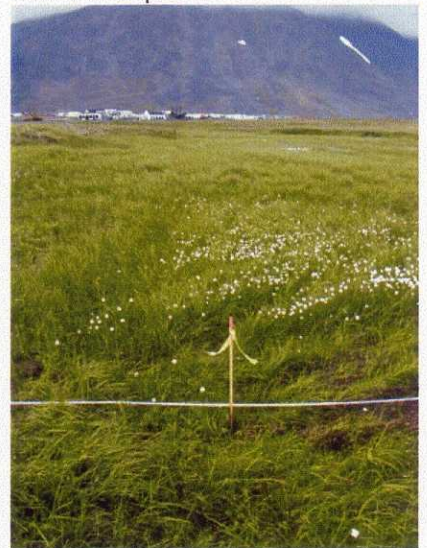
CS 2 Sample B



CS 2 Sample C



CS 2 Sample D



CS 2 Sample E



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 2

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



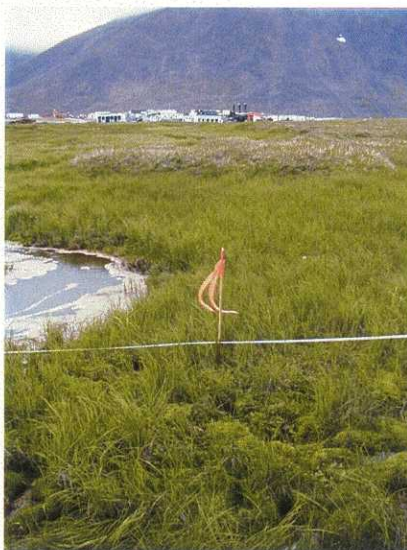
Cross Section 3 Looking East



Cross Section 3 Looking West



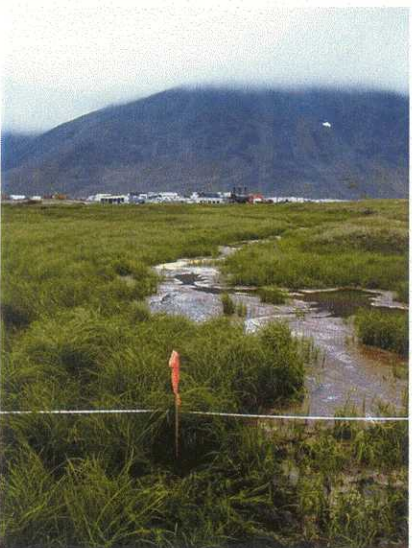
CS 3 Sample A



CS 3 Sample B



CS 3 Sample C



CS 3 Sample D



CS 3 Sample E



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 3

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 4 Looking East



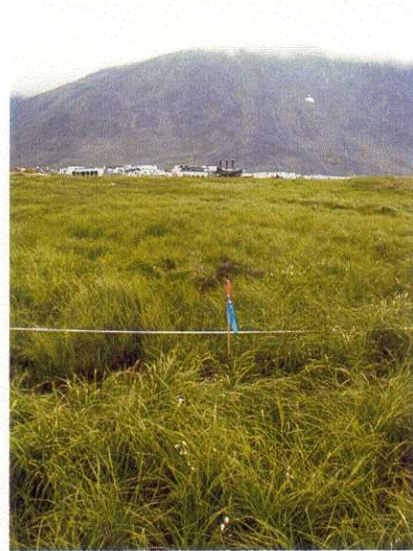
Cross Section 4 Looking West



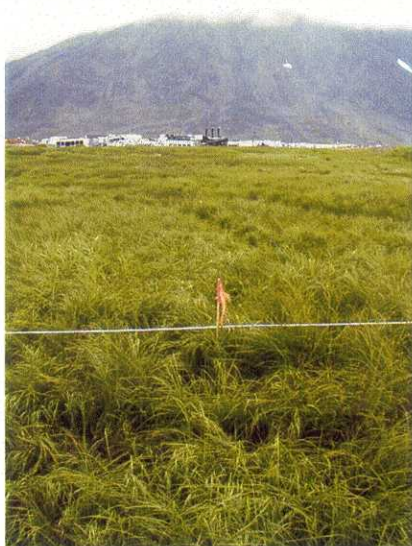
CS 4 Sample A



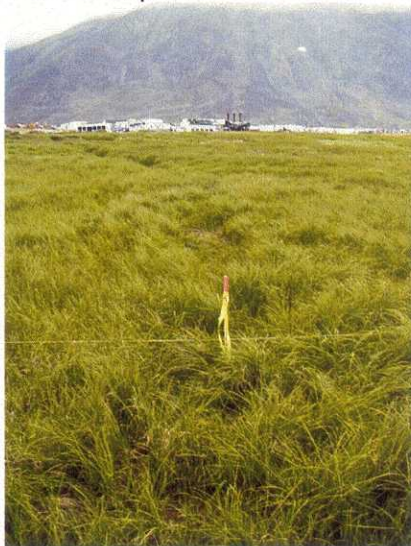
CS 4 Sample B



CS 4 Sample C



CS 4 Sample D



CS 4 Sample E



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 4

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

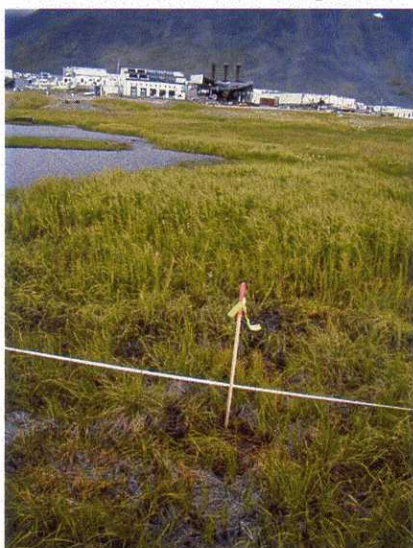
NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 5 Looking East



Cross Section 5 Looking West



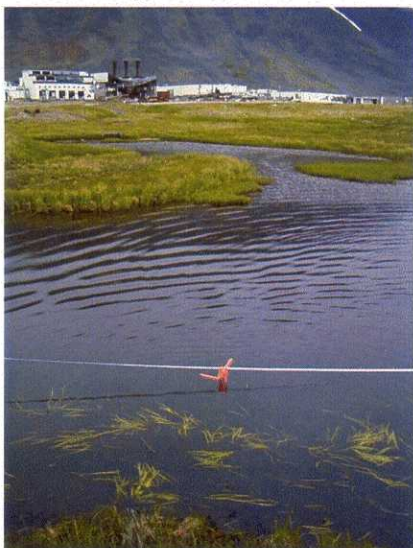
CS 5 Sample A



CS 5 Sample B



CS 5 Sample C



CS 5 Sample D



CS 5 Sample E



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 5

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 6 Looking East



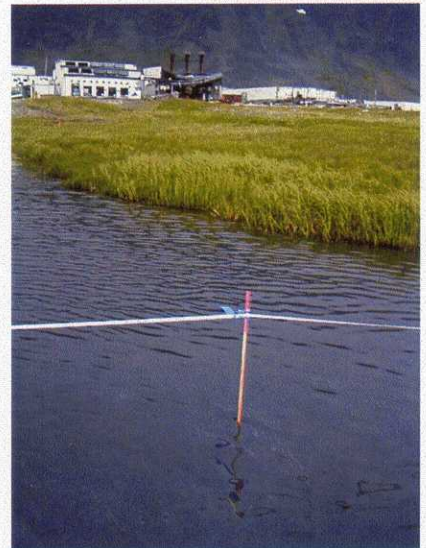
Cross Section 6 Looking West



CS 6 Sampling



CS 6 Sample B



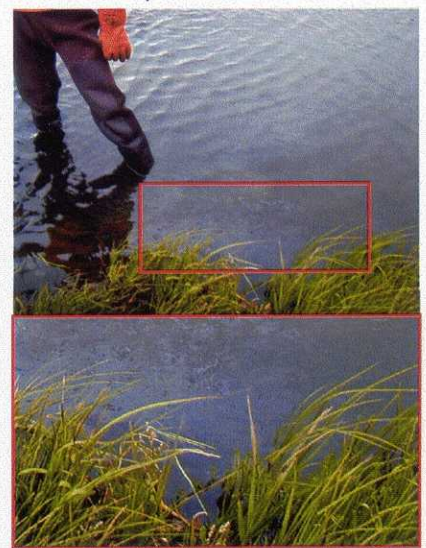
CS 6 Sample C



CS 6 Sample D



CS 6 Sample E



CS 6 Sheen



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 6

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 7 Looking East



Cross Section 7 Looking West



Cross Section 7 Looking South





Cross Section 8 Looking Southeast



Cross Section 8 Looking West



Cross Section 8 Looking North



Cross Section 8 Looking East



CS 8 Sampling

Site 28: Drainage Basin, Cross Section 8

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska



Cross Section 9 Looking South



Cross Section 9 Looking West



Cross Section 9 Looking East

JOB No. 1850574.260160



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

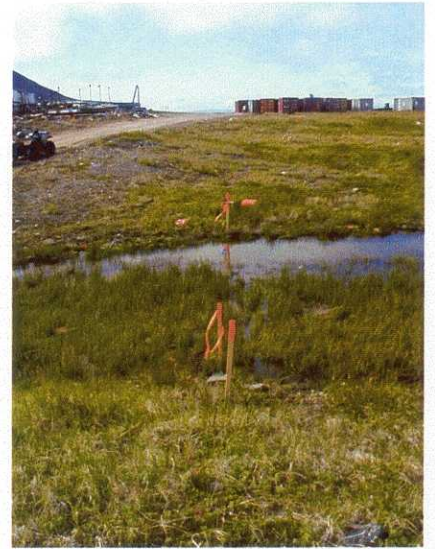
Site 28: Drainage Basin, Cross Section 9

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 10 Looking North



Cross Section 10 Looking West



Cross Section 10 Looking South



Cross Section 10 Looking East



Cross Section 10 Looking West



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 10

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 11 Looking South



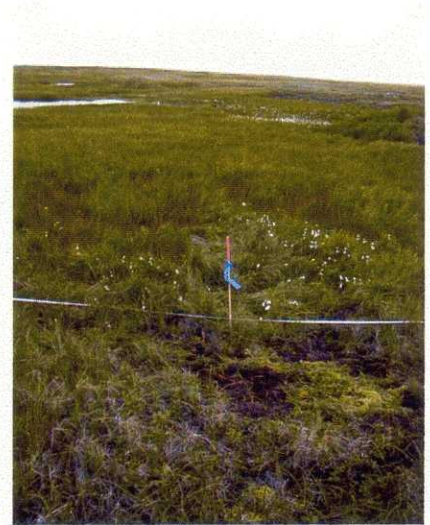
Cross Section 11 Looking North



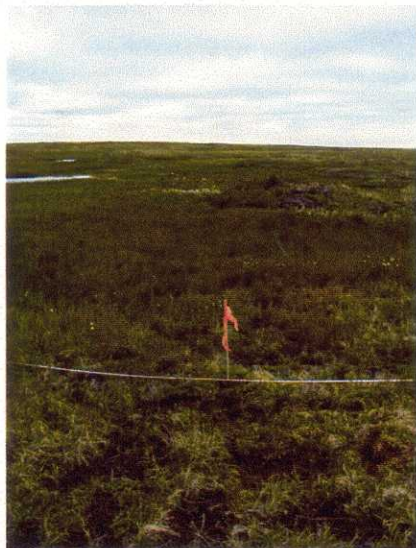
CS 11 Sample A



CS 11 Sample B



CS 11 Sample C



CS 11 Sample D



CS 11 Sample E

JOB No. 1850574.260160



MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 11

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 12 Looking South



Cross Section 12 Looking North



CS 12 Sample A



CS 12 Sample B



CS 12 Sample C



CS 12 Sample D



CS 12 Sample E



MONTGOMERY WATSON

Anchorage, Alaska

Site 28: Drainage Basin, Cross Section 12

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

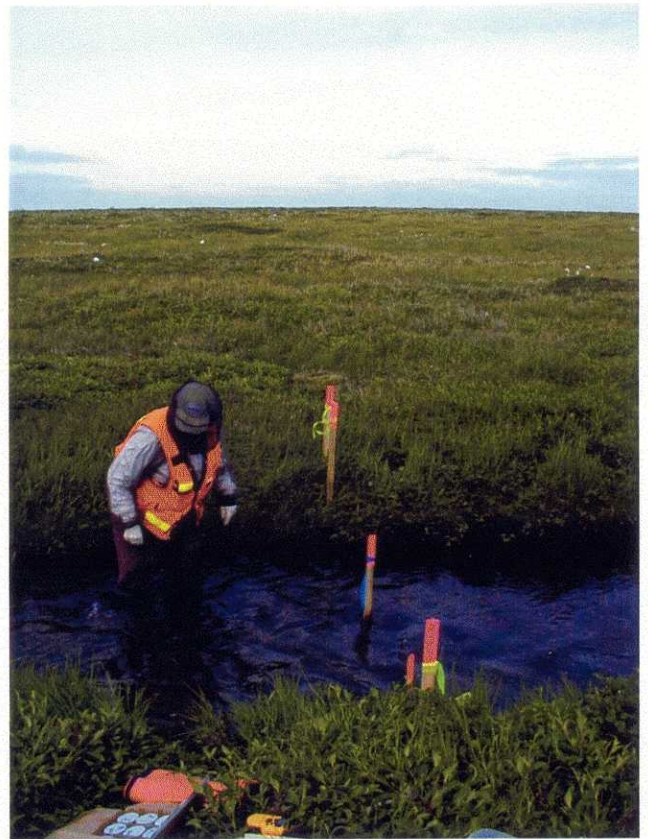
NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 1 Looking East/Southeast



Cross Section 1 Looking South



Cross Section 1 Looking North

JOB No. 1850574.260160



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 29: Suqitughneq River, Cross Section 1

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 2 Looking North



Cross Section 2 Looking South/Southeast



Cross Section 2 Looking South/Southeast





Cross Section 3 Looking North



Cross Section 3 Looking
North/Northwest



Cross Section 3 Looking South



Cross Section 3 Looking
South/Southeast



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 29: Suqitughneq River, Cross Section 3

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Cross Section 4 Looking Northeast Towards Estuary



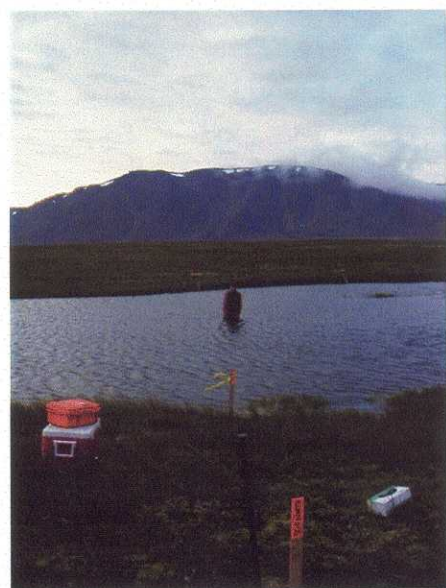
Cross Section 4 Looking Southwest



Cross Section 4 Looking Northwest



Cross Section 4 Looking South
(sampler holding survey lath at midpoint)



Cross Section 4 Looking South

JOB No. 1850574-260160



MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 29: Suqitughneq River, Cross Section 4

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Stream Flow 1 Looking West



Stream Flow 1 Looking North



Stream Flow 1 Looking South



Stream Flow 2 Looking South



Stream Flow 2 Looking East



Stream Flow 2 Looking South

JOB No. 1850574.260160



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 29: Suqitughneq River, Stream Flows 1 & 2

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

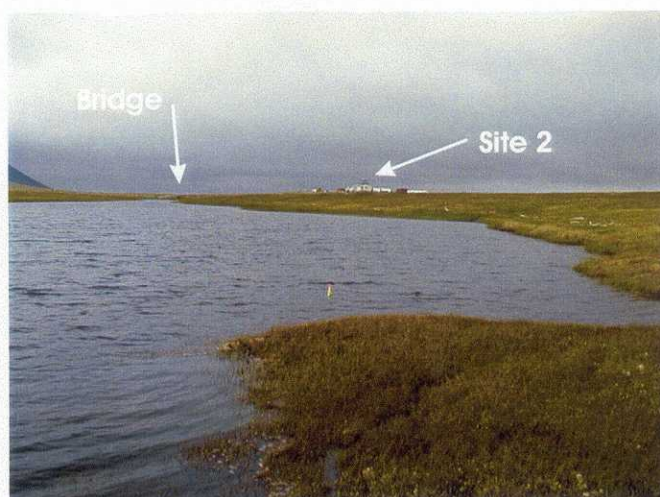
NORTHEAST CAPE 2001 RI PHOTOS



Sediment Sample 01NE29SD126



Sediment Sample 01NE29SD127



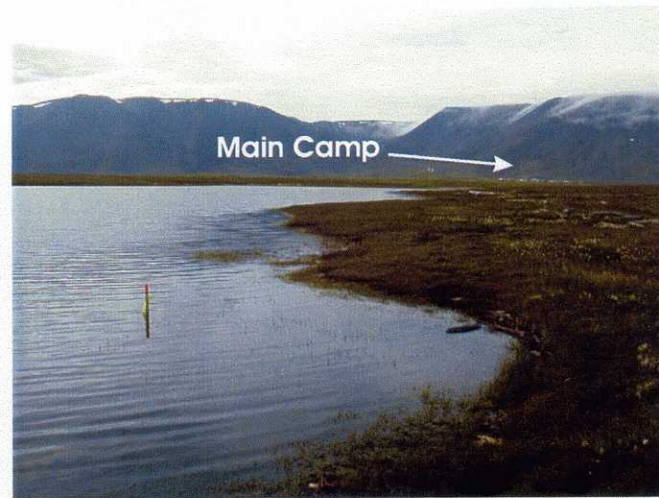
Sediment Sample 01NE29SD128



Sediment Sample 01NE29SD128



Sediment Sample 01NE29SD129



Sediment Sample 01NE29SD129

JOB No. 1850574.260160



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 29: Suqitughneq River, Sediment Samples

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



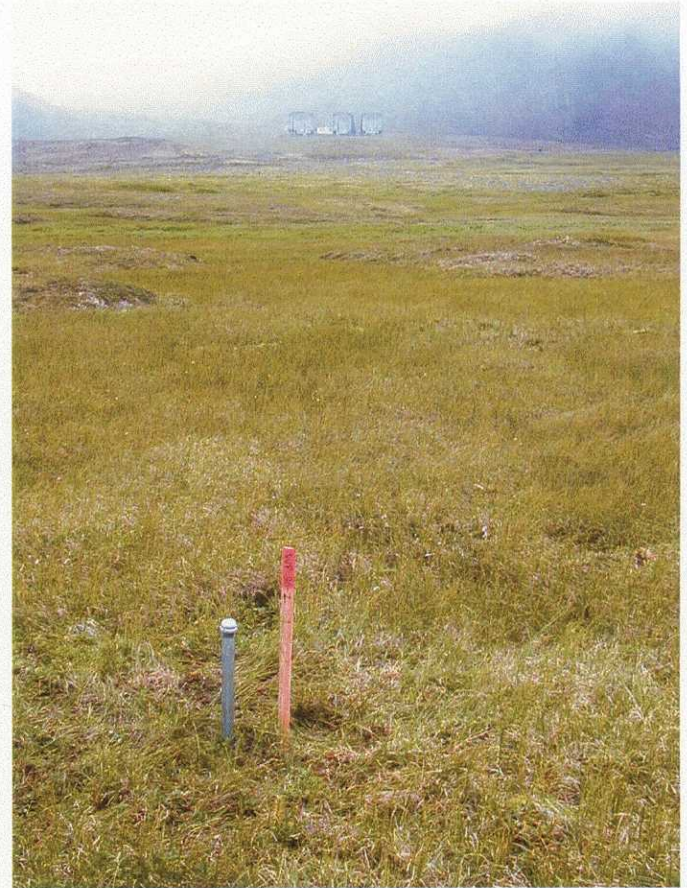
01NE30WP101 Looking West



01NE30WP101 Looking North



01NE30WP102 Looking North



01NE30WP102 Looking South





01NE30SS103 Looking South



01NE30SD101 Looking Southeast



01NE30SS102 Looking South



01NE30SS102 Looking North



01NE30SS101 Looking South



01NE30SS101 Looking North



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

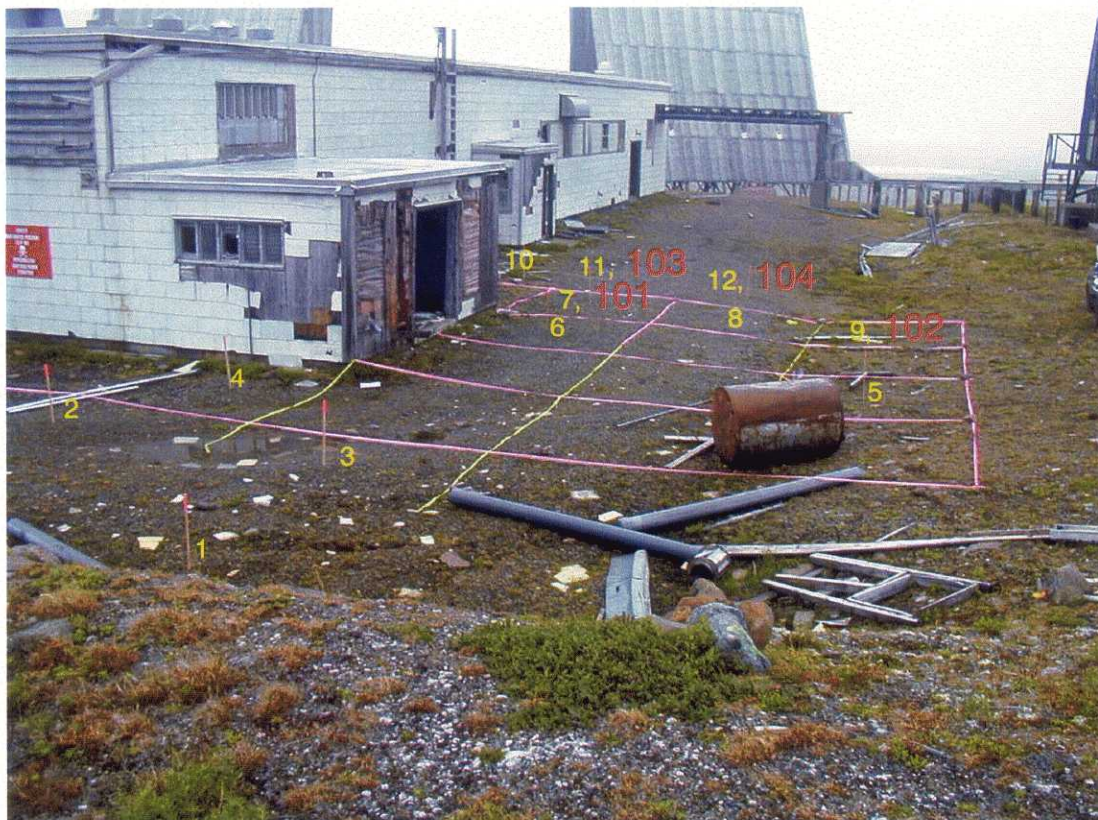
Site 30: Background Areas

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



PCB Screening Grid and Sample Locations 01NE31SS101, 102, 103, 104



PCB Screening Grid and Sample Locations 01NE31SS101, 102, 103, 104

JOB No. 1850574.260160



MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

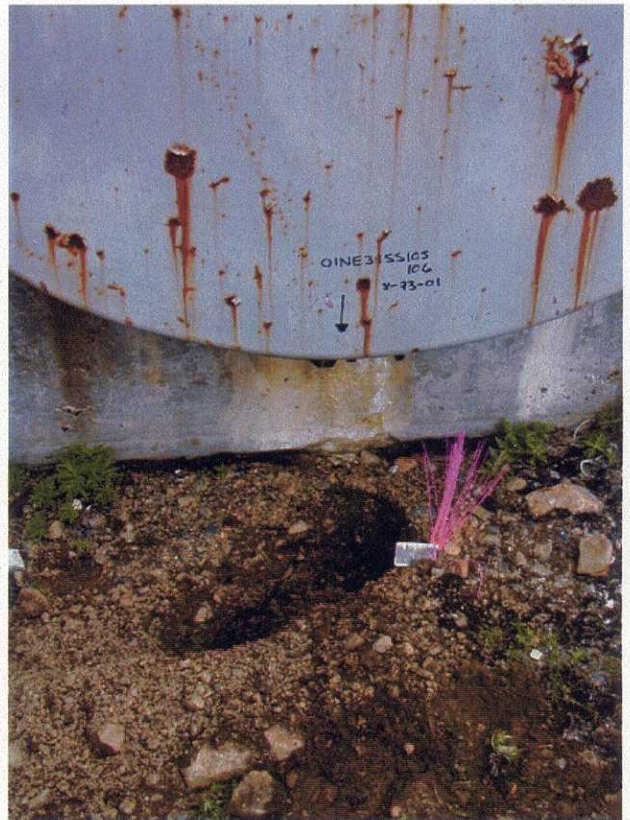
Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



01NE31SS105, 01NE31SS106



01NE31SS105, 01NE31SS106



01NE31SS107, 01NE31SS108



01NE31SS107, 01NE31SS108

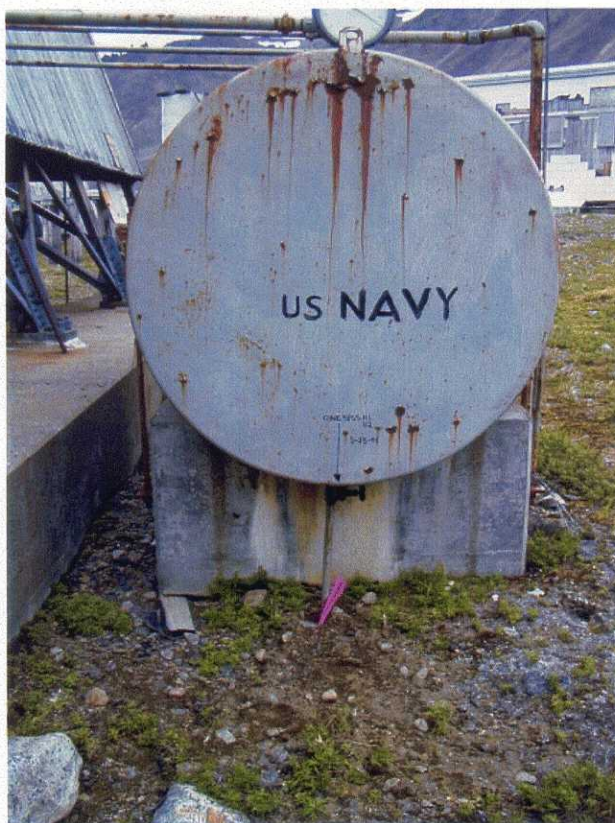




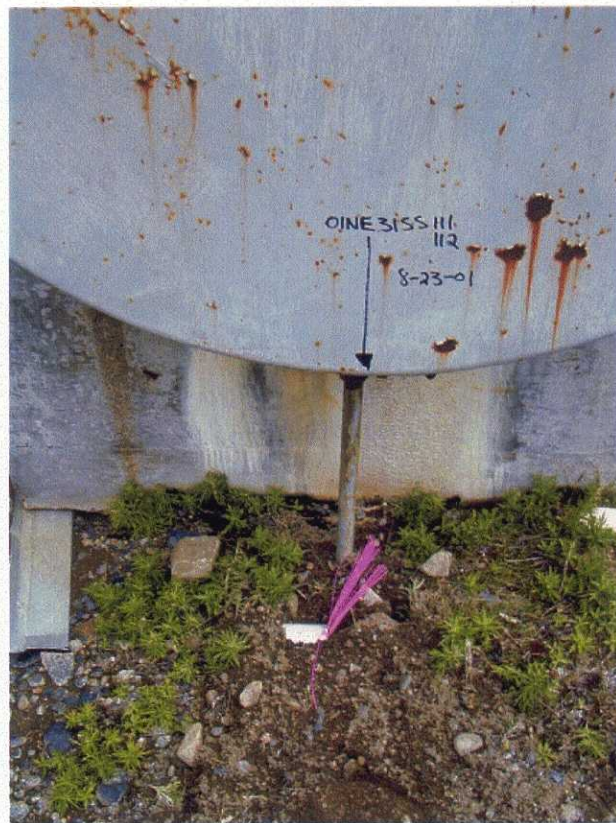
01NE31SS109, 01NE31SS110



01NE31SS109, 01NE31SS110



01NE31SS111, 01NE31SS112

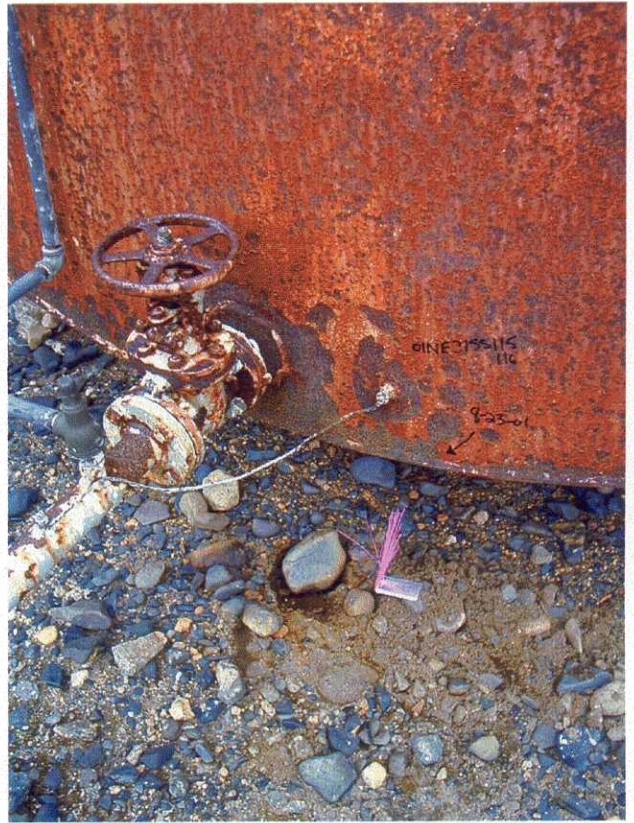


01NE31SS111, 01NE31SS112





01NE31SS113, 01NE31SS114

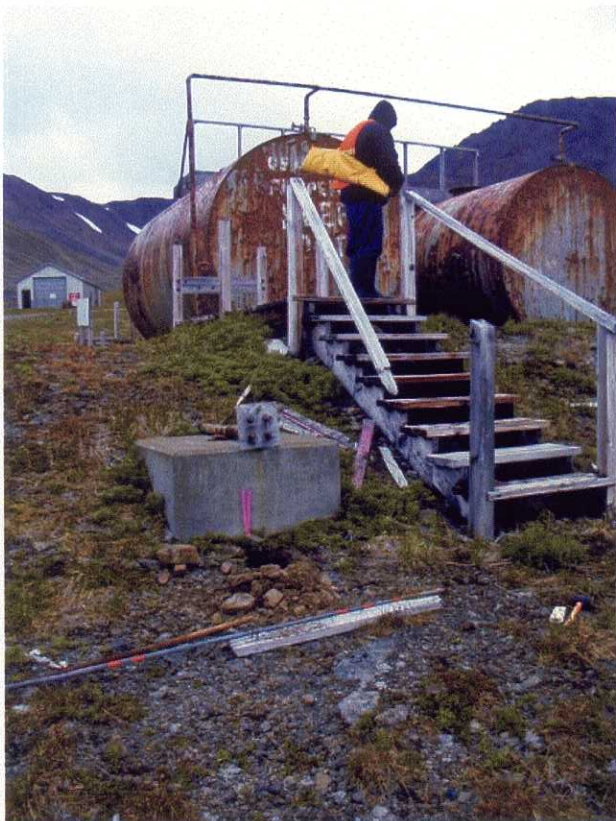


01NE31SS115, 01NE31SS116

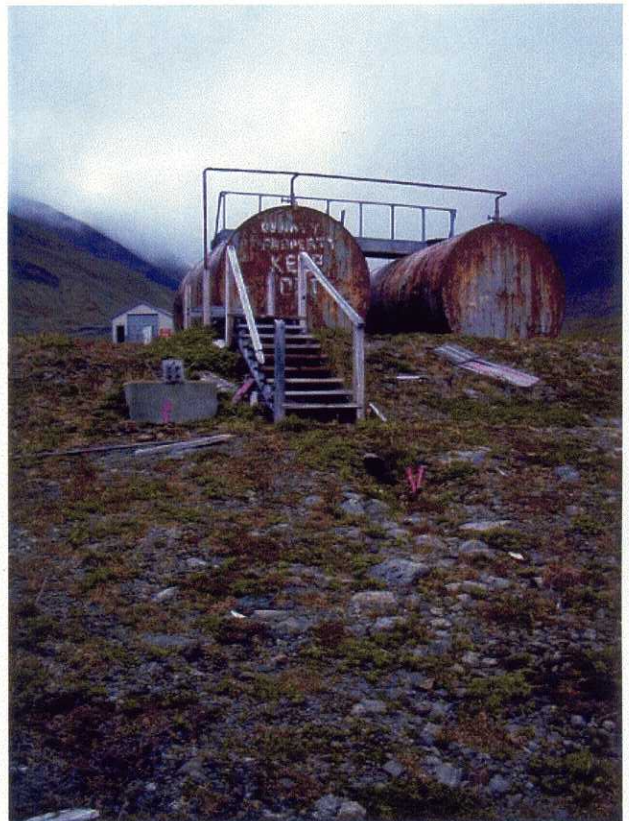


WACS Fuel Tanks Samples
01NE31SS113, 01NE31SS114
01NE31SS115, 01NE31SS116





01NE31SS117, 01NE31SS118



01NE31SS117, 01NE31SS118



01NE31SS119, 01NE31SS120



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

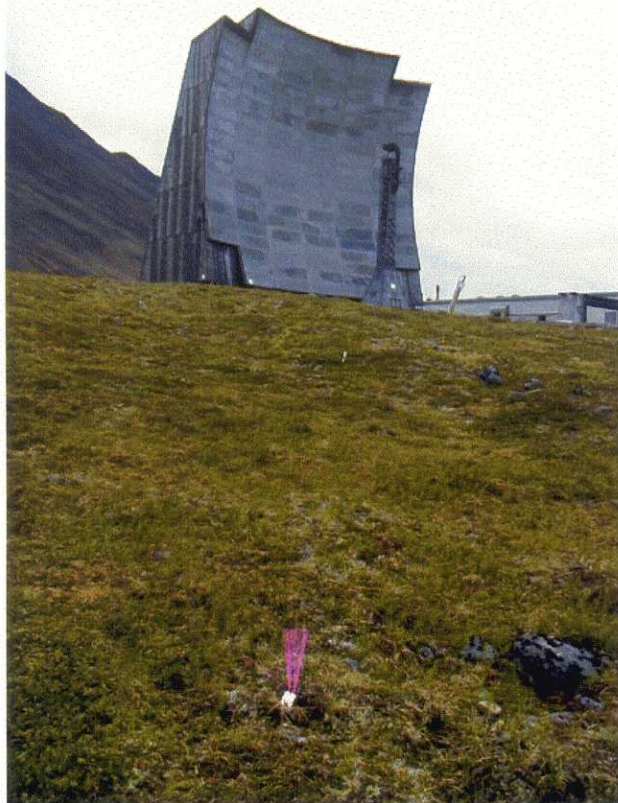
NORTHEAST CAPE 2001 RI PHOTOS



01NE31SS123
(discretionary sample for sites 31 & 32)



01NE32SS124
(discretionary sample for sites 31 & 32)



01NE31SS125 (background)



01NE31SS125 (background)



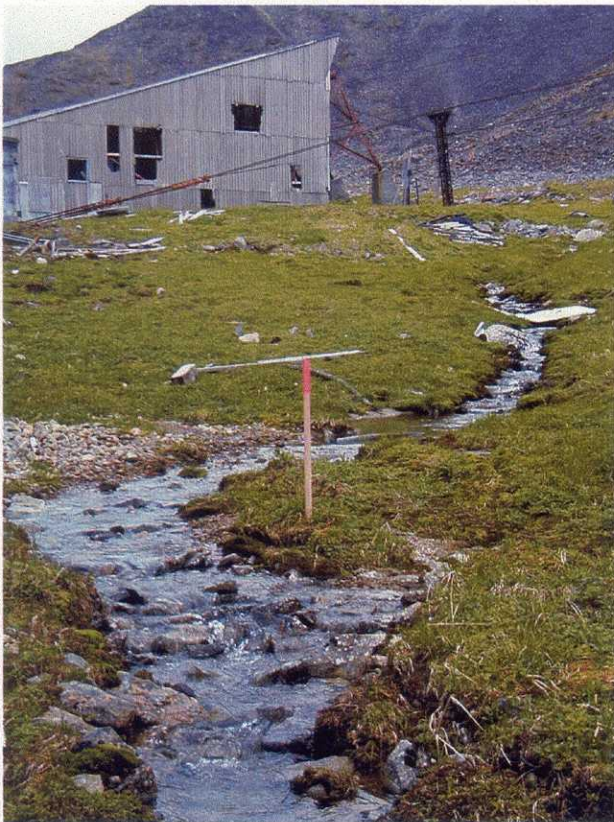
MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

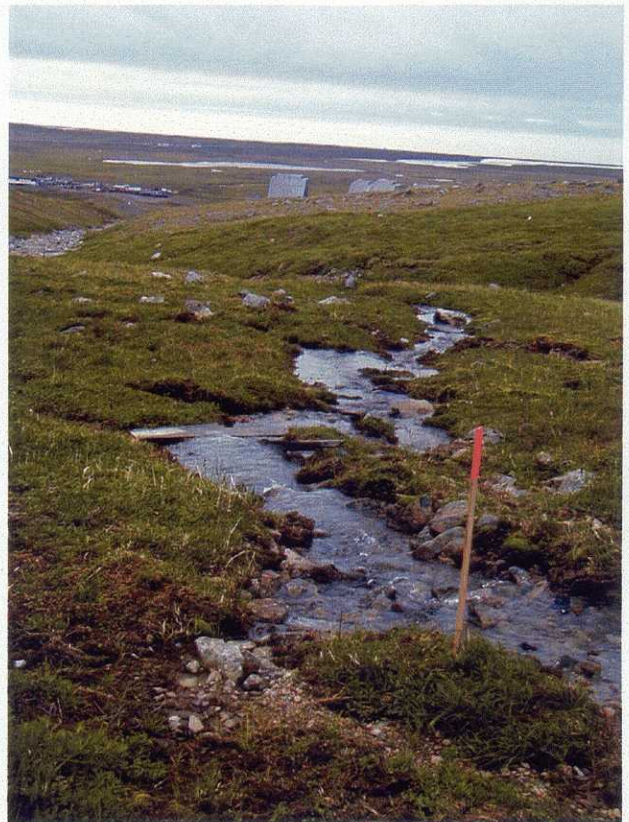
Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Surfacewater Sample 01NE32SW101
Looking Upstream (South)



Surfacewater Sample 01NE32SW101
Looking Downstream (North)



Surfacewater Sample 01NE32SW102
Looking Upstream (South)



Surfacewater Sample 01NE32SW102
Looking Downstream (North)



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

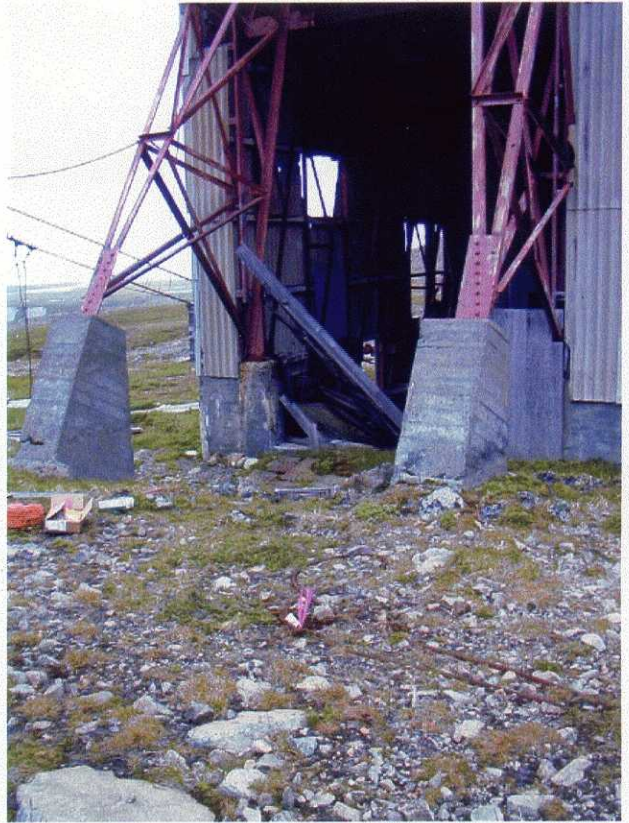
Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

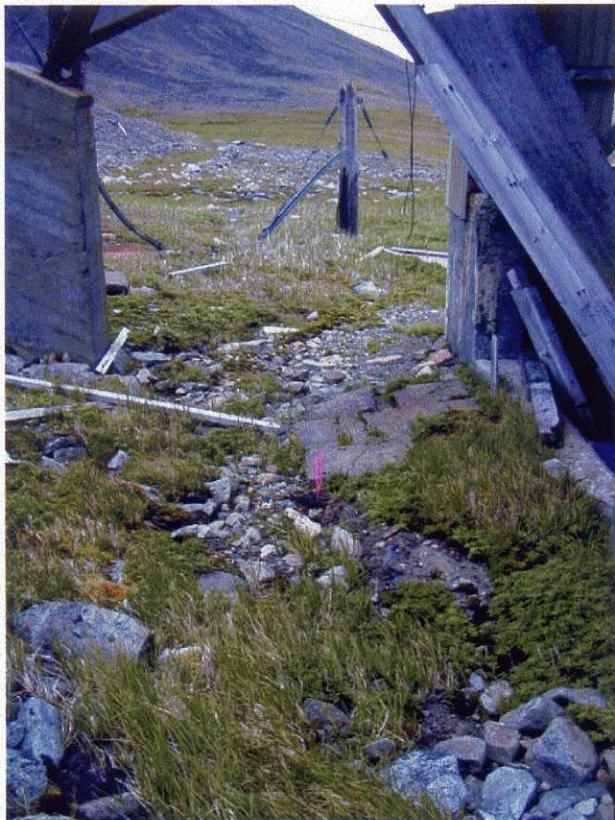
NORTHEAST CAPE 2001 RI PHOTOS



Surface Sample 01NE32SS101, 01NE32SS102



Surface Sample 01NE32SS103



Surface Sample 01NE32SS104



Surface Sample 01NE32SS105



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 31: White Alice Communications Site

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



Surface Sample 01NE32SS121, 221, 331
Looking Upgradient (South)



Surface Sample 01NE32SS121,221,321
Looking Down Gradient (North)



Surface Sample 01NE32SS122



Surface Sample 01NE32SS122





01NE35SS101, 102, 103 (Upper Tram Terminal)



01NE35SS101, 102, 103 (Upper Tram Terminal)



01NE35SS101



01NE35SS102



01NE35SS103



MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 33: Upper Tram Terminal

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



01NE34SS101



01NE34SS102



01NE34SS103



01NE34SS104



01NE34SS105, 01NE34SS106



01NE34SS105, 01NE34SS106

JOB No. 18L 4.260160



MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 34: Upper Camp

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



01NE34SS107, 108, 109, 110



01NE34SS111 (Site Background)

Site 34: Upper Camp

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2001 RI PHOTOS



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska



Stream Flow Measurement 1, Looking South



Sheen after disturbing river bottom



Detail of river, note low water level



Stream Flow Measurement 1, Looking West



Stream Flow Measurement 1, 2001 note high water

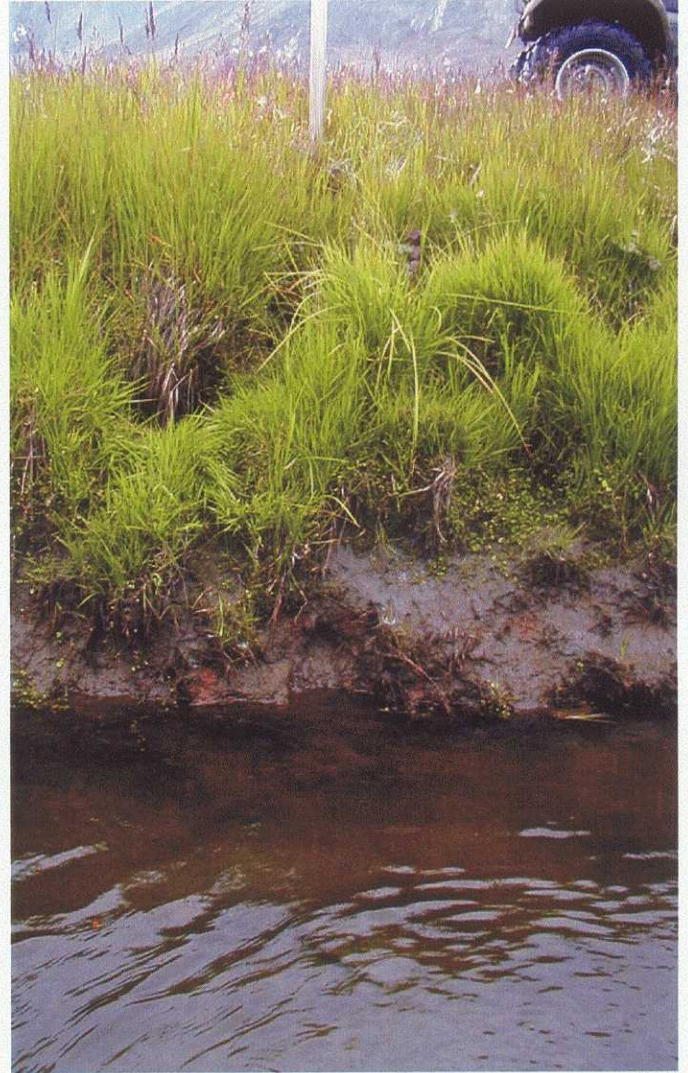




Stream Flow Measurement 2, Looking South



Sheen after disturbing river bottom



Detail of river, note low water level



Stream Flow Measurement 2, Looking South



Stream Flow Measurement 2, 2001 note high water





Detail of river, note low water level



Stream Flow Measurement 3, Looking South



Stream Flow Measurement 3, 2001 note high water



MWH
MONTGOMERY WATSON HARZA
Anchorage, Alaska

Stream Flow 3

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2002 RI PHOTOS



Soil Boring 22-2



Soil Boring 22-2



Soil Boring 22-2, 22-1 in background



Debris pile in vicinity of original location for SB 22-1



Soil Boring 22-1



Soil Boring 22-1 and debris pile





Monitoring Well 88-1



Monitoring Well 88-1, swing tie



Monitoring Well 88-3, prior to pad being set

JOB No. 1850574 260160



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 88 (Sites 13, 15, 19 & 27) Main Operations Complex

U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2002 RI PHOTOS



Monitoring Well 88-4



Monitoring Well 88-4



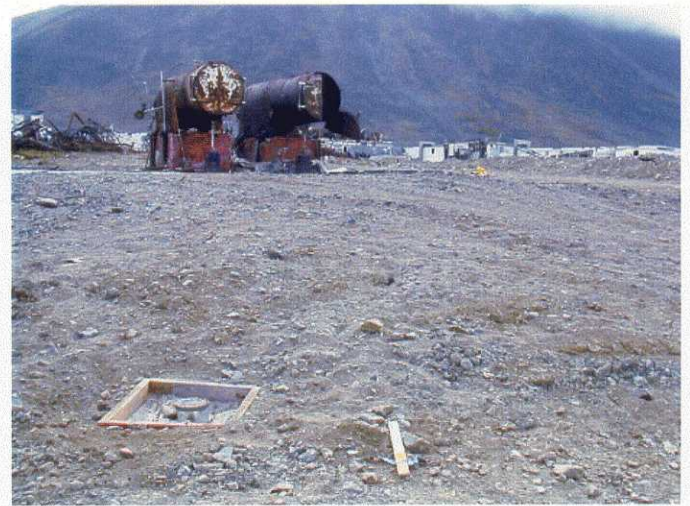
Monitoring Well 88-5



Monitoring Well 88-5

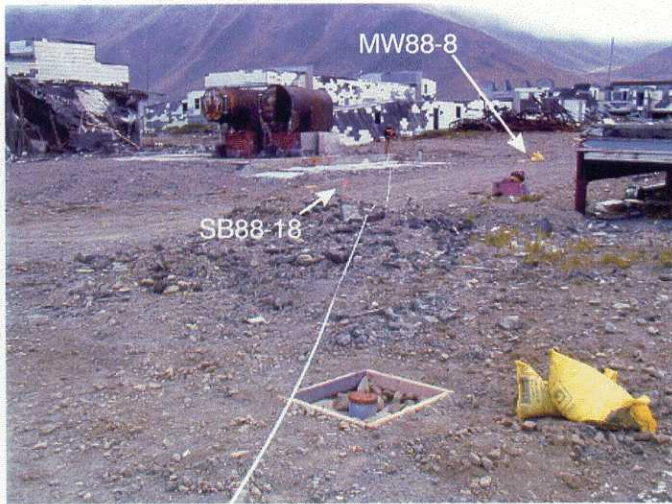


Monitoring Well 88-6

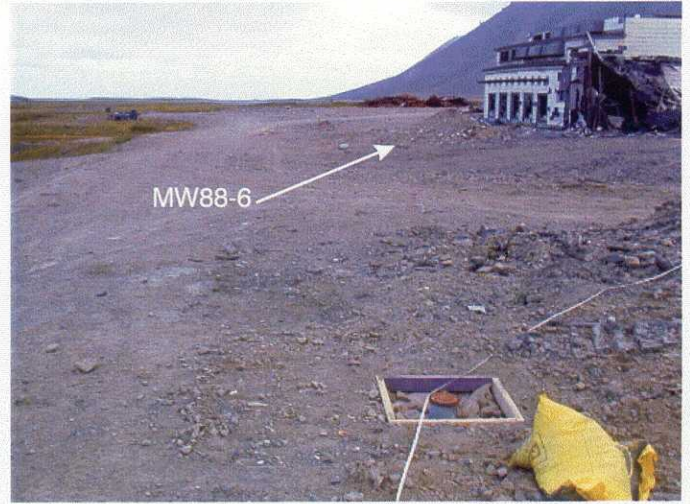


Monitoring Well 88-6





Monitoring Well 88-7



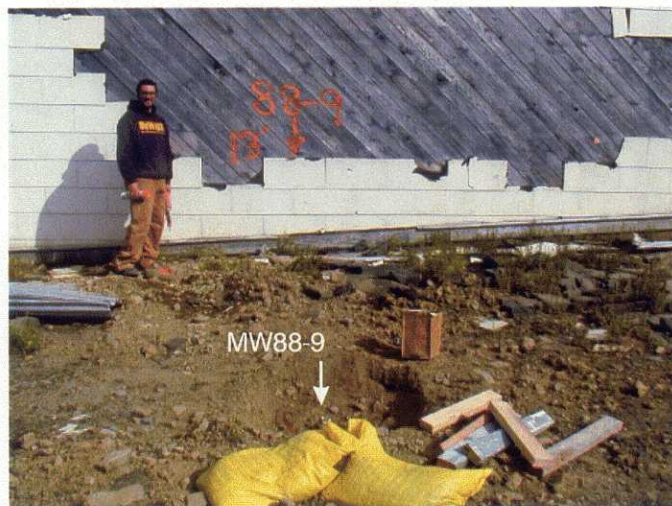
Monitoring Well 88-7



Monitoring Well 88-8



Monitoring Well 88-8, swing tie



Monitoring Well 88-9



Monitoring Well 88-9

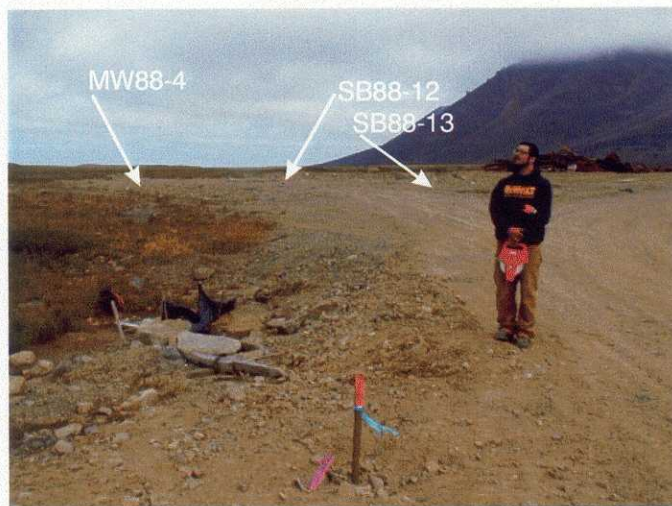




Monitoring Well 88-10



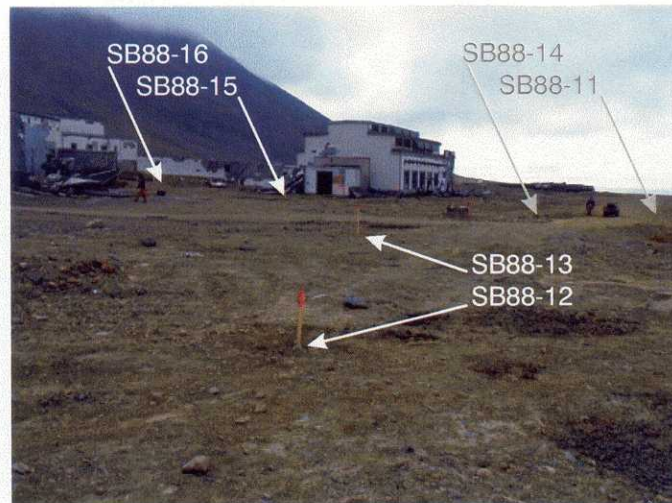
Monitoring Well 88-10



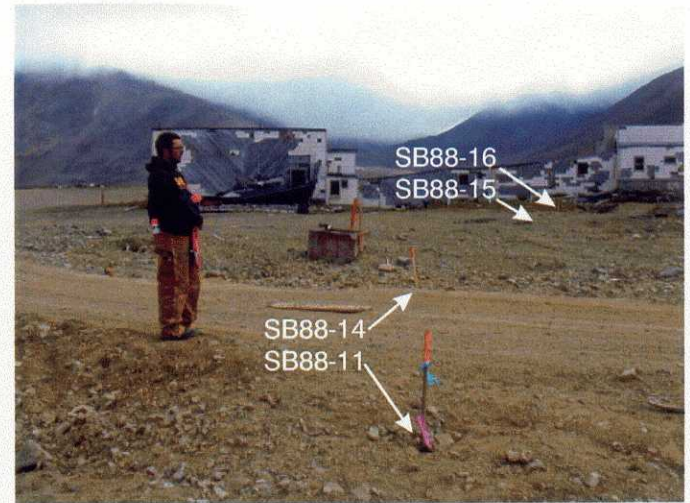
Soil Boring 88-11



Soil Boring 88-11



Soil Borings 88-12, 88-13



Soil Borings 88-11, 88-14, 88-15, 88-16

JOB No. 1850574.260160



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 88 (Sites 13, 15, 19 & 27) Main Operations Complex
U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2002 RI PHOTOS



Soil Boring 88-17



Soil Boring 88-18



MWH

MONTGOMERY WATSON HARZA
Anchorage, Alaska

Site 88 (Sites 13, 15, 19 & 27) Main Operations Complex
U.S. ARMY ENGINEER DISTRICT, ALASKA
NORTHEAST CAPE, ST. LAWRENCE ISLAND, ALASKA

NORTHEAST CAPE 2002 RI PHOTOS

**Summary of Analytical Results Site 3 and Site 4
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
Site 3								
01NE03WP102	Ground Water	AK102	DRO	3.3	mg/L	0.25	0.02	
		AK103	RRO	1.3	mg/L	0.50	0.50	VJ
01NE03WP103	Ground Water	AK102	DRO	2.4	mg/L	1.2	0.12	
		AK103	RRO	8.1	mg/L	2.5	2.5	VJ
01NE03WP104	Ground Water	AK102	DRO	1.8	mg/L	1.2	0.12	
		AK103	RRO	6.3	mg/L	2.5	2.5	VJ
Site 4								
01NE04WP102	Ground Water	AK102	DRO	1.4	mg/L	1.2	0.12	VB
		AK103	RRO	6.5	mg/L	2.5	2.5	VJ
01NE04WP103	Ground Water	AK102	DRO	2.0	mg/L	1.2	0.12	VB
		AK103	RRO	5.4	mg/L	2.5	2.5	VJ
01NE04WP104	Ground Water	AK102	DRO	0.96	mg/L	0.25	0.02	VB
		AK103	RRO	2.6	mg/L	0.50	0.50	VJ

Key:

DRO - diesel range organics

MDL - method detection limit

mg/L - milligram per liter

MRL - method reporting limit

RRO - residual range organics

VB - The analyte was detected in the associated blank and the sample indicating possible contamination.

VJ - The analyte was positively identified; the quantitation is an estimation.

Summary of Analytical Results Site 6
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE06SD116	Sediment	SW8260 SIM	Benzene	ND	mg/Kg	0.011	0.011	
			Ethylbenzene	0.012	mg/Kg	0.011	0.0055	VB
			m,p-Xylene (sum)	0.044	mg/Kg	0.022	0.022	VB
			o-Xylene	0.014	mg/Kg	0.011	0.0094	VB
			Toluene	0.078	mg/Kg	0.011	0.011	VB
		AK101	GRO	ND	mg/Kg	26.1	9.03	
		AK102	DRO	110	mg/Kg	10	1.8	
		AK103	RRO	880	mg/Kg	20	20	VJ
		E200.8	Arsenic	1.6	mg/Kg	0.7	0.1	
		SW6010B	Aluminum	7790	mg/Kg	7	4	
			Antimony	ND	mg/Kg	20	5	
			Barium	53	mg/Kg	1	0.1	
			Beryllium	0.6	mg/Kg	0.4	0.1	
			Cadmium	ND	mg/Kg	0.7	0.3	
			Calcium	1790	mg/Kg	20	0.1	
			Chromium	6	mg/Kg	2	0.5	
			Cobalt	2	mg/Kg	1	0.2	
			Copper	7.4	mg/Kg	0.7	0.7	
			Iron	12200	mg/Kg	7	2	
			Lead	8	mg/Kg	7	2	
			Magnesium	1530	mg/Kg	7	3	
			Manganese	72.7	mg/Kg	0.4	0.1	
			Nickel	5	mg/Kg	4	1	
			Potassium	1500	mg/Kg	180	100	
			Selenium	ND	mg/Kg	20	4	
			Silver	ND	mg/Kg	1	0.3	
			Sodium	450	mg/Kg	20	5	
			Thallium	ND	mg/Kg	20	2	
			Vanadium	16	mg/Kg	1	0.6	
			Zinc	20	mg/Kg	2	1	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.05	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.0358	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.27	0.043	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.0185	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0219	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0144	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.0434	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.13	0.0352	
01NE06SD117	Sediment	SW8260 SIM	Benzene	ND	mg/Kg	0.00067	0.00067	
			Ethylbenzene	0.00088	mg/Kg	0.00067	0.00033	VB
			m,p-Xylene (sum)	0.0033	mg/Kg	0.0013	0.0013	VB
			o-Xylene	0.001	mg/Kg	0.00067	0.00056	VB
			Toluene	0.0047	mg/Kg	0.00067	0.00063	VB
		AK101	GRO	ND	mg/Kg	9.09	3.15	
		AK102	DRO	40	mg/Kg	5	0.58	
		AK103	RRO	220	mg/Kg	10	10	VJ
		E200.8	Arsenic	4.1	mg/Kg	0.3	0.06	
		SW6010B	Aluminum	9850	mg/Kg	2	1	
			Antimony	ND	mg/Kg	6	2	
			Barium	53.8	mg/Kg	0.4	0.05	
			Beryllium	0.8	mg/Kg	0.1	0.04	
			Cadmium	ND	mg/Kg	0.2	0.1	
			Calcium	2360	mg/Kg	6	0.04	
			Chromium	13.9	mg/Kg	0.6	0.2	
			Cobalt	5.1	mg/Kg	0.4	0.07	
			Copper	8	mg/Kg	0.2	0.2	
			Iron	16400	mg/Kg	2	0.8	
			Lead	15	mg/Kg	2	0.8	

**Summary of Analytical Results Site 6
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE06SD117	Sediment	SW6010B	Magnesium	2900	mg/Kg	2	1	
			Manganese	164	mg/Kg	0.1	0.04	
			Nickel	9	mg/Kg	1	0.4	
			Potassium	820	mg/Kg	60	50	
			Selenium	ND	mg/Kg	6	1	
			Silver	ND	mg/Kg	0.4	0.09	
			Sodium	160	mg/Kg	6	2	
			Thallium	ND	mg/Kg	6	0.8	
			Vanadium	25.8	mg/Kg	0.4	0.2	
			Zinc	29.8	mg/Kg	0.7	0.4	
		SW7471A	Mercury	ND	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.043	0.0115	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.086	0.0137	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.043	0.00593	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.043	0.007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.043	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.043	0.0139	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.043	0.0113	
01NE06SW116	Surface water	AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
01NE06TP101	Subsurface soil test pit Depth-5.3 feet bgs	AK102	DRO	2000	mg/Kg	50	5	
		AK103	RRO	3400	mg/Kg	100	100	VJ
		DU	total Organic Carbon (TOC)	2	PERCENT	0.005	0.005	
		E160.3	Total Solids	89.2	PERCENT	0.01	0.01	
01NE06TP102	Subsurface soil test pit Depth-5.0 feet bgs	AK102	DRO	3000	mg/Kg	250	25	
		AK103	RRO	8500	mg/Kg	500	500	VJ
		DU	total Organic Carbon (TOC)	2.6	PERCENT	0.005	0.005	
		E160.3	Total Solids	88	PERCENT	0.01	0.01	
01NE06TP201	Subsurface soil test pit	AK102	DRO	860	mg/Kg	50	4.9	
		AK103	RRO	1300	mg/Kg	100	100	VJ
01NE06WP102	Ground Water	AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
01NE06WP103	Ground Water	SW8021	Benzene	ND	mg/L	0.001	0.0002	
			Ethylbenzene	ND	mg/L	0.001	0.00019	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00021	
			o-Xylene	ND	mg/L	0.001	0.00015	
			Toluene	ND	mg/L	0.001	0.0002	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	0.29	mg/L	0.25	0.02	VB
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	78.3	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.406	mg/L	0.003	0.0004	
			Beryllium	0.004	mg/L	0.001	0.0003	
			Cadmium	0.006	mg/L	0.002	0.00084	
			Calcium	15.8	mg/L	0.05	0.0003	
			Chromium	1.22	mg/L	0.005	0.0013	
			Cobalt	0.052	mg/L	0.003	0.0006	
			Copper	0.26	mg/L	0.002	0.002	
			Iron	98.8	mg/L	0.02	0.0063	
			Magnesium	15.6	mg/L	0.02	0.0084	
			Manganese	1.58	mg/L	0.001	0.0003	
			Nickel	1.68	mg/L	0.01	0.0034	
			Potassium	7.92	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	17.7	mg/L	0.05	0.015	
			Vanadium	0.153	mg/L	0.003	0.0017	
			Zinc	17.7	mg/L	0.006	0.0029	

**Summary of Analytical Results Site 6
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE06WP103	Ground Water	SW7060A	Arsenic	0.022	mg/L	0.002	0.0011	
		SW7421	Lead	0.16	mg/L	0.01	0.0086	
01NE06WP103	Ground Water	SW7470A	Mercury	0.0001	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.004	0.0017	
		SW7841	Thallium	0.002	mg/L	0.002	0.0016	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	

Key:

DRO - diesel range organics

MDL - method detection limit

mg/L - milligram per liter

MRL - method reporting limit

RRO - residual range organics

SIM - selected ion monitoring

VB - The analyte was detected in the associated blank and the sample indicating possible contamination.

VJ - The analyte was positively identified; the quantitation is an estimation.

VQQ - The practical quantitation limit is approximate due to QC or matrix effects.

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SD104	Sediment	AK102	DRO	1400	mg/Kg	59	11	
		AK103	RRO	2800	mg/Kg	120	120	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.014	0.014	
			Acenaphthene	ND	mg/Kg	0.014	0.0096	
			Acenaphthylene	ND	mg/Kg	0.014	0.0093	
			Anthracene	ND	mg/Kg	0.014	0.0093	
			Benzo(a)anthracene	ND	mg/Kg	0.014	0.0079	
			Benzo(a)pyrene	ND	mg/Kg	0.014	0.0068	
			Benzo(b)fluoranthene	0.014	mg/Kg	0.014	0.0091	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.014	0.0079	
			Benzo(k)fluoranthene	0.014	mg/Kg	0.014	0.007	
			Chrysene	0.035	mg/Kg	0.014	0.0066	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.014	0.0068	
			Dibenzofuran	ND	mg/Kg	0.014	0.014	
			Fluoranthene	ND	mg/Kg	0.014	0.0072	
			Fluorene	ND	mg/Kg	0.014	0.011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.014	0.0098	
			Naphthalene	ND	mg/Kg	0.014	0.013	
			Phenanthrene	ND	mg/Kg	0.014	0.0091	
			Pyrene	0.026	mg/Kg	0.014	0.0081	
		E200.8	Arsenic	3.3	mg/Kg	0.6	0.1	
		SW6010B	Aluminum	12000	mg/Kg	6	4	
			Antimony	ND	mg/Kg	20	5	
			Barium	77.4	mg/Kg	1	0.1	
			Beryllium	1.2	mg/Kg	0.3	0.1	
			Cadmium	1	mg/Kg	0.6	0.3	
			Calcium	3040	mg/Kg	20	0.1	
			Chromium	19	mg/Kg	2	0.4	
			Cobalt	3.2	mg/Kg	1	0.2	
			Copper	27.5	mg/Kg	0.6	0.6	
			Iron	18400	mg/Kg	6	2	
			Lead	41	mg/Kg	6	2	
			Magnesium	2140	mg/Kg	6	3	
			Manganese	79.5	mg/Kg	0.3	0.1	
			Nickel	13	mg/Kg	3	1	
			Potassium	1000	mg/Kg	160	100	
			Selenium	ND	mg/Kg	20	3	
			Silver	ND	mg/Kg	1	0.2	
			Sodium	180	mg/Kg	20	5	
			Thallium	ND	mg/Kg	20	2	
			Vanadium	25.4	mg/Kg	1	0.5	
			Zinc	203	mg/Kg	2	0.9	
		SW7471A	Mercury	0.1	mg/Kg	0.1	0.04	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.079	0.0211	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0253	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.079	0.0109	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.079	0.0129	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.079	0.00846	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.079	0.0255	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.079	0.0207	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.15	0.062	
			1,1,1-Trichloroethane	0.28	mg/Kg	0.15	0.042	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.15	0.1	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.15	0.036	
			1,1,2-Trichloroethane	ND	mg/Kg	0.15	0.043	
			1,1-Dichloroethane	ND	mg/Kg	0.15	0.056	
			1,1-Dichloroethene	ND	mg/Kg	0.15	0.048	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SD104	Sediment	SW8260	1,1-Dichloropropene	ND	mg/Kg	0.15	0.045	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.77	0.071	
			1,2,3-Trichloropropane	ND	mg/Kg	0.31	0.09	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.77	0.068	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.15	0.059	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.77	0.11	
			1,2-Dibromoethane	ND	mg/Kg	0.15	0.046	
			1,2-Dichlorobenzene	ND	mg/Kg	0.15	0.067	
			1,2-Dichloroethane	ND	mg/Kg	0.15	0.033	
			1,2-Dichloropropane	ND	mg/Kg	0.15	0.036	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.15	0.063	
			1,3-Dichlorobenzene	ND	mg/Kg	0.15	0.056	
			1,3-Dichloropropane	ND	mg/Kg	0.15	0.062	
			1,4-Dichlorobenzene	ND	mg/Kg	0.15	0.06	
			2,2-Dichloropropane	ND	mg/Kg	0.15	0.054	
			2-Butanone	ND	mg/Kg	0.77	0.72	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.77	0.068	
			2-Chlorotoluene	ND	mg/Kg	0.15	0.096	
			2-Hexanone	ND	mg/Kg	0.77	0.61	
			4-Chlorotoluene	ND	mg/Kg	0.15	0.059	
			4-Isopropyltoluene	ND	mg/Kg	0.15	0.06	
			4-Methyl-2-pentanone	ND	mg/Kg	0.77	0.48	
			Acetone	0.91	mg/Kg	0.77	0.72	
			Acrolein	ND	mg/Kg	7.7	0.98	
			Acrylamide	ND	mg/Kg	0.77	0.11	
			Benzene	ND	mg/Kg	0.15	0.039	
			Bromobenzene	ND	mg/Kg	0.15	0.062	
			Bromochloromethane	ND	mg/Kg	0.15	0.056	
			Bromodichloromethane	ND	mg/Kg	0.15	0.025	
			Bromoethane	ND	mg/Kg	0.31	0.065	
			Bromoform	ND	mg/Kg	0.15	0.048	
			Bromomethane	0.17	mg/Kg	0.15	0.1	VB
			Carbon disulfide	ND	mg/Kg	0.15	0.045	
			Carbon tetrachloride	ND	mg/Kg	0.15	0.036	
			Chlorobenzene	ND	mg/Kg	0.15	0.053	
			Chloroethane	ND	mg/Kg	0.15	0.053	
			Chloroform	ND	mg/Kg	0.15	0.043	
			Chloromethane	ND	mg/Kg	0.15	0.042	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.15	0.043	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.15	0.036	
			Dibromochloromethane	ND	mg/Kg	0.15	0.042	
			Dibromomethane	ND	mg/Kg	0.15	0.042	
			Ethylbenzene	ND	mg/Kg	0.15	0.057	
			Hexachlorobutadiene	ND	mg/Kg	0.77	0.21	
			Isopropylbenzene	ND	mg/Kg	0.15	0.065	
			m,p-Xylene (sum)	ND	mg/Kg	0.15	0.11	
			Methyl iodide	ND	mg/Kg	0.15	0.068	
			Methylene chloride	ND	mg/Kg	0.46	0.35	VQQ
			Naphthalene	ND	mg/Kg	0.77	0.11	
			n-Butylbenzene	ND	mg/Kg	0.31	0.067	
			n-Propylbenzene	ND	mg/Kg	0.15	0.059	
			o-Xylene	ND	mg/Kg	0.15	0.05	
			sec-Butylbenzene	ND	mg/Kg	0.15	0.076	
			Styrene	ND	mg/Kg	0.15	0.043	
			tert-Butylbenzene	ND	mg/Kg	0.15	0.068	
			Tetrachloroethene	ND	mg/Kg	0.15	0.079	
			Toluene	ND	mg/Kg	0.15	0.048	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SD104	Sediment	SW8260	trans-1,2-Dichloroethene	ND	mg/Kg	0.15	0.048	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.15	0.034	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.77	0.059	
			Trichloroethene	ND	mg/Kg	0.15	0.057	
			Trichlorofluoromethane	ND	mg/Kg	0.15	0.06	
			Vinyl acetate	ND	mg/Kg	0.77	0.11	
			Vinyl chloride	ND	mg/Kg	0.15	0.054	
01NE07SD105	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.05	0.05	
			Acenaphthene	ND	mg/Kg	0.05	0.033	
			Acenaphthylene	ND	mg/Kg	0.05	0.033	
			Anthracene	ND	mg/Kg	0.05	0.033	
			Benzo(a)anthracene	ND	mg/Kg	0.05	0.027	
			Benzo(a)pyrene	ND	mg/Kg	0.05	0.024	
			Benzo(b)fluoranthene	ND	mg/Kg	0.05	0.032	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.05	0.027	
			Benzo(k)fluoranthene	ND	mg/Kg	0.05	0.025	
			Chrysene	ND	mg/Kg	0.05	0.023	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.05	0.024	
			Dibenzofuran	ND	mg/Kg	0.05	0.05	
			Fluoranthene	ND	mg/Kg	0.05	0.025	
			Fluorene	ND	mg/Kg	0.05	0.037	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.05	0.034	
			Naphthalene	ND	mg/Kg	0.05	0.047	
			Phenanthrene	ND	mg/Kg	0.05	0.032	
			Pyrene	ND	mg/Kg	0.05	0.028	
		AK102	DRO	280	mg/Kg	21	3.8	
		AK103	RRO	1700	mg/Kg	42	42	VJ
		E200.8	Arsenic	4.1	mg/Kg	0.6	0.1	
		SW6010B	Aluminum	3640	mg/Kg	6	4	
			Antimony	ND	mg/Kg	20	5	
			Barium	28	mg/Kg	1	0.1	
			Beryllium	0.4	mg/Kg	0.3	0.1	
			Cadmium	1.1	mg/Kg	0.6	0.3	
			Calcium	1780	mg/Kg	20	0.1	
			Chromium	5	mg/Kg	2	0.4	
			Cobalt	2	mg/Kg	1	0.2	
			Copper	13.6	mg/Kg	0.6	0.6	
			Iron	8380	mg/Kg	6	2	
			Lead	20	mg/Kg	6	2	
			Magnesium	740	mg/Kg	6	3	
			Manganese	55.3	mg/Kg	0.3	0.1	
			Nickel	5	mg/Kg	3	1	
			Potassium	370	mg/Kg	160	100	
			Selenium	ND	mg/Kg	20	3	
			Silver	ND	mg/Kg	1	0.2	
			Sodium	120	mg/Kg	20	5	
			Thallium	ND	mg/Kg	20	2	
			Vanadium	9.8	mg/Kg	1	0.5	
			Zinc	62	mg/Kg	2	0.9	
		SW7471A	Mercury	ND	mg/Kg	0.1	0.04	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.28	0.0747	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.56	0.0895	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.28	0.0386	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.28	0.0456	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.28	0.0299	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.28	0.0903	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.28	0.0733	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SD105	Sediment	SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.2	0.08	
			1,1,1-Trichloroethane	0.2	mg/Kg	0.2	0.054	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.2	0.13	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/Kg	0.2	0.046	
			1,1,2-Trichloroethane	ND	mg/Kg	0.2	0.056	
			1,1-Dichloroethane	ND	mg/Kg	0.2	0.072	
			1,1-Dichloroethene	ND	mg/Kg	0.2	0.062	
			1,1-Dichloropropene	ND	mg/Kg	0.2	0.058	
			1,2,3-Trichlorobenzene	ND	mg/Kg	1	0.092	
			1,2,3-Trichloropropane	ND	mg/Kg	0.4	0.12	
			1,2,4-Trichlorobenzene	ND	mg/Kg	1	0.088	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.2	0.076	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	1	0.14	
			1,2-Dibromoethane	ND	mg/Kg	0.2	0.06	
			1,2-Dichlorobenzene	ND	mg/Kg	0.2	0.086	
			1,2-Dichloroethane	ND	mg/Kg	0.2	0.042	
			1,2-Dichloropropane	ND	mg/Kg	0.2	0.046	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.2	0.082	
			1,3-Dichlorobenzene	ND	mg/Kg	0.2	0.072	
			1,3-Dichloropropane	ND	mg/Kg	0.2	0.08	
			1,4-Dichlorobenzene	ND	mg/Kg	0.2	0.078	
			2,2-Dichloropropane	ND	mg/Kg	0.2	0.07	
			2-Butanone	ND	mg/Kg	1	0.92	
			2-Chloroethyl vinyl ether	ND	mg/Kg	1	0.088	
			2-Chlorotoluene	ND	mg/Kg	0.2	0.12	
			2-Hexanone	ND	mg/Kg	1	0.78	
			4-Chlorotoluene	ND	mg/Kg	0.2	0.076	
			4-Isopropyltoluene	ND	mg/Kg	0.2	0.078	
			4-Methyl-2-pentanone	ND	mg/Kg	1	0.61	
			Acetone	1.4	mg/Kg	1	0.92	
			Acrolein	ND	mg/Kg	10	1.3	
			Acrylamide	ND	mg/Kg	1	0.15	
			Benzene	ND	mg/Kg	0.2	0.05	
			Bromobenzene	ND	mg/Kg	0.2	0.08	
			Bromochloromethane	ND	mg/Kg	0.2	0.072	
			Bromodichloromethane	ND	mg/Kg	0.2	0.032	
			Bromoethane	ND	mg/Kg	0.4	0.084	
			Bromoform	ND	mg/Kg	0.2	0.062	
			Bromomethane	0.4	mg/Kg	0.2	0.13	VB
			Carbon disulfide	ND	mg/Kg	0.2	0.058	
			Carbon tetrachloride	ND	mg/Kg	0.2	0.046	
			Chlorobenzene	ND	mg/Kg	0.2	0.068	
			Chloroethane	ND	mg/Kg	0.2	0.068	
			Chloroform	ND	mg/Kg	0.2	0.056	
			Chloromethane	ND	mg/Kg	0.2	0.054	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.2	0.056	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.2	0.046	
			Dibromochloromethane	ND	mg/Kg	0.2	0.054	
			Dibromomethane	ND	mg/Kg	0.2	0.054	
			Ethylbenzene	ND	mg/Kg	0.2	0.074	
			Hexachlorobutadiene	ND	mg/Kg	1	0.26	
			Isopropylbenzene	ND	mg/Kg	0.2	0.084	
			m,p-Xylene (sum)	ND	mg/Kg	0.2	0.15	
			Methyl iodide	ND	mg/Kg	0.2	0.088	
			Methylene chloride	ND	mg/Kg	0.6	0.45	VQQ
			Naphthalene	ND	mg/Kg	1	0.14	
			n-Butylbenzene	ND	mg/Kg	0.4	0.086	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SD105	Sediment	SW8260	n-Propylbenzene	ND	mg/Kg	0.2	0.076	
			o-Xylene	ND	mg/Kg	0.2	0.064	
			sec-Butylbenzene	ND	mg/Kg	0.2	0.098	
			Styrene	ND	mg/Kg	0.2	0.056	
			tert-Butylbenzene	ND	mg/Kg	0.2	0.088	
			Tetrachloroethene	ND	mg/Kg	0.2	0.1	
			Toluene	ND	mg/Kg	0.2	0.062	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.2	0.062	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.2	0.044	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	1	0.076	
			Trichloroethene	ND	mg/Kg	0.2	0.074	
			Trichlorofluoromethane	ND	mg/Kg	0.2	0.078	
			Vinyl acetate	ND	mg/Kg	1	0.14	
			Vinyl chloride	ND	mg/Kg	0.2	0.07	
01NE07SS125	Surface soil	AK102	DRO	150	mg/Kg	25	2.7	
		AK103	RRO	620	mg/Kg	50	50	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.007	0.0069	
			Acenaphthene	ND	mg/Kg	0.007	0.0047	
			Acenaphthylene	ND	mg/Kg	0.007	0.0046	
			Anthracene	ND	mg/Kg	0.007	0.0046	
			Benzo(a)anthracene	ND	mg/Kg	0.007	0.0038	
			Benzo(a)pyrene	ND	mg/Kg	0.007	0.0033	
			Benzo(b)fluoranthene	ND	mg/Kg	0.007	0.0045	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.007	0.0038	
			Benzo(k)fluoranthene	ND	mg/Kg	0.007	0.0034	
			Chrysene	ND	mg/Kg	0.007	0.0032	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.007	0.0033	
			Dibenzofuran	ND	mg/Kg	0.007	0.0069	
			Fluoranthene	ND	mg/Kg	0.007	0.0035	
			Fluorene	ND	mg/Kg	0.007	0.0052	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.007	0.0048	
			Naphthalene	ND	mg/Kg	0.007	0.0065	
			Phenanthrene	ND	mg/Kg	0.007	0.0045	
			Pyrene	ND	mg/Kg	0.007	0.0039	
		SW6010B	Aluminum	10800	mg/Kg	10	6	
			Antimony	ND	mg/Kg	30	8	
			Arsenic	50	mg/Kg	30	7	
			Barium	63	mg/Kg	2	0.2	
			Beryllium	0.8	mg/Kg	0.6	0.2	
			Cadmium	2	mg/Kg	1	0.5	
			Calcium	2050	mg/Kg	30	0.2	
			Chromium	64	mg/Kg	3	0.7	
			Cobalt	17	mg/Kg	2	0.3	
			Copper	91	mg/Kg	1	1	
			Iron	152000	mg/Kg	10	4	
			Lead	350	mg/Kg	10	4	
			Magnesium	2630	mg/Kg	10	5	
			Manganese	694	mg/Kg	0.6	0.2	
			Nickel	37	mg/Kg	6	2	
			Potassium	900	mg/Kg	280	200	
			Selenium	ND	mg/Kg	30	5	
			Silver	2	mg/Kg	2	0.4	
			Sodium	180	mg/Kg	30	8	
			Thallium	ND	mg/Kg	30	3	
			Vanadium	30	mg/Kg	2	0.9	
			Zinc	175	mg/Kg	3	2	
		SW7471A	Mercury	0.56	mg/Kg	0.04	0.01	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SS125	Surface soil	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.039	0.0105	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.079	0.0126	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.039	0.00544	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.039	0.00643	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.039	0.00422	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.039	0.0127	
			PCB-1260 (Aroclor 1260)	1.1	mg/Kg	0.039	0.0103	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.062	0.025	
			1,1,1-Trichloroethane	ND	mg/Kg	0.062	0.017	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.062	0.041	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/Kg	0.062	0.014	
			1,1,2-Trichloroethane	ND	mg/Kg	0.062	0.017	
			1,1-Dichloroethane	ND	mg/Kg	0.062	0.022	
			1,1-Dichloroethene	ND	mg/Kg	0.062	0.019	
			1,1-Dichloropropene	ND	mg/Kg	0.062	0.018	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.31	0.028	
			1,2,3-Trichloropropane	ND	mg/Kg	0.12	0.036	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.31	0.027	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.062	0.023	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.31	0.044	
			1,2-Dibromoethane	ND	mg/Kg	0.062	0.019	
			1,2-Dichlorobenzene	ND	mg/Kg	0.062	0.027	
			1,2-Dichloroethane	ND	mg/Kg	0.062	0.013	
			1,2-Dichloropropane	ND	mg/Kg	0.062	0.014	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.062	0.025	
			1,3-Dichlorobenzene	ND	mg/Kg	0.062	0.022	
			1,3-Dichloropropane	ND	mg/Kg	0.062	0.025	
			1,4-Dichlorobenzene	ND	mg/Kg	0.062	0.024	
			2,2-Dichloropropane	ND	mg/Kg	0.062	0.022	
			2-Butanone	ND	mg/Kg	0.31	0.29	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.31	0.027	
			2-Chlorotoluene	ND	mg/Kg	0.062	0.038	
			2-Hexanone	ND	mg/Kg	0.31	0.24	
			4-Chlorotoluene	ND	mg/Kg	0.062	0.023	
			4-Isopropyltoluene	ND	mg/Kg	0.062	0.024	
			4-Methyl-2-pentanone	ND	mg/Kg	0.31	0.19	
			Acetone	ND	mg/Kg	0.31	0.29	
			Acrolein	ND	mg/Kg	3.1	0.39	
			Acrylamide	ND	mg/Kg	0.31	0.045	
			Benzene	ND	mg/Kg	0.062	0.015	
			Bromobenzene	ND	mg/Kg	0.062	0.025	
			Bromochloromethane	ND	mg/Kg	0.062	0.022	
			Bromodichloromethane	ND	mg/Kg	0.062	0.0099	
			Bromoethane	ND	mg/Kg	0.12	0.026	
			Bromoform	ND	mg/Kg	0.062	0.019	
			Bromomethane	0.098	mg/Kg	0.062	0.04	VB
			Carbon disulfide	ND	mg/Kg	0.062	0.018	
			Carbon tetrachloride	ND	mg/Kg	0.062	0.014	
			Chlorobenzene	ND	mg/Kg	0.062	0.021	
			Chloroethane	ND	mg/Kg	0.062	0.021	
			Chloroform	ND	mg/Kg	0.062	0.017	
			Chloromethane	ND	mg/Kg	0.062	0.017	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.062	0.017	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.062	0.014	
			Dibromochloromethane	ND	mg/Kg	0.062	0.017	
			Dibromomethane	ND	mg/Kg	0.062	0.017	
			Ethylbenzene	ND	mg/Kg	0.062	0.023	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SS125	Surface soil	SW8260	Hexachlorobutadiene	ND	mg/Kg	0.31	0.082	
			Isopropylbenzene	ND	mg/Kg	0.062	0.026	
			m,p-Xylene (sum)	ND	mg/Kg	0.062	0.046	
			Methyl iodide	ND	mg/Kg	0.062	0.027	
			Methylene chloride	ND	mg/Kg	0.19	0.14	VQQ
			Naphthalene	ND	mg/Kg	0.31	0.044	
			n-Butylbenzene	ND	mg/Kg	0.12	0.027	
			n-Propylbenzene	ND	mg/Kg	0.062	0.023	
			o-Xylene	ND	mg/Kg	0.062	0.02	
			sec-Butylbenzene	ND	mg/Kg	0.062	0.03	
			Styrene	ND	mg/Kg	0.062	0.017	
			tert-Butylbenzene	ND	mg/Kg	0.062	0.027	
			Tetrachloroethene	ND	mg/Kg	0.062	0.031	
			Toluene	ND	mg/Kg	0.062	0.019	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.062	0.019	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.062	0.014	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.31	0.023	
			Trichloroethene	ND	mg/Kg	0.062	0.023	
			Trichlorofluoromethane	ND	mg/Kg	0.062	0.024	
			Vinyl acetate	ND	mg/Kg	0.31	0.042	
			Vinyl chloride	ND	mg/Kg	0.062	0.022	
01NE07SS126	Surface soil	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.013	0.013	
			Acenaphthene	ND	mg/Kg	0.013	0.0086	
			Acenaphthylene	ND	mg/Kg	0.013	0.0084	
			Anthracene	ND	mg/Kg	0.013	0.0084	
			Benzo(a)anthracene	ND	mg/Kg	0.013	0.0071	
			Benzo(a)pyrene	ND	mg/Kg	0.013	0.0061	
			Benzo(b)fluoranthene	ND	mg/Kg	0.013	0.0082	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.013	0.0071	
			Benzo(k)fluoranthene	ND	mg/Kg	0.013	0.0063	
			Chrysene	ND	mg/Kg	0.013	0.0059	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.013	0.0061	
			Dibenzofuran	ND	mg/Kg	0.013	0.013	
			Fluoranthene	ND	mg/Kg	0.013	0.0065	
			Fluorene	ND	mg/Kg	0.013	0.0095	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.013	0.0088	
			Naphthalene	ND	mg/Kg	0.013	0.012	
			Phenanthrene	ND	mg/Kg	0.013	0.0082	
			Pyrene	ND	mg/Kg	0.013	0.0072	
		AK102	DRO	160	mg/Kg	27	4.8	
		AK103	RRO	740	mg/Kg	54	54	VJ
		E200.8	Arsenic	17.3	mg/Kg	0.4	0.08	
		SW6010B	Aluminum	11700	mg/Kg	10	6	
			Antimony	ND	mg/Kg	30	7	
			Barium	78	mg/Kg	2	0.2	
			Beryllium	0.9	mg/Kg	0.5	0.2	
			Cadmium	3	mg/Kg	1	0.4	
			Calcium	5070	mg/Kg	30	0.2	
			Chromium	75	mg/Kg	3	0.7	
			Cobalt	19	mg/Kg	2	0.3	
			Copper	97	mg/Kg	1	1	
			Iron	112000	mg/Kg	10	3	
			Lead	460	mg/Kg	10	3	
			Magnesium	2900	mg/Kg	10	4	
			Manganese	520	mg/Kg	0.5	0.2	
			Nickel	43	mg/Kg	5	2	
			Potassium	1010	mg/Kg	260	200	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SS126	Surface soil	SW6010B	Selenium	ND	mg/Kg	30	5	
			Silver	2	mg/Kg	2	0.4	
			Sodium	180	mg/Kg	30	7	
			Thallium	ND	mg/Kg	30	3	
			Vanadium	31	mg/Kg	2	0.9	
			Zinc	444	mg/Kg	3	1	
		SW7471A	Mercury	0.3	mg/Kg	0.1	0.03	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.071	0.0191	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.14	0.0229	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.071	0.00986	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.071	0.0116	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.071	0.00764	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.071	0.0231	
			PCB-1260 (Aroclor 1260)	0.13	mg/Kg	0.071	0.0187	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.11	0.043	
			1,1,1-Trichloroethane	ND	mg/Kg	0.11	0.029	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.11	0.071	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/Kg	0.11	0.025	
			1,1,2-Trichloroethane	ND	mg/Kg	0.11	0.03	
			1,1-Dichloroethane	ND	mg/Kg	0.11	0.039	
			1,1-Dichloroethene	ND	mg/Kg	0.11	0.033	
			1,1-Dichloropropene	ND	mg/Kg	0.11	0.031	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.54	0.049	
			1,2,3-Trichloropropane	ND	mg/Kg	0.22	0.062	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.54	0.047	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.11	0.041	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.54	0.077	
			1,2-Dibromoethane	ND	mg/Kg	0.11	0.032	
			1,2-Dichlorobenzene	ND	mg/Kg	0.11	0.046	
			1,2-Dichloroethane	ND	mg/Kg	0.11	0.023	
			1,2-Dichloropropane	ND	mg/Kg	0.11	0.025	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.11	0.044	
			1,3-Dichlorobenzene	ND	mg/Kg	0.11	0.039	
			1,3-Dichloropropane	ND	mg/Kg	0.11	0.043	
			1,4-Dichlorobenzene	ND	mg/Kg	0.11	0.042	
			2,2-Dichloropropane	ND	mg/Kg	0.11	0.038	
			2-Butanone	ND	mg/Kg	0.54	0.5	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.54	0.047	
			2-Chlorotoluene	ND	mg/Kg	0.11	0.067	
			2-Hexanone	ND	mg/Kg	0.54	0.42	
			4-Chlorotoluene	ND	mg/Kg	0.11	0.041	
			4-Isopropyltoluene	ND	mg/Kg	0.11	0.042	
			4-Methyl-2-pentanone	ND	mg/Kg	0.54	0.33	
			Acetone	0.84	mg/Kg	0.54	0.5	
			Acrolein	ND	mg/Kg	5.4	0.68	
			Acrylamide	ND	mg/Kg	0.54	0.078	
			Benzene	ND	mg/Kg	0.11	0.027	
			Bromobenzene	ND	mg/Kg	0.11	0.043	
			Bromochloromethane	ND	mg/Kg	0.11	0.039	
			Bromodichloromethane	ND	mg/Kg	0.11	0.017	
			Bromoethane	ND	mg/Kg	0.22	0.045	
			Bromoform	ND	mg/Kg	0.11	0.033	
			Bromomethane	0.2	mg/Kg	0.11	0.07	VB
			Carbon disulfide	ND	mg/Kg	0.11	0.031	
			Carbon tetrachloride	ND	mg/Kg	0.11	0.025	
			Chlorobenzene	ND	mg/Kg	0.11	0.037	
			Chloroethane	ND	mg/Kg	0.11	0.037	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SS126	Surface soil	SW8260	Chloroform	ND	mg/Kg	0.11	0.03	
			Chloromethane	ND	mg/Kg	0.11	0.029	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.11	0.03	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.11	0.025	
			Dibromochloromethane	ND	mg/Kg	0.11	0.029	
			Dibromomethane	ND	mg/Kg	0.11	0.029	
			Ethylbenzene	ND	mg/Kg	0.11	0.04	
			Hexachlorobutadiene	ND	mg/Kg	0.54	0.14	
			Isopropylbenzene	ND	mg/Kg	0.11	0.045	
			m,p-Xylene (sum)	0.13	mg/Kg	0.11	0.08	
			Methyl iodide	ND	mg/Kg	0.11	0.047	
			Methylene chloride	ND	mg/Kg	0.32	0.24	VR
			Naphthalene	ND	mg/Kg	0.54	0.077	
			n-Butylbenzene	ND	mg/Kg	0.22	0.046	
			n-Propylbenzene	ND	mg/Kg	0.11	0.041	
			o-Xylene	ND	mg/Kg	0.11	0.034	
			sec-Butylbenzene	ND	mg/Kg	0.11	0.053	
			Styrene	ND	mg/Kg	0.11	0.03	
			tert-Butylbenzene	ND	mg/Kg	0.11	0.047	
			Tetrachloroethene	ND	mg/Kg	0.11	0.055	
			Toluene	0.14	mg/Kg	0.11	0.033	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.11	0.033	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.11	0.024	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.54	0.041	
			Trichloroethene	ND	mg/Kg	0.11	0.04	
			Trichlorofluoromethane	ND	mg/Kg	0.11	0.042	
			Vinyl acetate	ND	mg/Kg	0.54	0.073	
			Vinyl chloride	ND	mg/Kg	0.11	0.038	
01NE07SS127	Surface soil	AK102	DRO	720	mg/Kg	100	12	
		AK103	RRO	3600	mg/Kg	200	200	VJ
		SW8270 SIM	2-Methylnaphthalene	0.047	mg/Kg	0.008	0.0079	
			Acenaphthene	ND	mg/Kg	0.008	0.0053	
			Acenaphthylene	ND	mg/Kg	0.008	0.0052	
			Anthracene	ND	mg/Kg	0.008	0.0052	
			Benzo(a)anthracene	ND	mg/Kg	0.008	0.0044	
			Benzo(a)pyrene	0.082	mg/Kg	0.008	0.0038	
			Benzo(b)fluoranthene	ND	mg/Kg	0.008	0.0051	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.008	0.0044	
			Benzo(k)fluoranthene	ND	mg/Kg	0.008	0.0039	
			Chrysene	0.013	mg/Kg	0.008	0.0037	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.008	0.0038	
			Dibenzofuran	ND	mg/Kg	0.008	0.0079	
			Fluoranthene	ND	mg/Kg	0.008	0.004	
			Fluorene	ND	mg/Kg	0.008	0.0059	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.008	0.0054	
			Naphthalene	0.027	mg/Kg	0.008	0.0074	
			Phenanthrene	0.014	mg/Kg	0.008	0.0051	
			Pyrene	0.013	mg/Kg	0.008	0.0045	
		SW6010B	Aluminum	11300	mg/Kg	7	4	
			Antimony	ND	mg/Kg	20	5	
			Arsenic	30	mg/Kg	20	4	
			Barium	135	mg/Kg	1	0.1	
			Beryllium	0.9	mg/Kg	0.3	0.1	
			Cadmium	1.3	mg/Kg	0.7	0.3	
			Calcium	2860	mg/Kg	20	0.1	
			Chromium	65	mg/Kg	2	0.4	
			Cobalt	17	mg/Kg	1	0.2	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SS127	Surface soil	SW6010B	Copper	120	mg/Kg	0.7	0.7	
			Iron	129000	mg/Kg	7	2	
			Lead	419	mg/Kg	7	2	
			Magnesium	3180	mg/Kg	7	3	
			Manganese	559	mg/Kg	0.3	0.1	
			Nickel	57	mg/Kg	3	1	
			Potassium	1080	mg/Kg	170	100	
			Selenium	ND	mg/Kg	20	3	
			Silver	ND	mg/Kg	1	0.2	
			Sodium	210	mg/Kg	20	5	
			Thallium	ND	mg/Kg	20	2	
			Vanadium	29	mg/Kg	1	0.6	
			Zinc	294	mg/Kg	2	1	
		SW7471A	Mercury	0.47	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.044	0.0118	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.088	0.0141	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.044	0.00608	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.044	0.00718	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.044	0.00471	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.044	0.0142	
			PCB-1260 (Aroclor 1260)	13	mg/Kg	0.88	0.231	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.075	0.03	
			1,1,1-Trichloroethane	0.14	mg/Kg	0.075	0.02	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.075	0.049	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.075	0.017	
			1,1,2-Trichloroethane	ND	mg/Kg	0.075	0.021	
			1,1-Dichloroethane	ND	mg/Kg	0.075	0.027	
			1,1-Dichloroethene	ND	mg/Kg	0.075	0.023	
			1,1-Dichloropropene	ND	mg/Kg	0.075	0.022	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.37	0.034	
			1,2,3-Trichloropropane	ND	mg/Kg	0.15	0.043	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.37	0.033	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.075	0.028	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.37	0.054	
			1,2-Dibromoethane	ND	mg/Kg	0.075	0.022	
			1,2-Dichlorobenzene	ND	mg/Kg	0.075	0.032	
			1,2-Dichloroethane	ND	mg/Kg	0.075	0.016	
			1,2-Dichloropropane	ND	mg/Kg	0.075	0.017	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.075	0.031	
			1,3-Dichlorobenzene	ND	mg/Kg	0.075	0.027	
			1,3-Dichloropropane	ND	mg/Kg	0.075	0.03	
			1,4-Dichlorobenzene	ND	mg/Kg	0.075	0.029	
			2,2-Dichloropropane	ND	mg/Kg	0.075	0.026	
			2-Butanone	ND	mg/Kg	0.37	0.35	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.37	0.033	
			2-Chlorotoluene	ND	mg/Kg	0.075	0.046	
			2-Hexanone	ND	mg/Kg	0.37	0.29	
			4-Chlorotoluene	ND	mg/Kg	0.075	0.028	
			4-Isopropyltoluene	ND	mg/Kg	0.075	0.029	
			4-Methyl-2-pentanone	ND	mg/Kg	0.37	0.23	
			Acetone	ND	mg/Kg	0.37	0.35	
			Acrolein	ND	mg/Kg	3.7	0.47	
			Acrylamide	ND	mg/Kg	0.37	0.054	
			Benzene	ND	mg/Kg	0.075	0.019	
			Bromobenzene	ND	mg/Kg	0.075	0.03	
			Bromochloromethane	ND	mg/Kg	0.075	0.027	
			Bromodichloromethane	ND	mg/Kg	0.075	0.012	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SS127	Surface soil	SW8260	Bromoethane	ND	mg/Kg	0.15	0.031	
			Bromoform	ND	mg/Kg	0.075	0.023	
			Bromomethane	0.17	mg/Kg	0.075	0.049	VB
			Carbon disulfide	ND	mg/Kg	0.075	0.022	
			Carbon tetrachloride	ND	mg/Kg	0.075	0.017	
			Chlorobenzene	ND	mg/Kg	0.075	0.025	
			Chloroethane	ND	mg/Kg	0.075	0.025	
			Chloroform	ND	mg/Kg	0.075	0.021	
			Chloromethane	ND	mg/Kg	0.075	0.02	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.075	0.021	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.075	0.017	
			Dibromochloromethane	ND	mg/Kg	0.075	0.02	
			Dibromomethane	ND	mg/Kg	0.075	0.02	
			Ethylbenzene	ND	mg/Kg	0.075	0.028	
			Hexachlorobutadiene	ND	mg/Kg	0.37	0.099	
			Isopropylbenzene	ND	mg/Kg	0.075	0.031	
			m,p-Xylene (sum)	ND	mg/Kg	0.075	0.055	
			Methyl iodide	ND	mg/Kg	0.075	0.033	
			Methylene chloride	ND	mg/Kg	0.22	0.17	VQQ
			Naphthalene	ND	mg/Kg	0.37	0.054	
			n-Butylbenzene	ND	mg/Kg	0.15	0.032	
			n-Propylbenzene	ND	mg/Kg	0.075	0.028	
			o-Xylene	ND	mg/Kg	0.075	0.024	
			sec-Butylbenzene	ND	mg/Kg	0.075	0.037	
			Styrene	ND	mg/Kg	0.075	0.021	
			tert-Butylbenzene	ND	mg/Kg	0.075	0.033	
			Tetrachloroethene	ND	mg/Kg	0.075	0.038	
			Toluene	ND	mg/Kg	0.075	0.023	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.075	0.023	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.075	0.016	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.37	0.028	
			Trichloroethene	ND	mg/Kg	0.075	0.028	
			Trichlorofluoromethane	ND	mg/Kg	0.075	0.029	
			Vinyl acetate	ND	mg/Kg	0.37	0.051	
			Vinyl chloride	ND	mg/Kg	0.075	0.026	
01NE07SW104	Surface Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	ND	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	
			Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	
			Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	ND	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	ND	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
			DRO	ND	mg/L	0.25	0.02	
			RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.32	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SW104	Surface Water	SW6010B	Barium	0.008	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	3.32	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	0.003	mg/L	0.002	0.002	
			Iron	1.16	mg/L	0.02	0.0063	
			Magnesium	1.28	mg/L	0.02	0.0084	
			Manganese	0.007	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	0.81	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	6.29	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.02	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	0.004	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	1E-04	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		AK101	GRO	ND	mg/L	0.25	0.1	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SW104	Surface Water	SW8260	4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
01NE07SW105	Surface Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	ND	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	
			Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SW105	Surface Water	SW8270 SIM	Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	ND	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	ND	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
		SW6010B	Aluminum	0.24	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.012	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	4.99	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	0.002	mg/L	0.002	0.002	
			Iron	3.66	mg/L	0.02	0.0063	
			Magnesium	1.44	mg/L	0.02	0.0084	
			Manganese	0.096	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.72	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.019	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	0.002	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	1E-04	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07SW105	Surface Water	SW8260	1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE07WP101	Ground Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	0.66	mg/L	0.25	0.02	
		AK103	RRO	2.7	mg/L	0.5	0.5	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	ND	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP101	Ground Water	SW8270 SIM	Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	
			Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	ND	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	ND	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
		SW6010B	Aluminum	10.6	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.126	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	7.57	mg/L	0.05	0.0003	
			Chromium	0.255	mg/L	0.005	0.0013	
			Cobalt	0.064	mg/L	0.003	0.0006	
			Copper	0.067	mg/L	0.002	0.002	
			Iron	47.1	mg/L	0.02	0.0063	
			Magnesium	3.77	mg/L	0.02	0.0084	
			Manganese	0.593	mg/L	0.001	0.0003	
			Nickel	3.54	mg/L	0.01	0.0034	
			Potassium	5.26	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	8.48	mg/L	0.05	0.015	
			Vanadium	0.079	mg/L	0.003	0.0017	
			Zinc	2.47	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.01	mg/L	0.001	0.00054	
		SW7421	Lead	0.04	mg/L	0.005	0.0043	
		SW7470A	Mercury	0.0002	mg/L	1E-04	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
		SW8260	PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
			1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP101	Ground Water	SW8260	1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	0.019	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	

Summary of Analytical Results Site 7
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP101	Ground Water	SW8260	Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE07WP102	Ground Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	ND	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	
			Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	
			Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	ND	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	ND	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	1.1	mg/L	0.5	0.5	VJ
		SW6010B	Aluminum	25.8	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.13	mg/L	0.003	0.0004	
			Beryllium	0.002	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	4.31	mg/L	0.05	0.0003	
			Chromium	0.014	mg/L	0.005	0.0013	
			Cobalt	0.004	mg/L	0.003	0.0006	
			Copper	0.018	mg/L	0.002	0.002	
			Iron	18.7	mg/L	0.02	0.0063	
			Magnesium	3.62	mg/L	0.02	0.0084	
			Manganese	0.06	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	2.25	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	10.3	mg/L	0.05	0.015	
			Vanadium	0.035	mg/L	0.003	0.0017	
			Zinc	0.023	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.004	mg/L	0.001	0.00054	
		SW7421	Lead	0.017	mg/L	0.001	0.00086	
		SW7470A	Mercury	0.0002	mg/L	1E-04	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP102	Ground Water	SW8260	1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP102	Ground Water	SW8260	tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
01NE07WP103	Ground Water	SW8270 SIM	Vinyl chloride	ND	mg/L	0.001	0.0004	
			2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	ND	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	
			Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	
			Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	ND	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	ND	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	0.39	mg/L	0.25	0.02	
		AK103	RRO	1.4	mg/L	0.5	0.5	VJ
		SW6010B	Aluminum	14.7	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.13	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	3.96	mg/L	0.05	0.0003	
			Chromium	0.014	mg/L	0.005	0.0013	
			Cobalt	0.004	mg/L	0.003	0.0006	
			Copper	0.011	mg/L	0.002	0.002	
			Iron	11.2	mg/L	0.02	0.0063	
			Magnesium	3.71	mg/L	0.02	0.0084	
			Manganese	0.105	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	1.64	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	12.6	mg/L	0.05	0.015	
			Vanadium	0.029	mg/L	0.003	0.0017	
			Zinc	0.02	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.004	mg/L	0.001	0.00054	
		SW7421	Lead	0.006	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	1E-04	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP103	Ground Water	SW8082	PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP103	Ground Water	SW8260	Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE07WP202	Ground Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	ND	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	
			Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	
			Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	ND	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	ND	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	

**Summary of Analytical Results Site 7
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE07WP202	Ground Water	SW8260	2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	

Key:
 DRU - diesel range organics
 MDL - method detection limit
 mg/L - milligram per liter
 mg/Kg - milligram per kilogram
 MRL - method reporting limit
 ND - not detected
 HHU - residual range organics
 SIM - selected ion monitoring
 VB - The analyte was detected in the associated blank and the sample indicating possible contamination.
 VJ - The analyte was positively identified; the quantitation is an estimation.
 VUQ - The practical quantitation limit is approximate due to QC or matrix effects.

Summary of Analytical Results Site 9
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09MW103	Ground water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	164	mg/L	0.02	0.012	
			Antimony	0.12	mg/L	0.05	0.014	
			Barium	1.16	mg/L	0.003	0.0004	
			Beryllium	0.014	mg/L	0.001	0.0003	
			Cadmium	0.004	mg/L	0.002	0.00084	
			Calcium	58.6	mg/L	0.05	0.0003	
			Chromium	0.099	mg/L	0.005	0.0013	
			Cobalt	0.037	mg/L	0.003	0.0006	
			Copper	0.068	mg/L	0.002	0.002	
			Iron	322	mg/L	0.02	0.0063	
			Magnesium	38.9	mg/L	0.02	0.0084	
			Manganese	2.24	mg/L	0.001	0.0003	
			Nickel	0.08	mg/L	0.01	0.0034	
			Potassium	16.4	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	46.9	mg/L	0.05	0.015	
			Vanadium	0.149	mg/L	0.003	0.0017	
			Zinc	0.512	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.005	0.0027	
		SW7421	Lead	0.3	mg/L	0.01	0.0086	
		SW7470A	Mercury	0.0004	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.01	0.0042	
		SW7841	Thallium	ND	mg/L	0.005	0.004	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	VQQ
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09MW103	Ground water	SW8260	1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09MW103	Ground water	SW8260	trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SD107	Sediment	AK102	DRO	320	mg/Kg	17	3.1	
		AK103	RRO	2100	mg/Kg	35	35	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.041	0.041	
			Acenaphthene	ND	mg/Kg	0.041	0.028	
			Acenaphthylene	ND	mg/Kg	0.041	0.027	
			Anthracene	ND	mg/Kg	0.041	0.027	
			Benzo(a)anthracene	ND	mg/Kg	0.041	0.023	
			Benzo(a)pyrene	ND	mg/Kg	0.041	0.02	
			Benzo(b)fluoranthene	ND	mg/Kg	0.041	0.027	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.041	0.023	
			Benzo(k)fluoranthene	ND	mg/Kg	0.041	0.021	
			Chrysene	ND	mg/Kg	0.041	0.019	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.041	0.02	
			Dibenzofuran	ND	mg/Kg	0.041	0.041	
			Fluoranthene	ND	mg/Kg	0.041	0.021	
			Fluorene	ND	mg/Kg	0.041	0.031	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.041	0.029	
			Naphthalene	ND	mg/Kg	0.041	0.039	
			Phenanthrene	ND	mg/Kg	0.041	0.027	
			Pyrene	ND	mg/Kg	0.041	0.024	
		E200.8	Arsenic	8	mg/Kg	1	0.2	
		SW6010B	Aluminum	7740	mg/Kg	10	7	
			Antimony	ND	mg/Kg	30	8	
			Barium	72	mg/Kg	2	0.2	
			Beryllium	0.7	mg/Kg	0.6	0.2	
			Cadmium	ND	mg/Kg	1	0.5	
			Calcium	2020	mg/Kg	30	0.2	
			Chromium	5	mg/Kg	3	0.8	
			Cobalt	ND	mg/Kg	2	0.4	
			Copper	6	mg/Kg	1	1	
			Iron	31100	mg/Kg	10	4	
			Lead	ND	mg/Kg	10	4	
			Magnesium	930	mg/Kg	10	5	
			Manganese	50.5	mg/Kg	0.6	0.2	
			Nickel	ND	mg/Kg	6	2	
			Potassium	ND	mg/Kg	290	200	
			Selenium	ND	mg/Kg	30	6	
			Silver	ND	mg/Kg	2	0.4	
			Sodium	180	mg/Kg	30	9	
			Thallium	ND	mg/Kg	30	4	
			Vanadium	21	mg/Kg	2	1	
			Zinc	15	mg/Kg	4	2	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.23	0.0621	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.47	0.0744	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.23	0.0321	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.23	0.0379	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.23	0.0249	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.23	0.0751	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.23	0.0609	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.22	0.087	
			1,1,1-Trichloroethane	ND	mg/Kg	0.22	0.059	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD107	Sediment	SW8260	1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.22	0.14	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.22	0.05	
			1,1,2-Trichloroethane	ND	mg/Kg	0.22	0.061	
			1,1-Dichloroethane	ND	mg/Kg	0.22	0.079	
			1,1-Dichloroethene	ND	mg/Kg	0.22	0.068	
			1,1-Dichloropropene	ND	mg/Kg	0.22	0.063	
			1,2,3-Trichlorobenzene	ND	mg/Kg	1.1	0.1	
			1,2,3-Trichloropropane	ND	mg/Kg	0.44	0.13	
			1,2,4-Trichlorobenzene	ND	mg/Kg	1.1	0.096	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.22	0.083	
			1,2-Dibromo-3-chloropropan	ND	mg/Kg	1.1	0.16	
			1,2-Dibromoethane	ND	mg/Kg	0.22	0.066	
			1,2-Dichlorobenzene	ND	mg/Kg	0.22	0.094	
			1,2-Dichloroethane	ND	mg/Kg	0.22	0.046	
			1,2-Dichloropropane	ND	mg/Kg	0.22	0.05	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.22	0.09	
			1,3-Dichlorobenzene	ND	mg/Kg	0.22	0.079	
			1,3-Dichloropropane	ND	mg/Kg	0.22	0.087	
			1,4-Dichlorobenzene	ND	mg/Kg	0.22	0.085	
			2,2-Dichloropropane	ND	mg/Kg	0.22	0.076	
			2-Butanone	ND	mg/Kg	1.1	1	
			2-Chloroethyl vinyl ether	ND	mg/Kg	1.1	0.096	
			2-Chlorotoluene	ND	mg/Kg	0.22	0.14	
			2-Hexanone	ND	mg/Kg	1.1	0.86	
			4-Chlorotoluene	ND	mg/Kg	0.22	0.083	
			4-Isopropyltoluene	ND	mg/Kg	0.22	0.085	
			4-Methyl-2-pentanone	ND	mg/Kg	1.1	0.67	
			Acetone	ND	mg/Kg	1.1	1	
			Acrolein	ND	mg/Kg	11	1.4	
			Acrylamide	ND	mg/Kg	1.1	0.16	
			Benzene	ND	mg/Kg	0.22	0.055	
			Bromobenzene	ND	mg/Kg	0.22	0.087	
			Bromochloromethane	ND	mg/Kg	0.22	0.079	
			Bromodichloromethane	ND	mg/Kg	0.22	0.035	
			Bromoethane	ND	mg/Kg	0.44	0.092	
			Bromoform	ND	mg/Kg	0.22	0.068	
			Bromomethane	ND	mg/Kg	0.22	0.14	
			Carbon disulfide	ND	mg/Kg	0.22	0.063	
			Carbon tetrachloride	ND	mg/Kg	0.22	0.05	
			Chlorobenzene	ND	mg/Kg	0.22	0.074	
			Chloroethane	ND	mg/Kg	0.22	0.074	
			Chloroform	ND	mg/Kg	0.22	0.061	
			Chloromethane	ND	mg/Kg	0.22	0.059	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.22	0.061	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.22	0.05	
			Dibromochloromethane	ND	mg/Kg	0.22	0.059	
			Dibromomethane	ND	mg/Kg	0.22	0.059	
			Ethylbenzene	ND	mg/Kg	0.22	0.081	
			Hexachlorobutadiene	ND	mg/Kg	1.1	0.29	
			Isopropylbenzene	ND	mg/Kg	0.22	0.092	
			m,p-Xylene (sum)	ND	mg/Kg	0.22	0.16	
			Methyl iodide	ND	mg/Kg	0.22	0.096	
			Methylene chloride	ND	mg/Kg	0.66	0.49	
			Naphthalene	ND	mg/Kg	1.1	0.16	
			n-Butylbenzene	ND	mg/Kg	0.44	0.094	
			n-Propylbenzene	ND	mg/Kg	0.22	0.083	
			o-Xylene	ND	mg/Kg	0.22	0.07	
			sec-Butylbenzene	ND	mg/Kg	0.22	0.11	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD107	Sediment	SW8260	Styrene	ND	mg/Kg	0.22	0.061	
			tert-Butylbenzene	ND	mg/Kg	0.22	0.096	
			Tetrachloroethene	ND	mg/Kg	0.22	0.11	
			Toluene	ND	mg/Kg	0.22	0.068	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.22	0.068	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.22	0.048	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	1.1	0.083	
			Trichloroethene	ND	mg/Kg	0.22	0.081	
			Trichlorofluoromethane	ND	mg/Kg	0.22	0.085	
			Vinyl acetate	ND	mg/Kg	1.1	0.15	
			Vinyl chloride	ND	mg/Kg	0.22	0.076	
01NE09SD108	Sediment	AK102	DRO	84	mg/Kg	9.3	1.7	
		AK103	RRO	520	mg/Kg	19	19	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.022	0.022	VQQ
			Acenaphthene	ND	mg/Kg	0.022	0.015	VQQ
			Acenaphthylene	ND	mg/Kg	0.022	0.015	VQQ
			Anthracene	ND	mg/Kg	0.022	0.015	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.022	0.012	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.022	0.011	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.022	0.014	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.022	0.012	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.022	0.011	VQQ
			Chrysene	ND	mg/Kg	0.022	0.01	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.022	0.011	VQQ
			Dibenzofuran	ND	mg/Kg	0.022	0.022	VQQ
			Fluoranthene	ND	mg/Kg	0.022	0.011	VQQ
			Fluorene	ND	mg/Kg	0.022	0.017	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.022	0.015	VQQ
			Naphthalene	ND	mg/Kg	0.022	0.021	VQQ
			Phenanthrene	ND	mg/Kg	0.022	0.014	VQQ
			Pyrene	ND	mg/Kg	0.022	0.013	VQQ
		E200.8	Arsenic	5.9	mg/Kg	0.6	0.1	
		SW6010B	Aluminum	20000	mg/Kg	9	5	
			Antimony	ND	mg/Kg	20	6	
			Barium	111	mg/Kg	1	0.2	
			Beryllium	2	mg/Kg	0.5	0.1	
			Cadmium	ND	mg/Kg	0.9	0.4	
			Calcium	2090	mg/Kg	20	0.1	
			Chromium	22	mg/Kg	2	0.6	
			Cobalt	4	mg/Kg	1	0.3	
			Copper	15.9	mg/Kg	0.9	0.9	
			Iron	22200	mg/Kg	9	3	
			Lead	27	mg/Kg	9	3	
			Magnesium	2980	mg/Kg	9	4	
			Manganese	125	mg/Kg	0.5	0.1	
			Nickel	10	mg/Kg	5	2	
			Potassium	1060	mg/Kg	230	200	
			Selenium	ND	mg/Kg	20	4	
			Silver	ND	mg/Kg	1	0.3	
			Sodium	270	mg/Kg	20	7	
			Thallium	ND	mg/Kg	20	3	
			Vanadium	44	mg/Kg	1	0.8	
			Zinc	42	mg/Kg	3	1	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.0332	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.25	0.0398	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.0171	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.0202	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD108	Sediment	SW8082	PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.0133	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0401	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0325	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.18	0.073	
			1,1,1-Trichloroethane	0.2	mg/Kg	0.18	0.049	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.18	0.12	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.18	0.042	
			1,1,2-Trichloroethane	ND	mg/Kg	0.18	0.051	
			1,1-Dichloroethane	ND	mg/Kg	0.18	0.065	
			1,1-Dichloroethene	ND	mg/Kg	0.18	0.056	
			1,1-Dichloropropene	ND	mg/Kg	0.18	0.053	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.91	0.084	
			1,2,3-Trichloropropane	ND	mg/Kg	0.36	0.11	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.91	0.08	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.18	0.069	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.91	0.13	
			1,2-Dibromoethane	ND	mg/Kg	0.18	0.055	
			1,2-Dichlorobenzene	ND	mg/Kg	0.18	0.078	
			1,2-Dichloroethane	ND	mg/Kg	0.18	0.038	
			1,2-Dichloropropane	ND	mg/Kg	0.18	0.042	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.18	0.075	
			1,3-Dichlorobenzene	ND	mg/Kg	0.18	0.065	
			1,3-Dichloropropane	ND	mg/Kg	0.18	0.073	
			1,4-Dichlorobenzene	ND	mg/Kg	0.18	0.071	
			2,2-Dichloropropane	ND	mg/Kg	0.18	0.064	
			2-Butanone	ND	mg/Kg	0.91	0.84	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.91	0.08	
			2-Chlorotoluene	ND	mg/Kg	0.18	0.11	
			2-Hexanone	ND	mg/Kg	0.91	0.71	
			4-Chlorotoluene	ND	mg/Kg	0.18	0.069	
			4-Isopropyltoluene	ND	mg/Kg	0.18	0.071	
			4-Methyl-2-pentanone	ND	mg/Kg	0.91	0.56	
			Acetone	1.5	mg/Kg	0.91	0.84	
			Acrolein	ND	mg/Kg	9.1	1.2	
			Acrylamide	ND	mg/Kg	0.91	0.13	
			Benzene	ND	mg/Kg	0.18	0.045	
			Bromobenzene	ND	mg/Kg	0.18	0.073	
			Bromochloromethane	ND	mg/Kg	0.18	0.065	
			Bromodichloromethane	ND	mg/Kg	0.18	0.029	
			Bromoethane	ND	mg/Kg	0.36	0.076	
			Bromoform	ND	mg/Kg	0.18	0.056	
			Bromomethane	0.36	mg/Kg	0.18	0.12	VB
			Carbon disulfide	ND	mg/Kg	0.18	0.053	
			Carbon tetrachloride	ND	mg/Kg	0.18	0.042	
			Chlorobenzene	ND	mg/Kg	0.18	0.062	
			Chloroethane	ND	mg/Kg	0.18	0.062	
			Chloroform	ND	mg/Kg	0.18	0.051	
			Chloromethane	ND	mg/Kg	0.18	0.049	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.18	0.051	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.18	0.042	
			Dibromochloromethane	ND	mg/Kg	0.18	0.049	
			Dibromomethane	ND	mg/Kg	0.18	0.049	
			Ethylbenzene	ND	mg/Kg	0.18	0.067	
			Hexachlorobutadiene	ND	mg/Kg	0.91	0.24	
			Isopropylbenzene	ND	mg/Kg	0.18	0.076	
			m,p-Xylene (sum)	ND	mg/Kg	0.18	0.13	
			Methyl iodide	ND	mg/Kg	0.18	0.08	
			Methylene chloride	ND	mg/Kg	0.55	0.41	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD108	Sediment	SW8260	Naphthalene	ND	mg/Kg	0.91	0.13	
			n-Butylbenzene	ND	mg/Kg	0.36	0.078	
			n-Propylbenzene	ND	mg/Kg	0.18	0.069	
			o-Xylene	ND	mg/Kg	0.18	0.058	
			sec-Butylbenzene	ND	mg/Kg	0.18	0.089	
			Styrene	ND	mg/Kg	0.18	0.051	
			tert-Butylbenzene	ND	mg/Kg	0.18	0.08	
			Tetrachloroethene	ND	mg/Kg	0.18	0.093	
			Toluene	6	mg/Kg	0.18	0.056	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.18	0.056	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.18	0.04	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.91	0.069	
			Trichloroethene	ND	mg/Kg	0.18	0.067	
			Trichlorofluoromethane	ND	mg/Kg	0.18	0.071	
			Vinyl acetate	ND	mg/Kg	0.91	0.12	
			Vinyl chloride	ND	mg/Kg	0.18	0.064	
01NE09SD109	Sediment	AK102	DRO	510	mg/Kg	34	6.2	
		AK103	RRO	1300	mg/Kg	69	69	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.016	0.016	
			Acenaphthene	ND	mg/Kg	0.016	0.011	
			Acenaphthylene	ND	mg/Kg	0.016	0.011	
			Anthracene	ND	mg/Kg	0.016	0.011	
			Benzo(a)anthracene	0.021	mg/Kg	0.016	0.009	
			Benzo(a)pyrene	0.086	mg/Kg	0.016	0.0078	
			Benzo(b)fluoranthene	0.039	mg/Kg	0.016	0.011	VP,VJ
			Benzo(g,h,i)perylene	0.088	mg/Kg	0.016	0.009	
			Benzo(k)fluoranthene	0.057	mg/Kg	0.016	0.0081	VP,VJ
			Chrysene	0.064	mg/Kg	0.016	0.0076	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.016	0.0078	
			Dibenzofuran	ND	mg/Kg	0.016	0.016	
			Fluoranthene	0.023	mg/Kg	0.016	0.0083	
			Fluorene	ND	mg/Kg	0.016	0.012	
			Indeno(1,2,3-cd)pyrene	0.018	mg/Kg	0.016	0.011	
			Naphthalene	ND	mg/Kg	0.016	0.015	
			Phenanthrene	0.024	mg/Kg	0.016	0.011	
			Pyrene	0.041	mg/Kg	0.016	0.0093	
		E200.8	Arsenic	25.7	mg/Kg	0.7	0.1	
		SW6010B	Aluminum	4640	mg/Kg	20	10	
			Antimony	250	mg/Kg	60	20	
			Barium	112	mg/Kg	3	0.5	
			Beryllium	ND	mg/Kg	1	0.3	
			Cadmium	7	mg/Kg	2	1	
			Calcium	1910	mg/Kg	60	0.3	
			Chromium	42	mg/Kg	6	1	
			Cobalt	38	mg/Kg	3	0.7	
			Copper	429	mg/Kg	2	2	
			Iron	483000	mg/Kg	20	7	
			Lead	630	mg/Kg	20	7	
			Magnesium	1030	mg/Kg	20	10	
			Manganese	970	mg/Kg	1	0.3	
			Nickel	110	mg/Kg	10	4	
			Potassium	970	mg/Kg	570	400	
			Selenium	ND	mg/Kg	60	10	
			Silver	ND	mg/Kg	3	0.8	
			Sodium	280	mg/Kg	60	20	
			Thallium	ND	mg/Kg	60	7	
			Vanadium	ND	mg/Kg	3	2	
			Zinc	1790	mg/Kg	7	3	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD109	Sediment	SW7471A	Mercury	0.6	mg/Kg	0.2	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.092	0.0244	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.18	0.0293	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.092	0.0126	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.0979	0.0149	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.092	0.00979	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.146	0.0296	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.46	0.024	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.081	0.032	
			1,1,1-Trichloroethane	ND	mg/Kg	0.081	0.022	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.081	0.053	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/Kg	0.081	0.019	
			1,1,2-Trichloroethane	ND	mg/Kg	0.081	0.023	
			1,1-Dichloroethane	ND	mg/Kg	0.081	0.029	
			1,1-Dichloroethene	ND	mg/Kg	0.081	0.025	
			1,1-Dichloropropene	ND	mg/Kg	0.081	0.023	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.4	0.037	
			1,2,3-Trichloropropane	ND	mg/Kg	0.16	0.047	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.4	0.035	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.081	0.031	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.4	0.058	
			1,2-Dibromoethane	ND	mg/Kg	0.081	0.024	
			1,2-Dichlorobenzene	ND	mg/Kg	0.081	0.035	
			1,2-Dichloroethane	ND	mg/Kg	0.081	0.017	
			1,2-Dichloropropane	ND	mg/Kg	0.081	0.019	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.081	0.033	
			1,3-Dichlorobenzene	ND	mg/Kg	0.081	0.029	
			1,3-Dichloropropane	ND	mg/Kg	0.081	0.032	
			1,4-Dichlorobenzene	ND	mg/Kg	0.081	0.031	
			2,2-Dichloropropane	ND	mg/Kg	0.081	0.028	
			2-Butanone	ND	mg/Kg	0.4	0.37	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.4	0.035	
			2-Chlorotoluene	ND	mg/Kg	0.081	0.05	
			2-Hexanone	ND	mg/Kg	0.4	0.32	
			4-Chlorotoluene	ND	mg/Kg	0.081	0.031	
			4-Isopropyltoluene	ND	mg/Kg	0.081	0.031	
			4-Methyl-2-pentanone	ND	mg/Kg	0.4	0.25	
			Acetone	ND	mg/Kg	0.4	0.37	
			Acrolein	ND	mg/Kg	4	0.51	
			Acrylamide	ND	mg/Kg	0.4	0.059	
			Benzene	ND	mg/Kg	0.081	0.02	
			Bromobenzene	ND	mg/Kg	0.081	0.032	
			Bromochloromethane	ND	mg/Kg	0.081	0.029	
			Bromodichloromethane	ND	mg/Kg	0.081	0.013	
			Bromoethane	ND	mg/Kg	0.16	0.034	
			Bromoform	ND	mg/Kg	0.081	0.025	
			Bromomethane	ND	mg/Kg	0.081	0.052	
			Carbon disulfide	ND	mg/Kg	0.081	0.023	
			Carbon tetrachloride	ND	mg/Kg	0.081	0.019	
			Chlorobenzene	ND	mg/Kg	0.081	0.027	
			Chloroethane	ND	mg/Kg	0.081	0.027	
			Chloroform	ND	mg/Kg	0.081	0.023	
			Chloromethane	ND	mg/Kg	0.081	0.022	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.081	0.023	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.081	0.019	
			Dibromochloromethane	ND	mg/Kg	0.081	0.022	
			Dibromomethane	ND	mg/Kg	0.081	0.022	
			Ethylbenzene	ND	mg/Kg	0.081	0.03	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD109	Sediment	SW8260	Hexachlorobutadiene	ND	mg/Kg	0.4	0.11	
			Isopropylbenzene	ND	mg/Kg	0.081	0.034	
			m,p-Xylene (sum)	ND	mg/Kg	0.081	0.06	
			Methyl iodide	ND	mg/Kg	0.081	0.035	
			Methylene chloride	ND	mg/Kg	0.24	0.18	
			Naphthalene	ND	mg/Kg	0.4	0.058	
			n-Butylbenzene	ND	mg/Kg	0.16	0.035	
			n-Propylbenzene	ND	mg/Kg	0.081	0.031	
			o-Xylene	ND	mg/Kg	0.081	0.026	
			sec-Butylbenzene	ND	mg/Kg	0.081	0.039	
			Styrene	ND	mg/Kg	0.081	0.023	
			tert-Butylbenzene	ND	mg/Kg	0.081	0.035	
			Tetrachloroethene	ND	mg/Kg	0.081	0.041	
			Toluene	ND	mg/Kg	0.081	0.025	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.081	0.025	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.081	0.018	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.4	0.031	
			Trichloroethene	ND	mg/Kg	0.081	0.03	
			Trichlorofluoromethane	ND	mg/Kg	0.081	0.031	
			Vinyl acetate	ND	mg/Kg	0.4	0.055	
			Vinyl chloride	ND	mg/Kg	0.081	0.028	
01NE09SD113	Sediment	AK101	GRO	ND	mg/Kg	47.7	16.5	
		AK102	DRO	270	mg/Kg	15	2.7	
		AK103	RRO	1400	mg/Kg	30	30	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.036	0.036	VQQ
			Acenaphthene	ND	mg/Kg	0.036	0.024	VQQ
			Acenaphthylene	ND	mg/Kg	0.036	0.024	VQQ
			Anthracene	ND	mg/Kg	0.036	0.024	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.036	0.02	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.036	0.017	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.036	0.023	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.036	0.02	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.036	0.018	VQQ
			Chrysene	ND	mg/Kg	0.036	0.017	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.036	0.017	VQQ
			Dibenzofuran	ND	mg/Kg	0.036	0.036	VQQ
			Fluoranthene	ND	mg/Kg	0.036	0.018	VQQ
			Fluorene	ND	mg/Kg	0.036	0.027	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.036	0.025	VQQ
			Naphthalene	ND	mg/Kg	0.036	0.034	VQQ
			Phenanthrene	ND	mg/Kg	0.036	0.023	VQQ
			Pyrene	ND	mg/Kg	0.036	0.02	VQQ
		DU	Total Organic Carbon (TOC)	28	ERCEN	0.046	0.005	
		E160.3	Total Solids	12.7	ERCEN	0.01	0.01	
		E200.8	Arsenic	10	mg/Kg	1	0.2	
		SW6010B	Aluminum	18600	mg/Kg	10	6	
			Antimony	ND	mg/Kg	30	7	
			Barium	105	mg/Kg	2	0.2	
			Beryllium	3.8	mg/Kg	0.5	0.2	
			Cadmium	1	mg/Kg	1	0.4	
			Calcium	3140	mg/Kg	30	0.2	
			Chromium	19	mg/Kg	3	0.7	
			Cobalt	6	mg/Kg	2	0.3	
			Copper	23	mg/Kg	1	1	
			Iron	19600	mg/Kg	10	3	
			Lead	100	mg/Kg	10	3	
			Magnesium	3050	mg/Kg	10	4	
			Manganese	107	mg/Kg	0.5	0.2	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD113	Sediment	SW6010B	Nickel	13	mg/Kg	5	2	
			Potassium	1000	mg/Kg	260	200	
			Selenium	ND	mg/Kg	30	5	
			Silver	ND	mg/Kg	2	0.4	
			Sodium	210	mg/Kg	30	8	
			Thallium	ND	mg/Kg	30	3	
			Vanadium	35	mg/Kg	2	0.9	
			Zinc	58	mg/Kg	3	1	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.2	0.0542	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.41	0.065	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.2	0.028	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.2	0.0331	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.2	0.0217	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.2	0.0656	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.2	0.0532	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.27	0.11	
			1,1,1-Trichloroethane	ND	mg/Kg	0.27	0.073	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.27	0.18	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/Kg	0.27	0.062	
			1,1,2-Trichloroethane	ND	mg/Kg	0.27	0.076	
			1,1-Dichloroethane	ND	mg/Kg	0.27	0.098	
			1,1-Dichloroethene	ND	mg/Kg	0.27	0.084	
			1,1-Dichloropropene	ND	mg/Kg	0.27	0.079	
			1,2,3-Trichlorobenzene	ND	mg/Kg	1.4	0.12	
			1,2,3-Trichloropropane	ND	mg/Kg	0.54	0.16	
			1,2,4-Trichlorobenzene	ND	mg/Kg	1.4	0.12	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.27	0.1	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	1.4	0.2	
			1,2-Dibromoethane	ND	mg/Kg	0.27	0.082	
			1,2-Dichlorobenzene	ND	mg/Kg	0.27	0.12	
			1,2-Dichloroethane	ND	mg/Kg	0.27	0.057	
			1,2-Dichloropropane	ND	mg/Kg	0.27	0.062	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.27	0.11	
			1,3-Dichlorobenzene	ND	mg/Kg	0.27	0.098	
			1,3-Dichloropropane	ND	mg/Kg	0.27	0.11	
			1,4-Dichlorobenzene	ND	mg/Kg	0.27	0.11	
			2,2-Dichloropropane	ND	mg/Kg	0.27	0.095	
			2-Butanone	ND	mg/Kg	1.4	1.3	
			2-Chloroethyl vinyl ether	ND	mg/Kg	1.4	0.12	
			2-Chlorotoluene	ND	mg/Kg	0.27	0.17	
			2-Hexanone	ND	mg/Kg	1.4	1.1	
			4-Chlorotoluene	ND	mg/Kg	0.27	0.1	
			4-Isopropyltoluene	ND	mg/Kg	0.27	0.11	
			4-Methyl-2-pentanone	ND	mg/Kg	1.4	0.84	
			Acetone	1.6	mg/Kg	1.4	1.3	
			Acrolein	ND	mg/Kg	14	1.7	
			Acrylamide	ND	mg/Kg	1.4	0.2	
			Benzene	ND	mg/Kg	0.27	0.068	
			Bromobenzene	ND	mg/Kg	0.27	0.11	
			Bromochloromethane	ND	mg/Kg	0.27	0.098	
			Bromodichloromethane	ND	mg/Kg	0.27	0.043	
			Bromoethane	ND	mg/Kg	0.54	0.11	
			Bromoform	ND	mg/Kg	0.27	0.084	
			Bromomethane	ND	mg/Kg	0.27	0.18	
			Carbon disulfide	ND	mg/Kg	0.27	0.079	
			Carbon tetrachloride	ND	mg/Kg	0.27	0.062	
			Chlorobenzene	ND	mg/Kg	0.27	0.092	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD113	Sediment	SW8260	Chloroethane	ND	mg/Kg	0.27	0.092	
			Chloroform	ND	mg/Kg	0.27	0.076	
			Chloromethane	ND	mg/Kg	0.27	0.073	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.27	0.076	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.27	0.062	
			Dibromochloromethane	ND	mg/Kg	0.27	0.073	
			Dibromomethane	ND	mg/Kg	0.27	0.073	
			Ethylbenzene	ND	mg/Kg	0.27	0.1	
			Hexachlorobutadiene	ND	mg/Kg	1.4	0.36	
			Isopropylbenzene	ND	mg/Kg	0.27	0.11	
			m,p-Xylene (sum)	ND	mg/Kg	0.27	0.2	
			Methyl iodide	ND	mg/Kg	0.27	0.12	
			Methylene chloride	ND	mg/Kg	0.82	0.61	
			Naphthalene	ND	mg/Kg	1.4	0.2	
			n-Butylbenzene	ND	mg/Kg	0.54	0.12	
			n-Propylbenzene	ND	mg/Kg	0.27	0.1	
			o-Xylene	ND	mg/Kg	0.27	0.087	
			sec-Butylbenzene	ND	mg/Kg	0.27	0.13	
			Styrene	ND	mg/Kg	0.27	0.076	
			tert-Butylbenzene	ND	mg/Kg	0.27	0.12	
			Tetrachloroethene	ND	mg/Kg	0.27	0.14	
			Toluene	ND	mg/Kg	0.27	0.084	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.27	0.084	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.27	0.06	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	1.4	0.1	
			Trichloroethene	ND	mg/Kg	0.27	0.1	
			Trichlorofluoromethane	ND	mg/Kg	0.27	0.11	
			Vinyl acetate	ND	mg/Kg	1.4	0.18	
			Vinyl chloride	ND	mg/Kg	0.27	0.095	
01NE09SD114	Sediment	AK102	DRO	93	mg/Kg	15	2.6	
		AK103	RRO	740	mg/Kg	29	29	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.035	0.035	
			Acenaphthene	ND	mg/Kg	0.035	0.024	
			Acenaphthylene	ND	mg/Kg	0.035	0.023	
			Anthracene	ND	mg/Kg	0.035	0.023	
			Benzo(a)anthracene	ND	mg/Kg	0.035	0.019	
			Benzo(a)pyrene	ND	mg/Kg	0.035	0.017	
			Benzo(b)fluoranthene	ND	mg/Kg	0.035	0.023	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.035	0.019	
			Benzo(k)fluoranthene	ND	mg/Kg	0.035	0.017	
			Chrysene	ND	mg/Kg	0.035	0.016	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.035	0.017	
			Dibenzofuran	ND	mg/Kg	0.035	0.035	
			Fluoranthene	ND	mg/Kg	0.035	0.018	
			Fluorene	ND	mg/Kg	0.035	0.026	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.035	0.024	
			Naphthalene	ND	mg/Kg	0.035	0.033	
			Phenanthrene	ND	mg/Kg	0.035	0.023	
			Pyrene	ND	mg/Kg	0.035	0.02	
		DU	Total Organic Carbon (TOC)	18	ERCEN	0.005	0.005	
		E160.3	Total Solids	9.97	ERCEN	0.01	0.01	
		E200.8	Arsenic	6	mg/Kg	1	0.2	
		SW6010B	Aluminum	15300	mg/Kg	10	7	
			Antimony	ND	mg/Kg	30	9	
			Barium	71	mg/Kg	2	0.2	
			Beryllium	1.6	mg/Kg	0.6	0.2	
			Cadmium	ND	mg/Kg	1	0.5	
			Calcium	4940	mg/Kg	30	0.2	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD114	Sediment	SW6010B	Chromium	16	mg/Kg	3	0.8	
			Cobalt	5	mg/Kg	2	0.4	
			Copper	16	mg/Kg	1	1	
			Iron	13000	mg/Kg	10	4	
			Lead	40	mg/Kg	10	4	
			Magnesium	2920	mg/Kg	10	5	
			Manganese	247	mg/Kg	0.6	0.2	
			Nickel	10	mg/Kg	6	2	
			Potassium	650	mg/Kg	310	200	
			Selenium	ND	mg/Kg	30	6	
			Silver	ND	mg/Kg	2	0.4	
			Sodium	240	mg/Kg	30	9	
			Thallium	ND	mg/Kg	30	4	
			Vanadium	24	mg/Kg	2	1	
			Zinc	38	mg/Kg	4	2	
		SW7471A	Mercury	ND	mg/Kg	0.3	0.09	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.2	0.0521	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.39	0.0624	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.2	0.0269	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.2	0.0318	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.2	0.0209	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.2	0.063	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.2	0.0511	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.44	0.18	
			1,1,1-Trichloroethane	ND	mg/Kg	0.44	0.12	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.44	0.29	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/Kg	0.44	0.1	
			1,1,2-Trichloroethane	ND	mg/Kg	0.44	0.12	
			1,1-Dichloroethane	ND	mg/Kg	0.44	0.16	
			1,1-Dichloroethene	ND	mg/Kg	0.44	0.14	
			1,1-Dichloropropene	ND	mg/Kg	0.44	0.13	
			1,2,3-Trichlorobenzene	ND	mg/Kg	2.2	0.2	
			1,2,3-Trichloropropane	ND	mg/Kg	0.88	0.26	
			1,2,4-Trichlorobenzene	ND	mg/Kg	2.2	0.19	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.44	0.17	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	2.2	0.32	
			1,2-Dibromoethane	ND	mg/Kg	0.44	0.13	
			1,2-Dichlorobenzene	ND	mg/Kg	0.44	0.19	
			1,2-Dichloroethane	ND	mg/Kg	0.44	0.093	
			1,2-Dichloropropane	ND	mg/Kg	0.44	0.1	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.44	0.18	
			1,3-Dichlorobenzene	ND	mg/Kg	0.44	0.16	
			1,3-Dichloropropane	ND	mg/Kg	0.44	0.18	
			1,4-Dichlorobenzene	ND	mg/Kg	0.44	0.17	
			2,2-Dichloropropane	ND	mg/Kg	0.44	0.15	
			2-Butanone	ND	mg/Kg	2.2	2	
			2-Chloroethyl vinyl ether	ND	mg/Kg	2.2	0.19	
			2-Chlorotoluene	ND	mg/Kg	0.44	0.27	
			2-Hexanone	ND	mg/Kg	2.2	1.7	
			4-Chlorotoluene	ND	mg/Kg	0.44	0.17	
			4-Isopropyltoluene	ND	mg/Kg	0.44	0.17	
			4-Methyl-2-pentanone	ND	mg/Kg	2.2	1.4	
			Acetone	ND	mg/Kg	2.2	2.1	
			Acrolein	ND	mg/Kg	22	2.8	
			Acrylamide	ND	mg/Kg	2.2	0.32	
			Benzene	ND	mg/Kg	0.44	0.11	
			Bromobenzene	ND	mg/Kg	0.44	0.18	
			Bromochloromethane	ND	mg/Kg	0.44	0.16	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD114	Sediment	SW8260	Bromodichloromethane	ND	mg/Kg	0.44	0.071	
			Bromoethane	ND	mg/Kg	0.88	0.19	
			Bromoform	ND	mg/Kg	0.44	0.14	
			Bromomethane	ND	mg/Kg	0.44	0.29	
			Carbon disulfide	ND	mg/Kg	0.44	0.13	
			Carbon tetrachloride	ND	mg/Kg	0.44	0.1	
			Chlorobenzene	ND	mg/Kg	0.44	0.15	
			Chloroethane	ND	mg/Kg	0.44	0.15	
			Chloroform	ND	mg/Kg	0.44	0.12	
			Chloromethane	ND	mg/Kg	0.44	0.12	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.44	0.12	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.44	0.1	
			Dibromochloromethane	ND	mg/Kg	0.44	0.12	
			Dibromomethane	ND	mg/Kg	0.44	0.12	
			Ethylbenzene	ND	mg/Kg	0.44	0.16	
			Hexachlorobutadiene	ND	mg/Kg	2.2	0.59	
			Isopropylbenzene	ND	mg/Kg	0.44	0.19	
			m,p-Xylene (sum)	ND	mg/Kg	0.44	0.33	
			Methyl iodide	ND	mg/Kg	0.44	0.19	
			Methylene chloride	ND	mg/Kg	1.3	0.99	
			Naphthalene	ND	mg/Kg	2.2	0.32	
			n-Butylbenzene	ND	mg/Kg	0.88	0.19	
			n-Propylbenzene	ND	mg/Kg	0.44	0.17	
			o-Xylene	ND	mg/Kg	0.44	0.14	
			sec-Butylbenzene	ND	mg/Kg	0.44	0.22	
			Styrene	ND	mg/Kg	0.44	0.12	
			tert-Butylbenzene	ND	mg/Kg	0.44	0.19	
			Tetrachloroethene	ND	mg/Kg	0.44	0.23	
			Toluene	ND	mg/Kg	0.44	0.14	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.44	0.14	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.44	0.097	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	2.2	0.17	
			Trichloroethene	ND	mg/Kg	0.44	0.16	
			Trichlorofluoromethane	ND	mg/Kg	0.44	0.17	
			Vinyl acetate	ND	mg/Kg	2.2	0.3	
			Vinyl chloride	ND	mg/Kg	0.44	0.15	
01NE09SD213	Sediment	AK102	DRO	120	mg/Kg	8.1	1.5	
		AK103	RRO	680	mg/Kg	16	16	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.019	0.019	
			Acenaphthene	ND	mg/Kg	0.019	0.013	
			Acenaphthylene	ND	mg/Kg	0.019	0.013	
			Anthracene	ND	mg/Kg	0.019	0.013	
			Benzo(a)anthracene	ND	mg/Kg	0.019	0.011	
			Benzo(a)pyrene	ND	mg/Kg	0.019	0.0094	
			Benzo(b)fluoranthene	ND	mg/Kg	0.019	0.013	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.019	0.011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.019	0.0096	
			Chrysene	ND	mg/Kg	0.019	0.0091	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.019	0.0094	
			Dibenzofuran	ND	mg/Kg	0.019	0.019	
			Fluoranthene	ND	mg/Kg	0.019	0.0099	
			Fluorene	ND	mg/Kg	0.019	0.015	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.019	0.013	
			Naphthalene	ND	mg/Kg	0.019	0.018	
			Phenanthrene	ND	mg/Kg	0.019	0.013	
			Pyrene	ND	mg/Kg	0.019	0.011	
		E200.8	Arsenic	7.2	mg/Kg	0.9	0.2	
		SW6010B	Aluminum	17400	mg/Kg	10	7	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD213	Sediment	SW6010B	Antimony	ND	mg/Kg	30	9	
			Barium	92	mg/Kg	2	0.2	
			Beryllium	3.3	mg/Kg	0.6	0.2	
			Cadmium	ND	mg/Kg	1	0.5	
			Calcium	3540	mg/Kg	30	0.2	
			Chromium	21	mg/Kg	3	0.8	
			Cobalt	6	mg/Kg	2	0.4	
			Copper	25	mg/Kg	1	1	
			Iron	22500	mg/Kg	10	4	
			Lead	340	mg/Kg	10	4	
			Magnesium	3390	mg/Kg	10	5	
			Manganese	132	mg/Kg	0.6	0.2	
			Nickel	10	mg/Kg	6	2	
			Potassium	1120	mg/Kg	310	200	
			Selenium	ND	mg/Kg	30	6	
			Silver	ND	mg/Kg	2	0.4	
			Sodium	290	mg/Kg	30	9	
			Thallium	ND	mg/Kg	30	4	
			Vanadium	41	mg/Kg	2	1	
			Zinc	58	mg/Kg	4	2	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.0288	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0345	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.0149	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0176	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0115	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0348	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0282	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.098	0.039	
			1,1,1-Trichloroethane	ND	mg/Kg	0.098	0.026	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.098	0.065	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/Kg	0.098	0.023	
			1,1,2-Trichloroethane	ND	mg/Kg	0.098	0.027	
			1,1-Dichloroethane	ND	mg/Kg	0.098	0.035	
			1,1-Dichloroethene	ND	mg/Kg	0.098	0.03	
			1,1-Dichloropropene	ND	mg/Kg	0.098	0.028	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.49	0.045	
			1,2,3-Trichloropropane	ND	mg/Kg	0.2	0.057	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.49	0.043	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.098	0.037	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.49	0.07	
			1,2-Dibromoethane	ND	mg/Kg	0.098	0.029	
			1,2-Dichlorobenzene	ND	mg/Kg	0.098	0.042	
			1,2-Dichloroethane	ND	mg/Kg	0.098	0.021	
			1,2-Dichloropropane	ND	mg/Kg	0.098	0.023	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.098	0.04	
			1,3-Dichlorobenzene	ND	mg/Kg	0.098	0.035	
			1,3-Dichloropropane	ND	mg/Kg	0.098	0.039	
			1,4-Dichlorobenzene	ND	mg/Kg	0.098	0.038	
			2,2-Dichloropropane	ND	mg/Kg	0.098	0.034	
			2-Butanone	ND	mg/Kg	0.49	0.45	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.49	0.043	
			2-Chlorotoluene	ND	mg/Kg	0.098	0.061	
			2-Hexanone	ND	mg/Kg	0.49	0.38	
			4-Chlorotoluene	ND	mg/Kg	0.098	0.037	
			4-Isopropyltoluene	ND	mg/Kg	0.098	0.038	
			4-Methyl-2-pentanone	ND	mg/Kg	0.49	0.3	
			Acetone	0.58	mg/Kg	0.49	0.45	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SD213	Sediment	SW8260	Acrolein	ND	mg/Kg	4.9	0.62	
			Acrylamide	ND	mg/Kg	0.49	0.071	
			Benzene	ND	mg/Kg	0.098	0.024	
			Bromobenzene	ND	mg/Kg	0.098	0.039	
			Bromochloromethane	ND	mg/Kg	0.098	0.035	
			Bromodichloromethane	ND	mg/Kg	0.098	0.016	
			Bromoethane	ND	mg/Kg	0.2	0.041	
			Bromoform	ND	mg/Kg	0.098	0.03	
			Bromomethane	ND	mg/Kg	0.098	0.064	
			Carbon disulfide	ND	mg/Kg	0.098	0.028	
			Carbon tetrachloride	ND	mg/Kg	0.098	0.023	
			Chlorobenzene	ND	mg/Kg	0.098	0.033	
			Chloroethane	ND	mg/Kg	0.098	0.033	
			Chloroform	ND	mg/Kg	0.098	0.027	
			Chloromethane	ND	mg/Kg	0.098	0.026	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.098	0.027	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.098	0.023	
			Dibromochloromethane	ND	mg/Kg	0.098	0.026	
			Dibromomethane	ND	mg/Kg	0.098	0.026	
			Ethylbenzene	ND	mg/Kg	0.098	0.036	
			Hexachlorobutadiene	ND	mg/Kg	0.49	0.13	
			Isopropylbenzene	ND	mg/Kg	0.098	0.041	
			m,p-Xylene (sum)	ND	mg/Kg	0.098	0.072	
			Methyl iodide	ND	mg/Kg	0.098	0.043	
			Methylene chloride	ND	mg/Kg	0.29	0.22	
			Naphthalene	ND	mg/Kg	0.49	0.07	
			n-Butylbenzene	ND	mg/Kg	0.2	0.042	
			n-Propylbenzene	ND	mg/Kg	0.098	0.037	
			o-Xylene	ND	mg/Kg	0.098	0.031	
			sec-Butylbenzene	ND	mg/Kg	0.098	0.048	
			Styrene	ND	mg/Kg	0.098	0.027	
			tert-Butylbenzene	ND	mg/Kg	0.098	0.043	
			Tetrachloroethene	ND	mg/Kg	0.098	0.05	
			Toluene	ND	mg/Kg	0.098	0.03	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.098	0.03	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.098	0.022	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.49	0.037	
			Trichloroethene	ND	mg/Kg	0.098	0.036	
			Trichlorofluoromethane	ND	mg/Kg	0.098	0.038	
			Vinyl acetate	ND	mg/Kg	0.49	0.067	
			Vinyl chloride	ND	mg/Kg	0.098	0.034	
01NE09SS171	Surface soil	AK101	GRO	ND	mg/Kg	5	0.865	
		SW8260 SIM	Benzene	ND	mg/Kg	0.0025	0.0025	
			Ethylbenzene	ND	mg/Kg	0.0025	0.0012	
			m,p-Xylene (sum)	ND	mg/Kg	0.005	0.005	
			o-Xylene	ND	mg/Kg	0.0025	0.0021	
			Toluene	0.009	mg/Kg	0.0025	0.0024	
01NE09SW107	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW107	Surface Water	SW8270 SIM	Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.05	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.74	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.12	mg/L	0.02	0.0063	
			Magnesium	0.85	mg/L	0.02	0.0084	
			Manganese	0.006	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW107	Surface Water	SW8260	1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SW108	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW108	Surface Water	SW8270 SIM	Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.13	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.65	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.31	mg/L	0.02	0.0063	
			Magnesium	0.85	mg/L	0.02	0.0084	
			Manganese	0.008	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.02	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW108	Surface Water	SW8260	1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW108	Surface Water	SW8260	Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SW109	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.1	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.02	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	2.95	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	0.004	mg/L	0.002	0.002	
			Iron	1.15	mg/L	0.02	0.0063	
			Magnesium	0.82	mg/L	0.02	0.0084	
			Manganese	0.012	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.04	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.06	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	0.006	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW109	Surface Water	SW8260	1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW109	Surface Water	SW8260	trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SW110	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.19	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.006	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.67	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.55	mg/L	0.02	0.0063	
			Magnesium	0.84	mg/L	0.02	0.0084	
			Manganese	0.009	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.21	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW110	Surface Water	SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW110	Surface Water	SW8260	o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SW111	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.23	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.006	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.01	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	1.54	mg/L	0.02	0.0063	
			Magnesium	0.95	mg/L	0.02	0.0084	
			Manganese	0.029	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	1.02	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.37	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.011	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW111	Surface Water	SW8082	PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
		SW8260	PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
			1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW111	Surface Water	SW8260	m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SW112	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8021	Benzene	ND	mg/L	0.001	0.0002	
		SW8021	Ethylbenzene	ND	mg/L	0.001	0.00019	
		SW8021	m,p-Xylene (sum)	ND	mg/L	0.001	0.00021	
		SW8021	o-Xylene	ND	mg/L	0.001	0.00015	
		SW8021	Toluene	ND	mg/L	0.001	0.0002	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.04	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.75	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.2	mg/L	0.02	0.0063	
			Magnesium	0.86	mg/L	0.02	0.0084	
			Manganese	0.012	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW112	Surface Water	SW6010B	Potassium	0.52	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.29	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW112	Surface Water	SW8260	Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09SW207	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	0.08	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.78	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW207	Surface Water	SW6010B	Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.15	mg/L	0.02	0.0063	
			Magnesium	0.88	mg/L	0.02	0.0084	
			Manganese	0.006	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.08	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09SW207	Surface Water	SW8260	Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE09WP102	Ground Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	0.93	mg/L	0.25	0.02	
		AK103	RRO	4.2	mg/L	0.5	0.5	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		SW6010B	Aluminum	48.9	mg/L	0.02	0.012	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09WP102	Ground Water	SW6010B	Antimony	ND	mg/L	0.05	0.014	
			Barium	0.271	mg/L	0.003	0.0004	
			Beryllium	0.004	mg/L	0.001	0.0003	
			Cadmium	0.002	mg/L	0.002	0.00084	
			Calcium	7.97	mg/L	0.05	0.0003	
			Chromium	0.075	mg/L	0.005	0.0013	
			Cobalt	0.012	mg/L	0.003	0.0006	
			Copper	0.046	mg/L	0.002	0.002	
			Iron	77.3	mg/L	0.02	0.0063	
			Magnesium	8.57	mg/L	0.02	0.0084	
			Manganese	0.326	mg/L	0.001	0.0003	
			Nickel	0.11	mg/L	0.01	0.0034	
			Potassium	2.99	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	9.09	mg/L	0.05	0.015	
			Vanadium	0.097	mg/L	0.003	0.0017	
			Zinc	0.419	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.012	mg/L	0.001	0.00054	
		SW7421	Lead	0.056	mg/L	0.005	0.0043	
		SW7470A	Mercury	0.0002	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	

**Summary of Analytical Results Site 9
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE09WP102	Ground Water	SW8260	Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the associated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitation is an estimation.
VQQ - The practical quantitation limit is approximate due to QC or matrix effects.

**Summary of Analytical Results Site 14
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Results	Units	MRL	MDL	Qualifier
01NE14SS101	Surface soil	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.36	0.0971	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.73	0.116	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.36	0.0502	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.36	0.0593	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.36	0.0389	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.36	0.117	
			PCB-1260 (Aroclor 1260)	3.6	mg/Kg	0.36	0.0953	
01NE14SS102	Surface soil	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.00978	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.073	0.0117	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.00505	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.00597	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.00392	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.037	0.0118	
			PCB-1260 (Aroclor 1260)	19	mg/Kg	0.73	0.192	
01NE14SS103	Surface soil	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.0099	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.074	0.0119	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.00512	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.00604	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.00397	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.037	0.012	
			PCB-1260 (Aroclor 1260)	0.2	mg/Kg	0.037	0.00971	
01NE14SS203	Surface soil	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.00993	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.074	0.0119	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.00513	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.00607	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.00398	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.037	0.012	
			PCB-1260 (Aroclor 1260)	0.3	mg/Kg	0.037	0.00975	

Key:
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
PCB - polychlorinated biphenyls

**Summary of Analytical Results Site 16
2001 Sampling Event**

Sample ID	Matrix	Method	analyte	Result	Units	MRL	MDL	Qualifier
01NE16GW101	Ground Water MW 16-1	SW8270	1,2,4-Trichlorobenzene	ND	mg/L	0.001	0.00016	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00017	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00016	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.00022	
			2,4,5-Trichlorophenol	ND	mg/L	0.005	0.00028	
			2,4,6-Trichlorophenol	ND	mg/L	0.005	0.00025	
			2,4-Dichlorophenol	ND	mg/L	0.003	0.00025	
			2,4-Dimethylphenol	ND	mg/L	0.003	0.00081	
			2,4-Dinitrophenol	ND	mg/L	0.01	0.01	
			2,4-Dinitrotoluene	ND	mg/L	0.005	0.00026	
			2,6-Dinitrotoluene	ND	mg/L	0.005	0.00022	
			2-Chloronaphthalene	ND	mg/L	0.001	0.00019	
			2-Chlorophenol	ND	mg/L	0.001	0.00033	
			2-Methyl-4,6-dinitrophenol	ND	mg/L	0.01	0.00819	
			2-Methylnaphthalene	ND	mg/L	0.001	0.00017	
			2-Methylphenol (o-Cresol)	ND	mg/L	0.001	0.00031	
			2-Nitroaniline	ND	mg/L	0.005	0.00039	
			2-Nitrophenol	ND	mg/L	0.005	0.0002	
			3,3'-Dichlorobenzidine	ND	mg/L	0.005	0.00114	
			3-Nitroaniline	ND	mg/L	0.006	0.00048	
			4-Bromophenyl phenyl ether	ND	mg/L	0.001	0.00022	
			4-Chloro-3-methylphenol	ND	mg/L	0.002	0.00075	
			4-Chloroaniline	ND	mg/L	0.003	0.0008	
			4-Chlorophenyl phenyl ether	ND	mg/L	0.001	0.0002	
			4-Methylphenol (p-Cresol)	ND	mg/L	0.001	0.00034	
			4-Nitroaniline	ND	mg/L	0.005	0.00042	
			4-Nitrophenol	ND	mg/L	0.005	0.00092	
			Acenaphthene	ND	mg/L	0.001	0.00012	
			Acenaphthylene	ND	mg/L	0.001	0.00011	
			Anthracene	ND	mg/L	0.001	0.00024	
			Benzo(a)anthracene	ND	mg/L	0.001	0.00018	
			Benzo(a)pyrene	ND	mg/L	0.001	0.00018	
			Benzo(b)fluoranthene	ND	mg/L	0.001	0.00045	
			Benzo(g,h,i)perylene	ND	mg/L	0.001	0.00025	
			Benzo(k)fluoranthene	ND	mg/L	0.001	0.00033	
			Benzoic acid	ND	mg/L	0.01	0.01	
			Benzyl alcohol	ND	mg/L	0.005	0.0002	
			Benzyl butyl phthalate	ND	mg/L	0.001	0.00026	
			bis-(2-chloroethoxy)methane	ND	mg/L	0.001	0.00018	
			bis-(2-Chloroethyl)ether	ND	mg/L	0.002	0.00023	
			bis(2-Chloroisopropyl)ether	ND	mg/L	0.001	0.00026	
			bis-(2-ethylhexyl)phthalate	0.003	mg/L	0.001	0.00025	VB
			Carbazole	ND	mg/L	0.001	0.0002	
			Chrysene	ND	mg/L	0.001	0.00024	
			Dibenzo(a,h)anthracene	ND	mg/L	0.001	0.00016	
			Dibenzofuran	ND	mg/L	0.001	0.00017	
			Diethyl phthalate	ND	mg/L	0.001	0.00014	
			Dimethyl phthalate	ND	mg/L	0.001	0.00011	
			Di-n-butyl phthalate	ND	mg/L	0.001	0.00019	
			Di-n-octyl phthalate	ND	mg/L	0.001	0.00024	
			Fluoranthene	ND	mg/L	0.001	0.00018	
			Fluorene	ND	mg/L	0.001	0.00015	
			Hexachlorobenzene	ND	mg/L	0.001	0.0002	
			Hexachlorobutadiene	ND	mg/L	0.002	0.00021	
			Hexachlorocyclopentadiene	ND	mg/L	0.005	0.00054	
			Hexachloroethane	ND	mg/L	0.002	0.00015	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.001	0.00028	

**Summary of Analytical Results Site 16
2001 Sampling Event**

Sample ID	Matrix	Method	analyte	Result	Units	MRL	MDL	Qualifier
01NE16GW101	Ground Water MW 16-1	SW8270	Isophorone	ND	mg/L	0.001	0.00014	
			Naphthalene	ND	mg/L	0.001	0.00013	
			Nitrobenzene	ND	mg/L	0.001	0.00017	
			n-Nitrosodi-n-propylamine	ND	mg/L	0.002	0.00019	
			n-Nitrosodiphenylamine	ND	mg/L	0.001	0.0002	
			Pentachlorophenol	ND	mg/L	0.005	0.00302	
			Phenanthrene	ND	mg/L	0.001	0.00017	
			Phenol	ND	mg/L	0.002	0.00018	
			Pyrene	ND	mg/L	0.001	0.00023	
01NE16GW102	Ground Water MW 16-2	SW8270	1,2,4-Trichlorobenzene	ND	mg/L	0.001	0.00016	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00017	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00016	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.00022	
			2,4,5-Trichlorophenol	ND	mg/L	0.005	0.00028	
			2,4,6-Trichlorophenol	ND	mg/L	0.005	0.00025	
			2,4-Dichlorophenol	ND	mg/L	0.003	0.00025	
			2,4-Dimethylphenol	ND	mg/L	0.003	0.00081	
			2,4-Dinitrophenol	ND	mg/L	0.01	0.01	
			2,4-Dinitrotoluene	ND	mg/L	0.005	0.00026	
			2,6-Dinitrotoluene	ND	mg/L	0.005	0.00022	
			2-Chloronaphthalene	ND	mg/L	0.001	0.00019	
			2-Chlorophenol	ND	mg/L	0.001	0.00033	
			2-Methyl-4,6-dinitrophenol	ND	mg/L	0.01	0.00819	
			2-Methylnaphthalene	ND	mg/L	0.001	0.00017	
			2-Methylphenol (o-Cresol)	ND	mg/L	0.001	0.00031	
			2-Nitroaniline	ND	mg/L	0.005	0.00039	
			2-Nitrophenol	ND	mg/L	0.005	0.0002	
			3,3'-Dichlorobenzidine	ND	mg/L	0.005	0.00114	
			3-Nitroaniline	ND	mg/L	0.006	0.00048	
			4-Bromophenyl phenyl ether	ND	mg/L	0.001	0.00022	
			4-Chloro-3-methylphenol	ND	mg/L	0.002	0.00075	
			4-Chloroaniline	ND	mg/L	0.003	0.0008	
			4-Chlorophenyl phenyl ether	ND	mg/L	0.001	0.0002	
			4-Methylphenol (p-Cresol)	ND	mg/L	0.001	0.00034	
			4-Nitroaniline	ND	mg/L	0.005	0.00042	
			4-Nitrophenol	ND	mg/L	0.005	0.00092	
			Acenaphthene	ND	mg/L	0.001	0.00012	
			Acenaphthylene	ND	mg/L	0.001	0.00011	
			Anthracene	ND	mg/L	0.001	0.00024	
			Benzo(a)anthracene	ND	mg/L	0.001	0.00018	
			Benzo(a)pyrene	ND	mg/L	0.001	0.00018	
			Benzo(b)fluoranthene	ND	mg/L	0.001	0.00045	
			Benzo(g,h,i)perylene	ND	mg/L	0.001	0.00025	
			Benzo(k)fluoranthene	ND	mg/L	0.001	0.00033	
			Benzoic acid	ND	mg/L	0.01	0.01	
			Benzyl alcohol	ND	mg/L	0.005	0.0002	
			Benzyl butyl phthalate	ND	mg/L	0.001	0.00026	
			bis-(2-chloroethoxy)methane	ND	mg/L	0.001	0.00018	
			bis-(2-Chloroethyl)ether	ND	mg/L	0.002	0.00023	
			bis(2-Chloroisopropyl)ether	ND	mg/L	0.001	0.00026	
			bis-(2-ethylhexyl)phthalate	0.001	mg/L	0.001	0.00025	VB
			Carbazole	ND	mg/L	0.001	0.0002	
			Chrysene	ND	mg/L	0.001	0.00024	
			Dibenzo(a,h)anthracene	ND	mg/L	0.001	0.00016	
			Dibenzofuran	ND	mg/L	0.001	0.00017	
			Diethyl phthalate	ND	mg/L	0.001	0.00014	
			Dimethyl phthalate	ND	mg/L	0.001	0.00011	

**Summary of Analytical Results Site 16
2001 Sampling Event**

Sample ID	Matrix	Method	analyte	Result	Units	MRL	MDL	Qualifier
01NE16GW102	Ground Water	SW8270	Di-n-butyl phthalate	ND	mg/L	0.001	0.00019	
			Di-n-octyl phthalate	ND	mg/L	0.001	0.00024	
			Fluoranthene	ND	mg/L	0.001	0.00018	
			Fluorene	ND	mg/L	0.001	0.00015	
			Hexachlorobenzene	ND	mg/L	0.001	0.0002	
			Hexachlorobutadiene	ND	mg/L	0.002	0.00021	
			Hexachlorocyclopentadiene	ND	mg/L	0.005	0.00054	
			Hexachloroethane	ND	mg/L	0.002	0.00015	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.001	0.00028	
			Isophorone	ND	mg/L	0.001	0.00014	
			Naphthalene	ND	mg/L	0.001	0.00013	
			Nitrobenzene	ND	mg/L	0.001	0.00017	
			n-Nitrosodi-n-propylamine	ND	mg/L	0.002	0.00019	
			n-Nitrosodiphenylamine	ND	mg/L	0.001	0.0002	
			Pentachlorophenol	ND	mg/L	0.005	0.00302	
			Phenanthrene	ND	mg/L	0.001	0.00017	
			Phenol	ND	mg/L	0.002	0.00018	
			Pyrene	ND	mg/L	0.001	0.00023	
01NE16GW103	Ground Water	8270SIM	2-Methylnaphthalene	ND	mg/L	5E-05	0.00005	
			Acenaphthene	5E-05	mg/L	5E-05	0.00004	
			Acenaphthylene	ND	mg/L	5E-05	0.00005	
			Anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)anthracene	ND	mg/L	5E-05	0.00002	
			Benzo(a)pyrene	ND	mg/L	5E-05	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	5E-05	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	5E-05	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	5E-05	0.00002	
			Chrysene	ND	mg/L	5E-05	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	5E-05	0.00005	
			Dibenzofuran	ND	mg/L	5E-05	0.00005	
			Fluoranthene	ND	mg/L	5E-05	0.00005	
			Fluorene	8E-05	mg/L	5E-05	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	5E-05	0.00004	
			Naphthalene	0.002	mg/L	5E-05	0.00005	
			Phenanthrene	ND	mg/L	5E-05	0.00004	
			Pyrene	ND	mg/L	5E-05	0.00005	
01NE16GW201	Ground Water FD MW16-1	SW8270	1,2,4-Trichlorobenzene	ND	mg/L	0.001	0.00016	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00017	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00016	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.00022	
			2,4,5-Trichlorophenol	ND	mg/L	0.005	0.00028	
			2,4,6-Trichlorophenol	ND	mg/L	0.005	0.00025	
			2,4-Dichlorophenol	ND	mg/L	0.003	0.00025	
			2,4-Dimethylphenol	ND	mg/L	0.003	0.00081	
			2,4-Dinitrophenol	ND	mg/L	0.01	0.01	
			2,4-Dinitrotoluene	ND	mg/L	0.005	0.00026	
			2,6-Dinitrotoluene	ND	mg/L	0.005	0.00022	
			2-Chloronaphthalene	ND	mg/L	0.001	0.00019	
			2-Chlorophenol	ND	mg/L	0.001	0.00033	
			2-Methyl-4,6-dinitrophenol	ND	mg/L	0.01	0.00819	
			2-Methylnaphthalene	ND	mg/L	0.001	0.00017	
			2-Methylphenol (o-Cresol)	ND	mg/L	0.001	0.00031	
			2-Nitroaniline	ND	mg/L	0.005	0.00039	
			2-Nitrophenol	ND	mg/L	0.005	0.0002	
			3,3'-Dichlorobenzidine	ND	mg/L	0.005	0.00114	
			3-Nitroaniline	ND	mg/L	0.006	0.00048	
			4-Bromophenyl phenyl ether	ND	mg/L	0.001	0.00022	

Summary of Analytical Results Site 16
2001 Sampling Event

Sample ID	Matrix	Method	analyte	Result	Units	MRL	MDL	Qualifier
01NE16GW201	Ground Water FD MW16-1	SW8270	4-Chloro-3-methylphenol	ND	mg/L	0.002	0.00075	
			4-Chloroaniline	ND	mg/L	0.003	0.0008	
			4-Chlorophenyl phenyl ether	ND	mg/L	0.001	0.0002	
			4-Methylphenol (p-Cresol)	ND	mg/L	0.001	0.00034	
			4-Nitroaniline	ND	mg/L	0.005	0.00042	
			4-Nitrophenol	ND	mg/L	0.005	0.00092	
			Acenaphthene	ND	mg/L	0.001	0.00012	
			Acenaphthylene	ND	mg/L	0.001	0.00011	
			Anthracene	ND	mg/L	0.001	0.00024	
			Benzo(a)anthracene	ND	mg/L	0.001	0.00018	
			Benzo(a)pyrene	ND	mg/L	0.001	0.00018	
			Benzo(b)fluoranthene	ND	mg/L	0.001	0.00045	
			Benzo(g,h,i)perylene	ND	mg/L	0.001	0.00025	
			Benzo(k)fluoranthene	ND	mg/L	0.001	0.00033	
			Benzoic acid	ND	mg/L	0.01	0.01	
			Benzyl alcohol	ND	mg/L	0.005	0.0002	
			Benzyl butyl phthalate	ND	mg/L	0.001	0.00026	
			bis-(2-chloroethoxy)methane	ND	mg/L	0.001	0.00018	
			bis-(2-Chloroethyl)ether	ND	mg/L	0.002	0.00023	
			bis(2-Chloroisopropyl)ether	ND	mg/L	0.001	0.00026	
			bis-(2-ethylhexyl)phthalate	0.002	mg/L	0.001	0.00025	VB
			Carbazole	ND	mg/L	0.001	0.0002	
			Chrysene	ND	mg/L	0.001	0.00024	
			Dibenzo(a,h)anthracene	ND	mg/L	0.001	0.00016	
			Dibenzofuran	ND	mg/L	0.001	0.00017	
			Diethyl phthalate	ND	mg/L	0.001	0.00014	
			Dimethyl phthalate	ND	mg/L	0.001	0.00011	
			Di-n-butyl phthalate	ND	mg/L	0.001	0.00019	
			Di-n-octyl phthalate	ND	mg/L	0.001	0.00024	
			Fluoranthene	ND	mg/L	0.001	0.00018	
			Fluorene	ND	mg/L	0.001	0.00015	
			Hexachlorobenzene	ND	mg/L	0.001	0.0002	
			Hexachlorobutadiene	ND	mg/L	0.002	0.00021	
			Hexachlorocyclopentadiene	ND	mg/L	0.005	0.00054	
			Hexachloroethane	ND	mg/L	0.002	0.00015	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.001	0.00028	
			Isophorone	ND	mg/L	0.001	0.00014	
			Naphthalene	ND	mg/L	0.001	0.00013	
			Nitrobenzene	ND	mg/L	0.001	0.00017	
			n-Nitrosodi-n-propylamine	ND	mg/L	0.002	0.00019	
			n-Nitrosodiphenylamine	ND	mg/L	0.001	0.0002	
			Pentachlorophenol	ND	mg/L	0.005	0.00302	
			Phenanthrene	ND	mg/L	0.001	0.00017	
			Phenol	ND	mg/L	0.002	0.00018	
			Pyrene	ND	mg/L	0.001	0.00023	
01NE16SS165	Surface soil	SW6010B	Lead	205	mg/Kg	2	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.00999	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.075	0.012	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.00516	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.0061	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.004	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.037	0.0121	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.037	0.0098	
01NE16SS166	Surface soil	SW6010B	Lead	42	mg/Kg	2	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.041	0.0109	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.082	0.0131	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.041	0.00563	

**Summary of Analytical Results Site 16
2001 Sampling Event**

Sample ID	Matrix	Method	analyte	Result	Units	MRL	MDL	Qualifier
01NE16SS166	Surface soil	SW8082	PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.041	0.00665	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.041	0.00437	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.041	0.0132	
			PCB-1260 (Aroclor 1260)	0.062	mg/Kg	0.041	0.0107	
01NE16SS167	Surface soil	SW8081	4,4'-DDD	ND	mg/Kg	0.0037	0.00017	
			4,4'-DDE	ND	mg/Kg	0.0037	0.00014	
			4,4'-DDT	0.011	mg/Kg	0.0037	0.00025	
			Aldrin	ND	mg/Kg	0.0018	0.000066	
			alpha-BHC	ND	mg/Kg	0.0018	0.000099	
			alpha-Chlordane	ND	mg/Kg	0.0018	0.000055	
			beta-BHC	ND	mg/Kg	0.0018	0.00011	
			delta-BHC	ND	mg/Kg	0.0018	0.000081	
			Dieldrin	ND	mg/Kg	0.0037	0.00011	
			Endosulfan I	ND	mg/Kg	0.0018	0.000099	
			Endosulfan II	ND	mg/Kg	0.0037	0.00023	
			Endosulfan sulfate	ND	mg/Kg	0.0037	0.00031	
			Endrin	ND	mg/Kg	0.0037	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.0037	0.00021	
			Endrin ketone	ND	mg/Kg	0.0037	0.00038	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0018	0.000077	
			gamma-Chlordane	ND	mg/Kg	0.0018	0.00007	
			Heptachlor	ND	mg/Kg	0.0018	0.000081	
			Heptachlor epoxide	ND	mg/Kg	0.0018	0.000081	
			Methoxychlor	ND	mg/Kg	0.018	0.0011	
			Toxaphene	ND	mg/Kg	0.18	0.0083	
01NE16SS168	Surface soil	SW8081	4,4'-DDD	0.006	mg/Kg	0.0038	0.00017	
			4,4'-DDE	0.005	mg/Kg	0.0038	0.00015	
			4,4'-DDT	0.12	mg/Kg	0.019	0.0013	
			Aldrin	ND	mg/Kg	0.0019	0.000069	
			alpha-BHC	ND	mg/Kg	0.0019	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0019	0.000057	
			beta-BHC	ND	mg/Kg	0.0019	0.00011	
			delta-BHC	ND	mg/Kg	0.0019	0.000084	
			Dieldrin	ND	mg/Kg	0.0038	0.00011	
			Endosulfan I	0.003	mg/Kg	0.0019	0.0001	
			Endosulfan II	ND	mg/Kg	0.0038	0.00024	
			Endosulfan sulfate	ND	mg/Kg	0.0038	0.00032	
			Endrin	ND	mg/Kg	0.0038	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.0064	0.00022	
			Endrin ketone	ND	mg/Kg	0.0038	0.00039	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0019	0.00008	
			gamma-Chlordane	ND	mg/Kg	0.0019	0.000073	
			Heptachlor	ND	mg/Kg	0.0019	0.000084	
			Heptachlor epoxide	ND	mg/Kg	0.0019	0.000084	
			Methoxychlor	ND	mg/Kg	0.019	0.0011	
			Toxaphene	ND	mg/Kg	0.19	0.0086	
01NE16SS265	Surface soil FDSS165	SW6010B	Lead	240	mg/Kg	2	0.7	

Key:
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
SIM - selected ion monitoring
VB - The analyte was detected in the associated blank and the sample indicating possible contamination.

**Summary of Analytical Results Site 21
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE21SB169	Surface soil Depth 1.5 to 2 feet bgs	SW8260 SIM	Benzene	ND	mg/L	0.0041	0.0041	
			Ethylbenzene	0.0067	mg/L	0.0041	0.002	
			m,p-Xylene (sum)	0.021	mg/L	0.0082	0.0082	
			o-Xylene	0.0063	mg/L	0.0041	0.0035	
			Toluene	0.024	mg/L	0.0041	0.0039	
		AK101	GRO	ND	mg/Kg	5.42	1.88	
		AK102	DRO	640	mg/Kg	50	6.1	
		AK103	RRO	3700	mg/Kg	100	100	VJ
		E200.8	Arsenic	3	mg/Kg	0.3	0.06	
		SW6010B	Aluminum	18100	mg/Kg	3	2	
			Antimony	ND	mg/Kg	7	2	
			Barium	122	mg/Kg	0.4	0.05	
			Beryllium	0.3	mg/Kg	0.1	0.04	
			Cadmium	ND	mg/Kg	0.3	0.1	
			Calcium	1320	mg/Kg	7	0.04	
			Chromium	27.4	mg/Kg	0.7	0.2	
			Cobalt	3.8	mg/Kg	0.4	0.08	
			Copper	10.6	mg/Kg	0.3	0.3	
			Iron	12700	mg/Kg	3	0.9	
			Lead	12	mg/Kg	3	0.9	
			Magnesium	3380	mg/Kg	3	1	
			Manganese	77.2	mg/Kg	0.1	0.04	
			Nickel	13	mg/Kg	1	0.5	
			Potassium	980	mg/Kg	70	50	
			Selenium	ND	mg/Kg	7	1	
			Silver	ND	mg/Kg	0.4	0.1	
			Sodium	170	mg/Kg	7	2	
			Thallium	ND	mg/Kg	7	0.8	
			Vanadium	40	mg/Kg	0.4	0.2	
			Zinc	29.5	mg/Kg	0.8	0.4	
		SW7471A	Mercury	0.09	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.045	0.0121	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.091	0.0145	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.045	0.00626	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.045	0.00739	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.045	0.00485	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.045	0.0146	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.045	0.0119	
01NE21SB170	Surface soil Depth 1.5 to 2 feet bgs	SW8260 SIM	Benzene	ND	mg/L	0.0029	0.0029	
			Ethylbenzene	ND	mg/L	0.0029	0.0014	
			m,p-Xylene (sum)	ND	mg/L	0.0058	0.0058	
			o-Xylene	ND	mg/L	0.0029	0.0025	
			Toluene	0.0072	mg/L	0.0029	0.0028	
		AK101	GRO	ND	mg/Kg	6.43	2.22	
		AK102	DRO	340	mg/Kg	100	13	
		AK103	RRO	2300	mg/Kg	200	200	VJ
		E200.8	Arsenic	4	mg/Kg	0.3	0.06	
		SW6010B	Aluminum	13400	mg/Kg	3	2	
			Antimony	ND	mg/Kg	8	2	
			Barium	97.2	mg/Kg	0.5	0.06	
			Beryllium	0.7	mg/Kg	0.2	0.05	
			Cadmium	ND	mg/Kg	0.3	0.1	
			Calcium	3400	mg/Kg	8	0.05	
			Chromium	20.5	mg/Kg	0.8	0.2	
			Cobalt	5.2	mg/Kg	0.5	0.09	
			Copper	27.2	mg/Kg	0.3	0.3	
			Iron	16700	mg/Kg	3	1	
			Lead	13	mg/Kg	3	1	
			Magnesium	3330	mg/Kg	3	1	
			Manganese	151	mg/Kg	0.2	0.05	
			Nickel	13	mg/Kg	2	0.5	

**Summary of Analytical Results Site 21
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE21SB170	Surface soil Depth 1.5 to 2 feet bgs	SW6010B	Potassium	1000	mg/Kg	80	60	
			Selenium	ND	mg/Kg	8	2	
			Silver	ND	mg/Kg	0.5	0.1	
			Sodium	239	mg/Kg	8	2	
			Thallium	ND	mg/Kg	8	0.9	
			Vanadium	34.7	mg/Kg	0.5	0.3	
			Zinc	63.2	mg/Kg	0.9	0.4	
		SW7471A	Mercury	0.07	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.049	0.0131	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.098	0.0157	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.049	0.00679	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.049	0.00802	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.049	0.00526	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.049	0.0159	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.049	0.0129	
01NE21SB171	Surface soil Depth 1.5 to 2 feet bgs	SW8260 SIM	Benzene	ND	mg/L	0.01	0.01	
			Ethylbenzene	ND	mg/L	0.01	0.005	
			m,p-Xylene (sum)	0.023	mg/L	0.021	0.021	
			o-Xylene	ND	mg/L	0.01	0.0087	
			Toluene	0.041	mg/L	0.01	0.0098	
		AK101	GRO	ND	mg/Kg	5	1.46	VQQ
		AK102	DRO	ND	mg/Kg	5	0.53	
		AK103	RRO	25	mg/Kg	10	10	VJ
		E200.8	Arsenic	4.3	mg/Kg	0.2	0.05	
		SW6010B	Aluminum	14800	mg/Kg	3	1	
			Antimony	ND	mg/Kg	6	2	
			Barium	122	mg/Kg	0.4	0.05	
			Beryllium	1	mg/Kg	0.1	0.04	
			Cadmium	0.4	mg/Kg	0.3	0.1	
			Calcium	5240	mg/Kg	6	0.04	
			Chromium	41	mg/Kg	0.6	0.2	
			Cobalt	8.3	mg/Kg	0.4	0.08	
			Copper	16.4	mg/Kg	0.3	0.3	
			Iron	23900	mg/Kg	3	0.8	
			Lead	21	mg/Kg	3	0.8	
			Magnesium	8770	mg/Kg	3	1	
			Manganese	452	mg/Kg	0.1	0.04	
			Nickel	26	mg/Kg	1	0.4	
			Potassium	3670	mg/Kg	60	50	
			Selenium	ND	mg/Kg	6	1	
			Silver	ND	mg/Kg	0.4	0.09	
			Sodium	457	mg/Kg	6	2	
			Thallium	ND	mg/Kg	6	0.8	
			Vanadium	51.6	mg/Kg	0.4	0.2	
			Zinc	133	mg/Kg	0.8	0.4	
		SW7471A	Mercury	ND	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.039	0.0105	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.079	0.0126	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.039	0.00542	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.039	0.0064	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.039	0.0042	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.039	0.0127	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.039	0.0103	
01NE21SD113	Sediment	SW8260 SIM	Benzene	ND	mg/L	0.015	0.015	
			Ethylbenzene	ND	mg/L	0.015	0.0072	
			m,p-Xylene (sum)	ND	mg/L	0.029	0.029	
			o-Xylene	ND	mg/L	0.015	0.012	
			Toluene	0.055	mg/L	0.015	0.014	
		AK101	GRO	ND	mg/Kg	13.1	4.53	
		AK102	DRO	310	mg/Kg	100	18	
		AK103	RRO	2000	mg/Kg	200	200	VJ

Summary of Analytical Results Site 21
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE21SD113	Sediment	E200.8	Arsenic	12.1	mg/Kg	0.4	0.08	
		SW6010B	Aluminum	24600	mg/Kg	5	3	
			Antimony	ND	mg/Kg	10	3	
			Barium	155	mg/Kg	0.7	0.1	
			Beryllium	1.7	mg/Kg	0.2	0.07	
			Cadmium	0.9	mg/Kg	0.5	0.2	
			Calcium	3920	mg/Kg	10	0.07	
			Chromium	36	mg/Kg	1	0.3	
			Cobalt	11.2	mg/Kg	0.7	0.1	
			Copper	37.4	mg/Kg	0.5	0.5	
			Iron	57400	mg/Kg	5	2	
			Lead	58	mg/Kg	5	2	
			Magnesium	6080	mg/Kg	5	2	
			Manganese	786	mg/Kg	0.2	0.07	
			Nickel	23	mg/Kg	2	0.8	
			Potassium	1950	mg/Kg	120	90	
			Selenium	ND	mg/Kg	10	2	
			Silver	ND	mg/Kg	0.7	0.2	
			Sodium	380	mg/Kg	10	3	
			Thallium	ND	mg/Kg	10	1	
			Vanadium	62.6	mg/Kg	0.7	0.4	
			Zinc	150	mg/Kg	1	0.7	
		SW7471A	Mercury	ND	mg/Kg	0.1	0.04	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.065	0.0174	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.13	0.0208	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.065	0.00898	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.065	0.0106	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.065	0.00696	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.065	0.021	
01NE21SD114	Sediment	SW8260 SIM	Benzenes	ND	mg/L	0.0042	0.0042	
			Ethylbenzene	ND	mg/L	0.0042	0.002	
			m,p-Xylene (sum)	0.01	mg/L	0.0083	0.0083	
			o-Xylene	ND	mg/L	0.0042	0.0035	
			Toluene	0.019	mg/L	0.0042	0.004	
		AK101	GRO	ND	mg/Kg	30.1	10.4	
		AK102	DRO	310	mg/Kg	63	11	
		AK103	RRO	2000	mg/Kg	130	130	VJ
		E200.8	Arsenic	14.7	mg/Kg	0.5	0.09	
		SW6010B	Aluminum	33100	mg/Kg	7	4	
			Antimony	ND	mg/Kg	20	5	
			Barium	193	mg/Kg	1	0.1	
			Beryllium	1.8	mg/Kg	0.3	0.1	
			Cadmium	1.2	mg/Kg	0.7	0.3	
			Calcium	6910	mg/Kg	20	0.1	
			Chromium	50	mg/Kg	2	0.4	
			Cobalt	14.2	mg/Kg	1	0.2	
			Copper	54.6	mg/Kg	0.7	0.7	
			Iron	51400	mg/Kg	7	2	
			Lead	64	mg/Kg	7	2	
			Magnesium	8250	mg/Kg	7	3	
			Manganese	560	mg/Kg	0.3	0.1	
			Nickel	33	mg/Kg	3	1	
			Potassium	3180	mg/Kg	160	100	
			Selenium	ND	mg/Kg	20	3	
			Silver	ND	mg/Kg	1	0.2	
			Sodium	580	mg/Kg	20	5	
			Thallium	ND	mg/Kg	20	2	
			Vanadium	81.1	mg/Kg	1	0.6	
			Zinc	190	mg/Kg	2	1	
		SW7471A	Mercury	ND	mg/Kg	0.1	0.04	

Summary of Analytical Results Site 21
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE21SD114	Sediment	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.084	0.0225	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.17	0.027	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.084	0.0116	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.084	0.0138	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.084	0.00903	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.084	0.0273	
01NE21SS169	Surface Soil	SW8260 SIM	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.084	0.0221	
			Benzene	ND	mg/Kg	0.015	0.015	
			Ethylbenzene	ND	mg/Kg	0.015	0.0072	
			m,p-Xylene (sum)	ND	mg/Kg	0.029	0.029	
			o-Xylene	ND	mg/Kg	0.015	0.012	
		AK101	Toluene	0.0394	mg/Kg	0.015	0.014	
			GRO	ND	mg/Kg	50.6	17.5	
			DRO	270	mg/Kg	68	12	
			RRO	2800	mg/Kg	140	140	VJ
		E200.8	Arsenic	7.4	mg/Kg	1	0.2	
		SW6010B	Aluminum	3940	mg/Kg	10	6	
			Antimony	ND	mg/Kg	30	8	
			Barium	59	mg/Kg	2	0.2	
			Beryllium	ND	mg/Kg	0.5	0.2	
			Cadmium	ND	mg/Kg	1	0.5	
			Calcium	4570	mg/Kg	30	0.2	
			Chromium	4	mg/Kg	3	0.7	
			Cobalt	3	mg/Kg	2	0.3	
			Copper	4	mg/Kg	1	1	
			Iron	41200	mg/Kg	10	3	
			Lead	ND	mg/Kg	10	4	
			Magnesium	1320	mg/Kg	10	5	
			Manganese	690	mg/Kg	0.5	0.2	
			Nickel	ND	mg/Kg	5	2	
			Potassium	650	mg/Kg	270	200	
			Selenium	ND	mg/Kg	30	5	
			Silver	ND	mg/Kg	2	0.4	
			Sodium	170	mg/Kg	30	8	
			Thallium	ND	mg/Kg	30	3	
			Vanadium	8	mg/Kg	2	0.9	
			Zinc	302	mg/Kg	3	2	
		SW7471A	Mercury	ND	mg/Kg	0.3	0.08	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.18	0.0485	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.36	0.0582	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.18	0.0251	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.18	0.0296	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.18	0.0195	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.18	0.0587	
01NE21SS170	Surface Soil	SW8260 SIM	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.18	0.0476	
			Benzene	ND	mg/L	0.0037	0.0037	
			Ethylbenzene	ND	mg/L	0.0037	0.0018	
			m,p-Xylene (sum)	0.0074	mg/L	0.0074	0.0074	
			o-Xylene	ND	mg/L	0.0037	0.0031	
		AK101	Toluene	0.011	mg/L	0.0037	0.0035	
			GRO	ND	mg/Kg	14.8	5.12	
			DRO	380	mg/Kg	120	21	
			RRO	2200	mg/Kg	230	230	VJ
		E200.8	Arsenic	5.9	mg/Kg	0.4	0.09	
		SW6010B	Aluminum	14700	mg/Kg	5	3	
			Antimony	ND	mg/Kg	10	3	
			Barium	103	mg/Kg	0.7	0.09	
			Beryllium	0.8	mg/Kg	0.2	0.07	
			Cadmium	0.9	mg/Kg	0.5	0.2	
			Calcium	4190	mg/Kg	10	0.07	
			Chromium	22	mg/Kg	1	0.3	

Summary of Analytical Results Site 21
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE21SS170	Surface Soil	SW6010B	Cobalt	4.5	mg/Kg	0.7	0.1	
			Copper	36.3	mg/Kg	0.5	0.5	
			Iron	19600	mg/Kg	5	1	
			Lead	25	mg/Kg	5	2	
			Magnesium	3380	mg/Kg	5	2	
			Manganese	154	mg/Kg	0.2	0.07	
			Nickel	16	mg/Kg	2	0.8	
			Potassium	910	mg/Kg	120	90	
			Selenium	ND	mg/Kg	10	2	
			Silver	0.9	mg/Kg	0.7	0.2	
			Sodium	260	mg/Kg	10	3	
			Thallium	ND	mg/Kg	10	1	
			Vanadium	38.8	mg/Kg	0.7	0.4	
			Zinc	166	mg/Kg	1	0.7	
		SW7471A	Mercury	0.25	mg/Kg	0.1	0.03	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.077	0.0206	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.15	0.0247	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.077	0.0107	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.077	0.0126	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.077	0.00826	
			PCB-1254 (Aroclor 1254)	0.14	mg/Kg	0.077	0.0249	
			PCB-1260 (Aroclor 1260)	0.15	mg/Kg	0.077	0.0202	
01NE21SS171	Surface Soil	AK102	DRO	94	mg/Kg	25	3.5	
		AK103	RRO	530	mg/Kg	50	50	VJ
		E200.8	Arsenic	6.1	mg/Kg	0.3	0.07	
		SW6010B	Aluminum	17300	mg/Kg	4	2	
			Antimony	ND	mg/Kg	10	3	
			Barium	136	mg/Kg	0.6	0.08	
			Beryllium	1.6	mg/Kg	0.2	0.06	
			Cadmium	1.3	mg/Kg	0.4	0.2	
			Calcium	4600	mg/Kg	10	0.06	
			Chromium	39.8	mg/Kg	1	0.3	
			Cobalt	12.1	mg/Kg	0.6	0.1	
			Copper	23.7	mg/Kg	0.4	0.4	
			Iron	29500	mg/Kg	4	1	
			Lead	23	mg/Kg	4	1	
			Magnesium	6100	mg/Kg	4	2	
			Manganese	765	mg/Kg	0.2	0.06	
			Nickel	27	mg/Kg	2	0.7	
			Potassium	1960	mg/Kg	100	70	
			Selenium	ND	mg/Kg	10	2	
			Silver	ND	mg/Kg	0.6	0.1	
			Sodium	295	mg/Kg	10	3	
			Thallium	ND	mg/Kg	10	1	
			Vanadium	50.1	mg/Kg	0.6	0.3	
			Zinc	256	mg/Kg	1	0.6	
		SW7471A	Mercury	ND	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.052	0.014	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0168	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.052	0.00723	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.052	0.00853	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.052	0.0056	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.052	0.0169	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.052	0.0137	
01NE21SS172	Surface Soil	SW8260 SIM	Benzene	ND	mg/L	0.034	0.034	
			Ethylbenzene	ND	mg/L	0.034	0.017	
			m,p-Xylene (sum)	0.096	mg/L	0.069	0.069	
			o-Xylene	ND	mg/L	0.034	0.029	
			Toluene	0.14	mg/L	0.034	0.033	
		AK101	GRO	ND	mg/Kg	43.3	15	
		AK102	DRO	140	mg/Kg	10	1.8	

Summary of Analytical Results Site 21
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE21SS172	Surface Soil	AK103	RRO	390	mg/Kg	20	20	VJ
		E200.8	Arsenic	11.5	mg/Kg	0.8	0.2	
		SW6010B	Aluminum	19400	mg/Kg	10	6	
			Antimony	ND	mg/Kg	20	7	
			Barium	96	mg/Kg	1	0.2	
			Beryllium	1.4	mg/Kg	0.5	0.1	
			Cadmium	ND	mg/Kg	1	0.4	
			Calcium	5160	mg/Kg	20	0.1	
			Chromium	25	mg/Kg	2	0.6	
			Cobalt	7	mg/Kg	1	0.3	
			Copper	37.3	mg/Kg	1	1	
			Iron	41200	mg/Kg	10	3	
			Lead	67	mg/Kg	10	3	
			Magnesium	4460	mg/Kg	10	4	
			Manganese	320	mg/Kg	0.5	0.1	
			Nickel	17	mg/Kg	5	2	
			Potassium	1450	mg/Kg	250	200	
			Selenium	ND	mg/Kg	20	5	
			Silver	ND	mg/Kg	1	0.3	
			Sodium	470	mg/Kg	20	7	
			Thallium	ND	mg/Kg	20	3	
			Vanadium	46	mg/Kg	1	0.8	
			Zinc	184	mg/Kg	3	1	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.0356	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.27	0.0427	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.0184	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0217	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0143	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.0431	
01NE21SS173	Surface Soil	SW8260 SIM	Benzenzene	ND	mg/L	0.014	0.014	
			Ethylbenzene	ND	mg/L	0.014	0.0067	
			m,p-Xylene (sum)	0.032	mg/L	0.027	0.027	
			o-Xylene	ND	mg/L	0.014	0.012	
			Toluene	0.073	mg/L	0.014	0.013	
		AK101	GRO	ND	mg/Kg	8.04	2.78	
		AK102	DRO	300	mg/Kg	100	15	
		AK103	RRO	1700	mg/Kg	200	200	VJ
		E200.8	Arsenic	4.5	mg/Kg	0.3	0.06	
		SW6010B	Aluminum	13200	mg/Kg	3	2	
			Antimony	ND	mg/Kg	8	2	
			Barium	115	mg/Kg	0.5	0.06	
			Beryllium	0.7	mg/Kg	0.2	0.05	
			Cadmium	0.8	mg/Kg	0.3	0.1	
			Calcium	3450	mg/Kg	8	0.05	
			Chromium	23.2	mg/Kg	0.8	0.2	
			Cobalt	4.7	mg/Kg	0.5	0.1	
			Copper	28.3	mg/Kg	0.3	0.3	
			Iron	14700	mg/Kg	3	1	
			Lead	17	mg/Kg	3	1	
			Magnesium	3400	mg/Kg	3	1	
			Manganese	163	mg/Kg	0.2	0.05	
			Nickel	13	mg/Kg	2	0.5	
			Potassium	880	mg/Kg	80	60	
			Selenium	ND	mg/Kg	8	2	
			Silver	ND	mg/Kg	0.5	0.1	
			Sodium	239	mg/Kg	8	2	
			Thallium	ND	mg/Kg	8	1	
			Vanadium	34.8	mg/Kg	0.5	0.3	
			Zinc	167	mg/Kg	1	0.5	

Summary of Analytical Results Site 21
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE21SS173	Surface Soil	SW7471A	Mercury	0.16	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.057	0.0153	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.11	0.0183	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.057	0.00789	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.057	0.00931	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.057	0.00611	
			PCB-1254 (Aroclor 1254)	0.14	mg/Kg	0.057	0.0185	
01NE21SS269	Surface Soil	SW8260 SIM	Benzene	ND	mg/Kg	0.015	0.015	
			Ethylbenzene	ND	mg/Kg	0.015	0.0074	
			m,p-Xylene (sum)	ND	mg/Kg	0.03	0.03	
			o-Xylene	ND	mg/Kg	0.015	0.013	
			Toluene	ND	mg/Kg	0.015	0.014	
		AK101	GRO	ND	mg/Kg	47.1	16.3	
		AK102	DRO	220	mg/Kg	69	12	
		AK103	RRO	2200	mg/Kg	140	140	VJ
		E200.8	Arsenic	7	mg/Kg	1	0.2	
		SW6010B	Aluminum	4010	mg/Kg	10	6	
			Antimony	ND	mg/Kg	30	7	
			Barium	54	mg/Kg	2	0.2	
			Beryllium	ND	mg/Kg	0.5	0.2	
			Cadmium	ND	mg/Kg	1	0.4	
			Calcium	4310	mg/Kg	30	0.2	
			Chromium	4	mg/Kg	3	0.7	
			Cobalt	2	mg/Kg	2	0.3	
			Copper	4	mg/Kg	1	1	
			Iron	44600	mg/Kg	10	3	
			Lead	ND	mg/Kg	10	3	
			Magnesium	1320	mg/Kg	10	4	
			Manganese	561	mg/Kg	0.5	0.2	
			Nickel	ND	mg/Kg	5	2	
			Potassium	470	mg/Kg	260	200	
			Selenium	ND	mg/Kg	30	5	
			Silver	ND	mg/Kg	2	0.4	
			Sodium	250	mg/Kg	30	8	
			Thallium	ND	mg/Kg	30	3	
			Vanadium	9	mg/Kg	2	0.9	
			Zinc	253	mg/Kg	3	1	
		SW7471A	Mercury	ND	mg/Kg	0.2	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.18	0.049	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.37	0.0587	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.18	0.0253	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.18	0.0299	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.18	0.0196	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.18	0.0593	
01NE21SW113	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
			DRO	0.3	mg/L	0.25	0.02	
			RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.11	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	13.6	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	4.17	mg/L	0.02	0.0063	
			Magnesium	2.96	mg/L	0.02	0.0084	
			Manganese	0.687	mg/L	0.001	0.0003	

**Summary of Analytical Results Site 21
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE21SW113	Surface Water	SW6010B	Nickel	ND	mg/L	0.01	0.0034	
			Potassium	2.35	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	27	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.002	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
01NE21SW114	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	VQQ
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.71	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.01	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	11.4	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	6.34	mg/L	0.02	0.0063	
			Magnesium	2.49	mg/L	0.02	0.0084	
			Manganese	0.494	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	2.65	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	38.1	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.009	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.002	mg/L	0.001	0.00054	
		SW7421	Lead	0.002	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	VQQ
01NE21SW213	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	0.28	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ

Key:
DRO - diesel range organics
GRO - gasoline range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
PCB - polychlorinated biphenyls
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the associated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitation is an estimation.
VQQ - The practical quantitation limit is approximate due to QC or matrix effects.

**Summary of Analytical Results Site 22
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE35GW101	Ground Water	A2320B	Alkalinity, Total	35	MGCACO3/L	1	1	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		E300	Chloride	14	mg/L	0.5	0.5	
		E300	Sulfate	19.6	mg/L	0.5	0.5	
		E350.1	Nitrogen, Ammonia (as N)	0.12	mg/L	0.01	0.01	
		E351.4	Nitrogen, Kjeldahl, Total	0.5	mg/L	0.2	0.1	
		E353.2	Nitrogen, Nitrate-Nitrite	0.13	mg/L	0.01	0.01	
		E376.2	Sulfide	ND	mg/L	0.05	0.05	
		E410.4	Chemical Oxygen Demand	ND	mg/L	5	5	
		SW6010B	dissolved Iron	ND	mg/L	0.02	0.0063	
			Iron	10.4	mg/L	0.02	0.0063	
			dissolved Manganese	0.089	mg/L	0.001	0.0003	
			Manganese	0.161	mg/L	0.001	0.0003	
		SW8260	Benzene	ND	mg/L	0.001	0.00043	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			o-Xylene	ND	mg/L	0.001	0.00035	
			Toluene	ND	mg/L	0.001	0.00042	
01NE35GW102	Ground Water	A2320B	Alkalinity, Total	6	MGCACO3/L	1	1	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	1.4	mg/L	0.25	0.02	
		AK103	RRO	2.8	mg/L	0.5	0.5	VJ
		E150.1	pH	6.1	PH UNITS	0.05	0.05	
		E300	Chloride	11.2	mg/L	0.4	0.4	
			Sulfate	14.2	mg/L	0.4	0.4	
		E350.1	Nitrogen, Ammonia (as N)	0.13	mg/L	0.01	0.01	
		E351.4	Nitrogen, Kjeldahl, Total	0.5	mg/L	0.2	0.1	
		E353.2	Nitrogen, Nitrate-Nitrite	0.19	mg/L	0.01	0.01	
		E376.2	Sulfide	ND	mg/L	0.05	0.05	
		E410.4	Chemical Oxygen Demand	28	mg/L	5	5	
		SW6010B	dissolved Iron	1.79	mg/L	0.02	0.0063	
			Iron	45.3	mg/L	0.02	0.0063	
			Manganese	0.204	mg/L	0.001	0.0003	
			dissolved Manganese	0.165	mg/L	0.001	0.0003	
		SW8260	Benzene	ND	mg/L	0.001	0.00043	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			o-Xylene	ND	mg/L	0.001	0.00035	
			Toluene	ND	mg/L	0.001	0.00042	
01NE35GW103	Ground Water	A2320B	Alkalinity, Total	22	MGCACO3/L	1	1	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		E300	Chloride	7.5	mg/L	0.2	0.2	
		E300	Sulfate	8.6	mg/L	0.2	0.2	
		E350.1	Nitrogen, Ammonia (as N)	ND	mg/L	0.01	0.01	
		E351.4	Nitrogen, Kjeldahl, Total	0.3	mg/L	0.2	0.1	
		E353.2	Nitrogen, Nitrate-Nitrite	0.24	mg/L	0.01	0.01	
		E376.2	Sulfide	ND	mg/L	0.05	0.05	
		E410.4	Chemical Oxygen Demand	ND	mg/L	5	5	
		SW6010B	dissolved Iron	ND	mg/L	0.02	0.0063	
			Iron	2.78	mg/L	0.02	0.0063	
			Manganese	0.122	mg/L	0.001	0.0003	
			dissolved Manganese	0.092	mg/L	0.001	0.0003	
		SW8260	Benzene	ND	mg/L	0.001	0.00043	
			Ethylbenzene	ND	mg/L	0.001	0.00035	

**Summary of Analytical Results Site 22
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE35GW103	Ground Water	SW8260	m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			o-Xylene	ND	mg/L	0.001	0.00035	
			Toluene	ND	mg/L	0.001	0.00042	
01NE35GW104	Ground Water	A2320B	Alkalinity, Total	16	MGCACO3/L	1	1	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		E300	Chloride	7.8	mg/L	0.2	0.2	
			Sulfate	6.2	mg/L	0.2	0.2	
		E350.1	Nitrogen, Ammonia (as N)	0.021	mg/L	0.01	0.01	
		E351.4	Nitrogen, Kjeldahl, Total	0.3	mg/L	0.2	0.1	
		E353.2	Nitrogen, Nitrate-Nitrite	0.07	mg/L	0.01	0.01	
		E376.2	Sulfide	ND	mg/L	0.05	0.05	
		E410.4	Chemical Oxygen Demand	ND	mg/L	5	5	
		SW6010B	dissolved Iron	0.33	mg/L	0.02	0.0063	
			Iron	9.18	mg/L	0.02	0.0063	
			dissolved Manganese	0.105	mg/L	0.001	0.0003	
			Manganese	0.165	mg/L	0.001	0.0003	
		SW8260	Benzene	ND	mg/L	0.001	0.00043	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			o-Xylene	ND	mg/L	0.001	0.00035	
			Toluene	ND	mg/L	0.001	0.00042	
01NE35GW201	Ground Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8260	Benzene	ND	mg/L	0.001	0.00043	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			o-Xylene	ND	mg/L	0.001	0.00035	
			Toluene	ND	mg/L	0.001	0.00042	

Key:

- DRO - diesel range organics
- MDL - method detection limit
- mg/L - milligram per liter
- mg/Kg - milligram per kilogram
- MRL - method reporting limit
- ND - not detected
- RRO - residual range organics
- SIM - selected ion monitoring
- VB - The analyte was detected in the associated blank and the sample indicating possible contamination.
- VJ - The analyte was positively identified; the quantitation is an estimation.
- VQQ - The practical quantitation limit is approximate due to QC or matrix effects.

**Summary of Analytical Results Site 24
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE24SD114	Sediment	8260SIM	Benzene	ND	mg/L	0.003	0.003	
			Ethylbenzene	ND	mg/L	0.003	0.0015	
			m,p-Xylene (sum)	ND	mg/L	0.0061	0.0061	
			o-Xylene	ND	mg/L	0.003	0.0026	
			Toluene	0.0032	mg/L	0.003	0.0029	
		AK101	GRO	ND	mg/Kg	67	23.2	
		AK102	DRO	4600	mg/Kg	180	33	
		AK103	RRO	3100	mg/Kg	370	370	VJ
		E200.8	Arsenic	11	mg/Kg	1	0.3	
		SW6010B	Aluminum	7110	mg/Kg	20	10	
			Antimony	70	mg/Kg	50	10	
			Barium	143	mg/Kg	3	0.4	
			Beryllium	ND	mg/Kg	0.9	0.3	
			Cadmium	ND	mg/Kg	2	0.8	
			Calcium	10200	mg/Kg	50	0.3	
			Chromium	13	mg/Kg	5	1	
			Cobalt	23	mg/Kg	3	0.5	
			Copper	368	mg/Kg	2	2	
			Iron	56400	mg/Kg	20	6	
			Lead	140	mg/Kg	20	6	
			Magnesium	1990	mg/Kg	20	8	
			Manganese	249	mg/Kg	0.9	0.3	
			Nickel	24	mg/Kg	9	3	
			Potassium	960	mg/Kg	460	300	
			Selenium	ND	mg/Kg	50	9	
			Silver	ND	mg/Kg	3	0.6	
			Sodium	670	mg/Kg	50	10	
			Thallium	ND	mg/Kg	50	6	
			Vanadium	30	mg/Kg	3	2	
			Zinc	1480	mg/Kg	5	3	
		SW7471A	Mercury	ND	mg/Kg	0.3	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.25	0.0659	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.49	0.079	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.25	0.0341	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.25	0.0402	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.25	0.0264	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.25	0.0798	
01NE24SD115	Sediment	SW8260 SIM	Benzene	ND	mg/L	0.0072	0.0072	
			Ethylbenzene	0.0088	mg/L	0.0072	0.0035	
			m,p-Xylene (sum)	0.03	mg/L	0.014	0.014	
			o-Xylene	0.0092	mg/L	0.0072	0.0061	
			Toluene	0.038	mg/L	0.0072	0.0068	
		AK101	GRO	ND	mg/Kg	5	1.48	
		AK102	DRO	100	mg/Kg	5	0.59	
		AK103	RRO	230	mg/Kg	10	10	VJ
		E200.8	Arsenic	5.6	mg/Kg	0.2	0.05	
		SW6010B	Aluminum	5570	mg/Kg	3	2	
			Antimony	11	mg/Kg	7	2	
			Barium	30.4	mg/Kg	0.4	0.05	
			Beryllium	0.6	mg/Kg	0.1	0.04	
			Cadmium	0.5	mg/Kg	0.3	0.1	
			Calcium	1670	mg/Kg	7	0.04	
			Chromium	12.3	mg/Kg	0.7	0.2	
			Cobalt	6.9	mg/Kg	0.4	0.08	
			Copper	212	mg/Kg	0.3	0.3	
			Iron	26100	mg/Kg	3	0.8	
			Lead	49	mg/Kg	3	0.9	
			Magnesium	1400	mg/Kg	3	1	
			Manganese	182	mg/Kg	0.1	0.04	
			Nickel	18	mg/Kg	1	0.5	
			Potassium	520	mg/Kg	70	50	
			Selenium	ND	mg/Kg	7	1	

**Summary of Analytical Results Site 24
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE24SD115	Sediment	SW6010B	Silver	ND	mg/Kg	0.4	0.09	
			Sodium	131	mg/Kg	7	2	
			Thallium	ND	mg/Kg	7	0.8	
			Vanadium	12.7	mg/Kg	0.4	0.2	
			Zinc	227	mg/Kg	0.8	0.4	
		SW7471A	Mercury	ND	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.043	0.0116	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.087	0.0139	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.043	0.00599	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.043	0.00708	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.043	0.00465	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.043	0.014	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.043	0.0114	
01NE24SD214	Sediment	8260SIM	Benzene	ND	mg/L	0.0091	0.0091	
			Ethylbenzene	ND	mg/L	0.0091	0.0045	
			m,p-Xylene (sum)	ND	mg/L	0.018	0.018	
			o-Xylene	ND	mg/L	0.0091	0.0077	
			Toluene	0.017	mg/L	0.0091	0.0087	
		AK101	GRO	ND	mg/Kg	64.1	22.2	
01NE24SW114	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8021	Benzene	ND	mg/L	0.001	0.0002	
		SW8021	Ethylbenzene	ND	mg/L	0.001	0.00019	
		SW8021	m,p-Xylene (sum)	ND	mg/L	0.001	0.00021	
		SW8021	o-Xylene	ND	mg/L	0.001	0.00015	
		SW8021	Toluene	ND	mg/L	0.001	0.0002	
		SW6010B	Aluminum	0.03	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.01	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	5.48	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	0.026	mg/L	0.002	0.002	
			Iron	3.06	mg/L	0.02	0.0063	
			Magnesium	1.34	mg/L	0.02	0.0084	
			Manganese	0.025	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	0.65	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	16.3	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.055	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
01NE24SW214	Surface Water	AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.02	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.008	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	

**Summary of Analytical Results Site 24
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE24SW214	Surface Water	SW6010B	Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	4.42	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	0.02	mg/L	0.002	0.002	
			Iron	2.44	mg/L	0.02	0.0063	
			Magnesium	1.06	mg/L	0.02	0.0084	
			Manganese	0.021	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	13	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.047	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	0.001	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	

Key:
DRO - diesel range organics
GRO - gasoline range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
PCB - polychlorinated biphenyls
RRO - residual range organics
SIM - selected ion monitoring
VJ - The analyte was positively identified; the quantitation is an estimation.
VQQ - The practical quantitation limit is approximate due to QC or matrix effects.

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28FT101 Blackfish	Fish Tissue	E160.1	Total Lipids	0.95	PERCENT	0.05	0.05	
		E200.8	Antimony	0.007	mg/Kg	0.013	0.005	VJ
			Arsenic	0.08	mg/Kg	0.13	0.05	VJ
			Barium	1.07	mg/Kg	0.005	0.005	
			Cadmium	0.008	mg/Kg	0.013	0.005	VJ
			Lead	0.02	mg/Kg	0.005	0.003	
			Nickel	1.11	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.106	mg/Kg	0.051	0.005	
			Zinc	51	mg/Kg	0.13	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.64	mg/Kg	0.26	0.05	
		SW7471A	Mercury	0.098	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.16	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.14	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.19	mg/Kg	0.005	0.0024	
			Acenaphthene	0.026	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0037	mg/Kg	0.005	0.0014	VJ
			Fluorene	0.067	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.0005	
			Naphthalene	0.068	mg/Kg	0.005	0.0018	
			Phenanthrene	0.018	mg/Kg	0.005	0.0014	
			Pyrene	0.0023	mg/Kg	0.005	0.0015	VJ
01NE28FT102 Blackfish	Fish Tissue	E160.1	Total Lipids	0.89	PERCENT	0.05	0.05	
		E200.8	Antimony	0.005	mg/Kg	0.011	0.005	VJ
			Arsenic	0.06	mg/Kg	0.11	0.05	VJ
			Barium	1.1	mg/Kg	0.005	0.005	
			Cadmium	0.008	mg/Kg	0.011	0.005	VJ
			Lead	0.011	mg/Kg	0.005	0.002	
			Nickel	0.63	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.099	mg/Kg	0.045	0.005	
			Zinc	44	mg/Kg	0.11	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.7	mg/Kg	0.23	0.05	
		SW7471A	Mercury	0.082	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.13	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.1	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.0053	mg/Kg	0.005	0.0024	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28FT102 Blackfish	Fish Tissue	SW8270 SIM	Acenaphthene	0.0063	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0043	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	0.036	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.0005	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	0.009	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE28FT103 Blackfish	Fish Tissue	E160.1	Total Lipids	1.05	PERCENT	0.05	0.05	
		E200.8	Antimony	0.005	mg/Kg	0.012	0.005	VJ
			Arsenic	0.07	mg/Kg	0.12	0.05	VJ
			Barium	1.04	mg/Kg	0.005	0.005	
			Cadmium	0.008	mg/Kg	0.012	0.005	VJ
			Lead	0.028	mg/Kg	0.005	0.002	
			Nickel	0.93	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.102	mg/Kg	0.047	0.005	
			Zinc	43.3	mg/Kg	0.12	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	1.19	mg/Kg	0.23	0.05	
		SW7471A	Mercury	0.076	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.14	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.06	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.089	mg/Kg	0.005	0.0024	
			Acenaphthene	0.014	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0015	mg/Kg	0.005	0.0014	VJ
			Fluorene	0.042	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.0005	
			Naphthalene	0.025	mg/Kg	0.005	0.0018	
			Phenanthrene	0.0062	mg/Kg	0.005	0.0014	
			Pyrene	0.0018	mg/Kg	0.005	0.0015	VJ
01NE28PT1101	Plant Tissue	SW6010B	Chromium	0.12	mg/Kg	0.05	0.04	
		SW6020	Arsenic	0.18	mg/Kg	0.05	0.02	
			Barium	5.03	mg/Kg	0.002	0.002	
			Cadmium	0.005	mg/Kg	0.005	0.002	
			Copper	0.775	mg/Kg	0.019	0.003	
			Lead	0.133	mg/Kg	0.002	0.001	
			Nickel	0.147	mg/Kg	0.019	0.003	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT1101	Plant Tissue	SW6020	Silver	ND	mg/Kg	0.002	0.002	
			Vanadium	0.22	mg/Kg	0.019	0.002	
			Zinc	3.51	mg/Kg	0.05	0.01	
		SW7471A	Mercury	0.009	mg/Kg	0.002	0.001	
		SW7741	Selenium	0.02	mg/Kg	0.02	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.08	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.038	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.01	0.0048	
			Acenaphthene	0.006	mg/Kg	0.01	0.0024	VJ
			Anthracene	ND	mg/Kg	0.01	0.003	
			Benzo(a)anthracene	ND	mg/Kg	0.01	0.0024	
			Benzo(a)pyrene	ND	mg/Kg	0.01	0.004	
			Benzo(b)fluoranthene	ND	mg/Kg	0.01	0.0024	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.01	0.0028	
			Benzo(k)fluoranthene	ND	mg/Kg	0.01	0.0036	
			Chrysene	0.0059	mg/Kg	0.01	0.0036	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.01	0.0032	
			Fluoranthene	0.028	mg/Kg	0.01	0.0028	
			Fluorene	0.0088	mg/Kg	0.01	0.0022	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.01	0.0011	
			Naphthalene	0.0043	mg/Kg	0.01	0.0036	VJ
			Phenanthrene	0.056	mg/Kg	0.01	0.0028	
			Pyrene	0.017	mg/Kg	0.01	0.003	
01NE28PT1102	Plant Tissue	SW6010B	Chromium	1.5	mg/Kg	0.18	0.14	
		SW6020	Arsenic	0.77	mg/Kg	0.18	0.07	
			Barium	29.8	mg/Kg	0.007	0.007	
			Cadmium	0.063	mg/Kg	0.018	0.007	
			Copper	6.54	mg/Kg	0.072	0.011	
			Lead	1.3	mg/Kg	0.007	0.004	
			Nickel	1.11	mg/Kg	0.072	0.011	
			Silver	0.009	mg/Kg	0.007	0.007	
			Vanadium	1.48	mg/Kg	0.072	0.007	
			Zinc	30.6	mg/Kg	0.18	0.03	
		SW7471A	Mercury	0.061	mg/Kg	0.009	0.005	
		SW7741	Selenium	0.12	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.035	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.021	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.01	mg/Kg	0.005	0.0024	
			Acenaphthene	0.011	mg/Kg	0.005	0.0012	
			Anthracene	0.0077	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.011	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.0089	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.017	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0049	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.014	mg/Kg	0.005	0.0018	
			Chrysene	0.039	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.0017	mg/Kg	0.005	0.0016	VJ
			Fluoranthene	0.19	mg/Kg	0.005	0.0014	
			Fluorene	0.015	mg/Kg	0.005	0.0011	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT1102	Plant Tissue	SW8270 SIM	Indeno(1,2,3-cd)pyrene	0.006	mg/Kg	0.005	0.0005	
			Naphthalene	0.011	mg/Kg	0.005	0.0018	
			Phenanthrene	0.25	mg/Kg	0.005	0.0014	
			Pyrene	0.12	mg/Kg	0.005	0.0015	
01NE28PT2101	Plant Tissue	SW6010B	Chromium	0.43	mg/Kg	0.1	0.08	
		SW6020	Arsenic	0.23	mg/Kg	0.1	0.04	
			Barium	11.5	mg/Kg	0.004	0.004	
			Cadmium	0.085	mg/Kg	0.01	0.004	
			Copper	1.69	mg/Kg	0.041	0.006	
			Lead	0.794	mg/Kg	0.004	0.002	
			Nickel	0.368	mg/Kg	0.041	0.006	
			Silver	ND	mg/Kg	0.004	0.004	
			Vanadium	0.362	mg/Kg	0.041	0.004	
			Zinc	67.5	mg/Kg	0.51	0.08	
		SW7471A	Mercury	0.03	mg/Kg	0.005	0.002	
		SW7741	Selenium	ND	mg/Kg	0.04	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.014	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.019	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.0054	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0064	mg/Kg	0.005	0.0012	
			Anthracene	0.0029	mg/Kg	0.005	0.0015	VJ
			Benzo(a)anthracene	0.0028	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	0.0022	mg/Kg	0.005	0.002	VJ
			Benzo(b)fluoranthene	0.0094	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0018	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.008	mg/Kg	0.005	0.0018	
			Chrysene	0.02	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.086	mg/Kg	0.005	0.0014	
			Fluorene	0.0093	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.0033	mg/Kg	0.005	0.0005	VJ
			Naphthalene	0.0061	mg/Kg	0.005	0.0018	
			Phenanthrene	0.087	mg/Kg	0.005	0.0014	
			Pyrene	0.05	mg/Kg	0.005	0.0015	
01NE28PT2102	Plant Tissue	SW6010B	Chromium	0.3	mg/Kg	0.21	0.16	
		SW6020	Arsenic	ND	mg/Kg	0.21	0.08	
			Barium	15.4	mg/Kg	0.008	0.008	
			Cadmium	0.103	mg/Kg	0.021	0.008	
			Copper	1.92	mg/Kg	0.083	0.013	
			Lead	0.16	mg/Kg	0.008	0.004	
			Nickel	0.34	mg/Kg	0.083	0.013	
			Silver	ND	mg/Kg	0.008	0.008	
			Vanadium	0.034	mg/Kg	0.083	0.008	VJ
			Zinc	76.1	mg/Kg	0.21	0.03	
		SW7471A	Mercury	0.005	mg/Kg	0.009	0.005	VJ
		SW7741	Selenium	ND	mg/Kg	0.08	0.03	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.0073	0.0026	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.015	0.0026	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.0073	0.0026	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.0073	0.0026	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.0073	0.0026	
			PCB-1254 (Aroclor 1254)	0.0061	mg/Kg	0.0073	0.0026	VJ
			PCB-1260 (Aroclor 1260)	0.0054	mg/Kg	0.0073	0.0026	
		SW8270 SIM	2-Methylnaphthalene	0.0051	mg/Kg	0.011	0.0049	VLB

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT2102	Plant Tissue	SW8270 SIM	Acenaphthene	0.0038	mg/Kg	0.011	0.0025	VLB
			Anthracene	0.0052	mg/Kg	0.011	0.0031	VLB
			Benzo(a)anthracene	0.0045	mg/Kg	0.011	0.0025	VLB
			Benzo(a)pyrene	ND	mg/Kg	0.011	0.0041	VQQ
			Benzo(b)fluoranthene	0.0037	mg/Kg	0.011	0.0025	VLB
			Benzo(g,h,i)perylene	ND	mg/Kg	0.011	0.0029	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.011	0.0037	VQQ
			Chrysene	0.005	mg/Kg	0.011	0.0037	VLB
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.011	0.0033	VQQ
			Fluoranthene	0.033	mg/Kg	0.011	0.0029	VLB
			Fluorene	0.0063	mg/Kg	0.011	0.0023	VLB
			Indeno(1,2,3-cd)pyrene	0.0027	mg/Kg	0.011	0.0011	VLB
			Naphthalene	0.0051	mg/Kg	0.011	0.0037	VLB
			Phenanthrene	0.046	mg/Kg	0.011	0.0029	VLB
			Pyrene	0.019	mg/Kg	0.011	0.0031	VLB
01NE28PT3101	Plant Tissue	SW6010B	Chromium	0.52	mg/Kg	0.39	0.32	
		SW6020	Arsenic	ND	mg/Kg	0.41	0.17	
			Barium	3.65	mg/Kg	0.017	0.017	
			Cadmium	0.039	mg/Kg	0.041	0.017	VJ
			Copper	1.33	mg/Kg	0.165	0.025	
			Lead	1.31	mg/Kg	0.017	0.008	
			Nickel	0.26	mg/Kg	0.165	0.025	
			Silver	ND	mg/Kg	0.016	0.016	
			Vanadium	0.201	mg/Kg	0.165	0.017	
			Zinc	15.8	mg/Kg	0.41	0.07	
		SW7471A	Mercury	0.12	mg/Kg	0.018	0.009	
		SW7741	Selenium	0.07	mg/Kg	0.17	0.05	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.013	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.021	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.0046	mg/Kg	0.005	0.0024	VLB
			Acenaphthene	0.0017	mg/Kg	0.005	0.0012	VLB
			Anthracene	0.0019	mg/Kg	0.005	0.0015	VLB
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	VQQ
			Benzo(b)fluoranthene	0.003	mg/Kg	0.005	0.0012	VLB
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	VQQ
			Benzo(k)fluoranthene	0.0031	mg/Kg	0.005	0.0018	VLB
			Chrysene	0.0074	mg/Kg	0.005	0.0018	VLB
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	VQQ
			Fluoranthene	0.049	mg/Kg	0.005	0.0014	VLB
			Fluorene	0.005	mg/Kg	0.005	0.0011	VLB
			Indeno(1,2,3-cd)pyrene	0.0013	mg/Kg	0.005	0.0005	VLB
			Naphthalene	0.0044	mg/Kg	0.005	0.0018	VLB
			Phenanthrene	0.062	mg/Kg	0.005	0.0014	VLB
			Pyrene	0.026	mg/Kg	0.005	0.0015	VLB
01NE28PT3102	Plant Tissue	SW6010B	Chromium	0.88	mg/Kg	0.46	0.36	
		SW6020	Arsenic	ND	mg/Kg	0.43	0.17	
			Barium	2.44	mg/Kg	0.017	0.017	
			Cadmium	0.064	mg/Kg	0.043	0.017	
			Copper	1.46	mg/Kg	0.172	0.026	
			Lead	0.955	mg/Kg	0.017	0.009	
			Nickel	0.244	mg/Kg	0.172	0.026	
			Silver	ND	mg/Kg	0.018	0.018	
			Vanadium	0.107	mg/Kg	0.172	0.017	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT3102	Plant Tissue	SW6020	Zinc	21.5	mg/Kg	0.43	0.07	
		SW7471A	Mercury	0.099	mg/Kg	0.029	0.015	
		SW7741	Selenium	0.27	mg/Kg	0.17	0.05	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.029	0.014	
			Acenaphthene	ND	mg/Kg	0.029	0.007	
			Anthracene	ND	mg/Kg	0.029	0.0087	
			Benzo(a)anthracene	ND	mg/Kg	0.029	0.007	
			Benzo(a)pyrene	ND	mg/Kg	0.029	0.012	
			Benzo(b)fluoranthene	ND	mg/Kg	0.029	0.007	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.029	0.0081	
			Benzo(k)fluoranthene	ND	mg/Kg	0.029	0.011	
			Chrysene	ND	mg/Kg	0.029	0.011	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.029	0.0093	
			Fluoranthene	0.056	mg/Kg	0.029	0.0081	
			Fluorene	0.011	mg/Kg	0.029	0.0064	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.029	0.0031	
			Naphthalene	ND	mg/Kg	0.029	0.011	
			Phenanthrene	0.091	mg/Kg	0.029	0.0081	
			Pyrene	0.029	mg/Kg	0.029	0.0087	
01NE28PT3103	Plant Tissue	SW6010B	Chromium	0.78	mg/Kg	0.11	0.08	
		SW6020	Arsenic	0.06	mg/Kg	0.11	0.04	
			Barium	10.1	mg/Kg	0.004	0.004	
			Cadmium	0.045	mg/Kg	0.011	0.004	
			Copper	1.33	mg/Kg	0.043	0.006	
			Lead	0.358	mg/Kg	0.004	0.002	
			Nickel	0.249	mg/Kg	0.043	0.006	
			Silver	ND	mg/Kg	0.004	0.004	
			Vanadium	0.133	mg/Kg	0.043	0.004	
			Zinc	12.7	mg/Kg	0.11	0.02	
		SW7471A	Mercury	0.01	mg/Kg	0.005	0.002	
		SW7741	Selenium	0.02	mg/Kg	0.04	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.064	0.023	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.13	0.023	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.064	0.023	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.064	0.023	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.064	0.023	
			PCB-1254 (Aroclor 1254)	0.075	mg/Kg	0.064	0.023	
			PCB-1260 (Aroclor 1260)	0.61	mg/Kg	0.064	0.023	
		SW8270 SIM	2-Methylnaphthalene	0.0075	mg/Kg	0.012	0.0055	VJ
			Acenaphthene	0.0091	mg/Kg	0.012	0.0028	VJ
			Anthracene	0.0036	mg/Kg	0.012	0.0034	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.012	0.0028	
			Benzo(a)pyrene	ND	mg/Kg	0.012	0.0046	
			Benzo(b)fluoranthene	0.0077	mg/Kg	0.012	0.0028	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.012	0.0032	
			Benzo(k)fluoranthene	0.04	mg/Kg	0.012	0.0041	
			Chrysene	0.019	mg/Kg	0.012	0.0041	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.012	0.0037	
			Fluoranthene	0.095	mg/Kg	0.012	0.0032	
			Fluorene	0.011	mg/Kg	0.012	0.0025	VJ
			Indeno(1,2,3-cd)pyrene	0.0035	mg/Kg	0.012	0.0012	VJ
			Naphthalene	0.01	mg/Kg	0.012	0.0041	
			Phenanthrene	0.097	mg/Kg	0.012	0.0032	
			Pyrene	0.056	mg/Kg	0.012	0.0034	
01NE28PT3104	Plant Tissue	SW6010B	Chromium	1.72	mg/Kg	0.17	0.14	
		SW6020	Arsenic	2.14	mg/Kg	0.17	0.07	
			Barium	21.4	mg/Kg	0.007	0.007	
			Cadmium	0.042	mg/Kg	0.017	0.007	
			Copper	1.43	mg/Kg	0.067	0.01	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT3104	Plant Tissue	SW6020	Lead	1.2	mg/Kg	0.007	0.003	
			Nickel	0.634	mg/Kg	0.067	0.01	
			Silver	0.015	mg/Kg	0.007	0.007	
			Vanadium	1.21	mg/Kg	0.067	0.007	
			Zinc	7.68	mg/Kg	0.17	0.03	
		SW7471A	Mercury	0.021	mg/Kg	0.008	0.004	
		SW7741	Selenium	0.1	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.022	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.04	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.0079	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0064	mg/Kg	0.005	0.0012	
			Anthracene	0.0028	mg/Kg	0.005	0.0015	VJ
			Benzo(a)anthracene	0.0042	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	0.0036	mg/Kg	0.005	0.002	VJ
			Benzo(b)fluoranthene	0.0084	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0026	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.0077	mg/Kg	0.005	0.0018	
			Chrysene	0.018	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.079	mg/Kg	0.005	0.0014	
			Fluorene	0.0082	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.0034	mg/Kg	0.005	0.0005	VJ
			Naphthalene	0.0088	mg/Kg	0.005	0.0018	
			Phenanthrene	0.083	mg/Kg	0.005	0.0014	
			Pyrene	0.048	mg/Kg	0.005	0.0015	
01NE28PT4101	Plant Tissue	SW6010B	Chromium	0.68	mg/Kg	0.05	0.04	
		SW6020	Arsenic	0.12	mg/Kg	0.05	0.02	
			Barium	3.71	mg/Kg	0.002	0.002	
			Cadmium	0.026	mg/Kg	0.005	0.002	
			Copper	0.535	mg/Kg	0.018	0.003	
			Lead	6.17	mg/Kg	0.002	0.001	
			Nickel	0.235	mg/Kg	0.018	0.003	
			Silver	0.007	mg/Kg	0.002	0.002	
			Vanadium	0.287	mg/Kg	0.018	0.002	
			Zinc	14.8	mg/Kg	0.05	0.01	
		SW7471A	Mercury	0.008	mg/Kg	0.002	0.001	
		SW7741	Selenium	0.03	mg/Kg	0.02	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.02	0.007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.04	0.007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.02	0.007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.02	0.007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.02	0.007	
			PCB-1254 (Aroclor 1254)	0.46	mg/Kg	0.02	0.007	
			PCB-1260 (Aroclor 1260)	0.92	mg/Kg	0.02	0.007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.01	0.0048	
			Acenaphthene	ND	mg/Kg	0.01	0.0024	
			Anthracene	0.0035	mg/Kg	0.01	0.003	VJ
			Benzo(a)anthracene	0.0071	mg/Kg	0.01	0.0024	VJ
			Benzo(a)pyrene	0.0093	mg/Kg	0.01	0.004	VJ
			Benzo(b)fluoranthene	0.024	mg/Kg	0.01	0.0024	
			Benzo(g,h,i)perylene	0.0098	mg/Kg	0.01	0.0028	VJ
			Benzo(k)fluoranthene	0.017	mg/Kg	0.01	0.0036	
			Chrysene	0.031	mg/Kg	0.01	0.0036	
			Dibenzo(a,h)anthracene	0.0039	mg/Kg	0.01	0.0032	VJ

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT4101	Plant Tissue	SW8270 SIM	Fluoranthene	0.091	mg/Kg	0.01	0.0028	
			Fluorene	0.0057	mg/Kg	0.01	0.0022	VJ
			Indeno(1,2,3-cd)pyrene	0.012	mg/Kg	0.01	0.0011	
			Naphthalene	ND	mg/Kg	0.01	0.0036	
			Phenanthrene	0.076	mg/Kg	0.01	0.0028	
			Pyrene	0.064	mg/Kg	0.01	0.003	
01NE28PT4102	Plant Tissue	SW6010B	Chromium	5.11	mg/Kg	0.14	0.11	
		SW6020	Arsenic	2.38	mg/Kg	0.14	0.05	
			Barium	15	mg/Kg	0.005	0.005	
			Cadmium	0.081	mg/Kg	0.014	0.005	
			Copper	2.48	mg/Kg	0.055	0.008	
			Lead	2.82	mg/Kg	0.005	0.003	
			Nickel	2.31	mg/Kg	0.055	0.008	
			Silver	0.018	mg/Kg	0.005	0.005	
			Vanadium	2.94	mg/Kg	0.055	0.005	
			Zinc	27.3	mg/Kg	0.14	0.02	
		SW7471A	Mercury	0.017	mg/Kg	0.007	0.003	
		SW7741	Selenium	0.03	mg/Kg	0.05	0.02	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.02	0.007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.04	0.007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.02	0.007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.02	0.007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.02	0.007	
			PCB-1254 (Aroclor 1254)	0.25	mg/Kg	0.02	0.007	
			PCB-1260 (Aroclor 1260)	0.28	mg/Kg	0.02	0.007	
		SW8270 SIM	2-Methylnaphthalene	0.0067	mg/Kg	0.0099	0.0048	VJ
			Acenaphthene	0.0053	mg/Kg	0.0099	0.0024	VJ
			Anthracene	ND	mg/Kg	0.0099	0.003	
			Benzo(a)anthracene	0.0097	mg/Kg	0.0099	0.0024	VJ
			Benzo(a)pyrene	0.012	mg/Kg	0.0099	0.004	
			Benzo(b)fluoranthene	0.014	mg/Kg	0.0099	0.0024	
			Benzo(g,h,i)perylene	0.0087	mg/Kg	0.0099	0.0028	VJ
			Benzo(k)fluoranthene	0.015	mg/Kg	0.0099	0.0036	
			Chrysene	0.024	mg/Kg	0.0099	0.0036	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0099	0.0032	
			Fluoranthene	0.014	mg/Kg	0.0099	0.0028	
			Fluorene	0.0091	mg/Kg	0.0099	0.0022	VJ
			Indeno(1,2,3-cd)pyrene	0.011	mg/Kg	0.0099	0.0011	
			Naphthalene	ND	mg/Kg	0.0099	0.0036	
			Phenanthrene	0.024	mg/Kg	0.0099	0.0028	
			Pyrene	0.06	mg/Kg	0.0099	0.003	
01NE28PT5101	Plant Tissue	SW6010B	Chromium	77.5	mg/Kg	0.37	0.3	
		SW6020	Arsenic	1.47	mg/Kg	0.38	0.15	
			Barium	19.6	mg/Kg	0.015	0.015	
			Cadmium	0.137	mg/Kg	0.038	0.015	
			Copper	6.86	mg/Kg	0.15	0.023	
			Lead	11.3	mg/Kg	0.015	0.008	
			Nickel	8.61	mg/Kg	0.15	0.023	
			Silver	0.058	mg/Kg	0.015	0.015	
			Vanadium	7.28	mg/Kg	0.15	0.015	
			Zinc	30.1	mg/Kg	0.38	0.06	
		SW7471A	Mercury	0.033	mg/Kg	0.016	0.008	
		SW7741	Selenium	0.13	mg/Kg	0.15	0.05	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.2	0.07	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.4	0.07	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.2	0.07	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.2	0.07	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.2	0.07	
			PCB-1254 (Aroclor 1254)	9.3	mg/Kg	0.2	0.07	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT5101	Plant Tissue	SW8082	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.2	0.07	
		SW8270 SIM	2-Methylnaphthalene	0.026	mg/Kg	0.005	0.0024	
			Acenaphthene	0.075	mg/Kg	0.005	0.0012	
			Anthracene	0.05	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.24	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.3	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.24	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.15	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	0.34	mg/Kg	0.005	0.0018	
			Chrysene	0.42	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.043	mg/Kg	0.005	0.0016	
			Fluoranthene	1	mg/Kg	0.025	0.007	
			Fluorene	0.077	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.21	mg/Kg	0.005	0.0005	
			Naphthalene	0.042	mg/Kg	0.005	0.0018	
			Phenanthrene	1	mg/Kg	0.025	0.007	
			Pyrene	0.93	mg/Kg	0.005	0.0015	
01NE28PT5102	Plant Tissue	SW6010B	Chromium	0.68	mg/Kg	0.09	0.07	
		SW6020	Arsenic	ND	mg/Kg	0.08	0.03	
			Barium	14.6	mg/Kg	0.003	0.003	
			Cadmium	0.087	mg/Kg	0.008	0.003	
			Copper	1.25	mg/Kg	0.033	0.005	
			Lead	0.29	mg/Kg	0.003	0.002	
			Nickel	1.3	mg/Kg	0.033	0.005	
			Silver	ND	mg/Kg	0.003	0.003	
			Vanadium	0.171	mg/Kg	0.033	0.003	
			Zinc	8.47	mg/Kg	0.08	0.01	
		SW7471A	Mercury	0.003	mg/Kg	0.004	0.002	
		SW7741	Selenium	ND	mg/Kg	0.03	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.0027	0.0009	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.0053	0.0009	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.0027	0.0009	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.0027	0.0009	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.0027	0.0009	
			PCB-1254 (Aroclor 1254)	0.12	mg/Kg	0.0027	0.0009	
			PCB-1260 (Aroclor 1260)	0.067	mg/Kg	0.0027	0.0009	
		SW8270 SIM	2-Methylnaphthalene	0.009	mg/Kg	0.0098	0.0047	VJ
			Acenaphthene	0.023	mg/Kg	0.0098	0.0024	
			Anthracene	ND	mg/Kg	0.0098	0.003	
			Benzo(a)anthracene	0.0058	mg/Kg	0.0098	0.0024	VJ
			Benzo(a)pyrene	0.0069	mg/Kg	0.0098	0.0039	VJ
			Benzo(b)fluoranthene	0.011	mg/Kg	0.0098	0.0024	
			Benzo(g,h,i)perylene	0.0044	mg/Kg	0.0098	0.0028	VJ
			Benzo(k)fluoranthene	0.11	mg/Kg	0.0098	0.0035	
			Chrysene	0.011	mg/Kg	0.0098	0.0035	
			Dibenzo(a,h)anthracene	0.0035	mg/Kg	0.0098	0.0032	VJ
			Fluoranthene	0.025	mg/Kg	0.0098	0.0028	
			Fluorene	0.014	mg/Kg	0.0098	0.0022	
			Indeno(1,2,3-cd)pyrene	0.0094	mg/Kg	0.0098	0.0011	VJ
Naphthalene	0.0082		mg/Kg	0.0098	0.0035	VJ		
Phenanthrene	0.058		mg/Kg	0.0098	0.0028			
Pyrene	0.021	mg/Kg	0.0098	0.003				
01NE28PT5103	Plant Tissue	SW6010B	Chromium	1.7	mg/Kg	0.4	0.32	
		SW6020	Arsenic	0.37	mg/Kg	0.4	0.16	VJ
			Barium	3.18	mg/Kg	0.016	0.016	
			Cadmium	0.081	mg/Kg	0.04	0.016	
			Copper	3.28	mg/Kg	0.161	0.024	
			Lead	11.1	mg/Kg	0.016	0.008	
			Nickel	0.645	mg/Kg	0.161	0.024	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT5103	Plant Tissue	SW6020	Silver	0.026	mg/Kg	0.016	0.016	
			Vanadium	0.616	mg/Kg	0.161	0.016	
			Zinc	27.7	mg/Kg	0.4	0.06	
		SW7471A	Mercury	0.16	mg/Kg	0.018	0.009	
		SW7741	Selenium	0.99	mg/Kg	0.16	0.05	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.047	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.052	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.0028	mg/Kg	0.005	0.0024	VJ
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.0018	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	0.002	mg/Kg	0.005	0.0018	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0072	mg/Kg	0.005	0.0014	
			Fluorene	0.002	mg/Kg	0.005	0.0011	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.0005	
			Naphthalene	0.0027	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.014	mg/Kg	0.005	0.0014	
			Pyrene	0.0048	mg/Kg	0.005	0.0015	VJ
01NE28PT5104	Plant Tissue	SW6010B	Chromium	5.89	mg/Kg	0.15	0.12	
		SW6020	Arsenic	0.29	mg/Kg	0.15	0.06	
			Barium	25.9	mg/Kg	0.006	0.006	
			Cadmium	0.201	mg/Kg	0.015	0.006	
			Copper	1.83	mg/Kg	0.058	0.009	
			Lead	3.43	mg/Kg	0.006	0.003	
			Nickel	2.45	mg/Kg	0.058	0.009	
			Silver	0.012	mg/Kg	0.006	0.006	
			Vanadium	1.72	mg/Kg	0.058	0.006	
			Zinc	14.2	mg/Kg	0.15	0.02	
		SW7471A	Mercury	0.014	mg/Kg	0.01	0.005	
		SW7741	Selenium	0.02	mg/Kg	0.06	0.02	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.13	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.067	mg/Kg	0.002	0.0007	VHB
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0024	mg/Kg	0.005	0.0012	VJ
			Anthracene	0.0026	mg/Kg	0.005	0.0015	VJ
			Benzo(a)anthracene	0.0095	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.013	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.015	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0075	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	0.011	mg/Kg	0.005	0.0018	
			Chrysene	0.018	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.0041	mg/Kg	0.005	0.0016	VJ
			Fluoranthene	0.029	mg/Kg	0.005	0.0014	
			Fluorene	0.0031	mg/Kg	0.005	0.0011	VJ

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT5104	Plant Tissue	SW8270 SIM	Indeno(1,2,3-cd)pyrene	0.013	mg/Kg	0.005	0.0005	
			Naphthalene	0.0023	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.029	mg/Kg	0.005	0.0014	
			Pyrene	0.031	mg/Kg	0.005	0.0015	
01NE28PT5105	Plant Tissue	SW6010B	Chromium	1.35	mg/Kg	0.32	0.26	
		SW6020	Arsenic	ND	mg/Kg	0.33	0.13	
			Barium	26.7	mg/Kg	0.013	0.013	
			Cadmium	0.024	mg/Kg	0.033	0.013	VJ
			Copper	3.38	mg/Kg	0.13	0.02	
			Lead	1.36	mg/Kg	0.013	0.006	
			Nickel	0.968	mg/Kg	0.13	0.02	
			Silver	ND	mg/Kg	0.013	0.013	
			Vanadium	0.267	mg/Kg	0.13	0.013	
			Zinc	14.9	mg/Kg	0.33	0.05	
		SW7471A	Mercury	0.027	mg/Kg	0.013	0.007	
		SW7741	Selenium	ND	mg/Kg	0.13	0.04	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.15	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.078	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.014	mg/Kg	0.005	0.0024	
			Acenaphthene	0.052	mg/Kg	0.005	0.0012	
			Anthracene	0.011	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.069	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.089	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.053	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.059	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	0.11	mg/Kg	0.005	0.0018	
			Chrysene	0.11	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.023	mg/Kg	0.005	0.0016	
			Fluoranthene	0.45	mg/Kg	0.005	0.0014	
			Fluorene	0.032	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.1	mg/Kg	0.005	0.0005	
			Naphthalene	0.013	mg/Kg	0.005	0.0018	
			Phenanthrene	0.28	mg/Kg	0.005	0.0014	
			Pyrene	0.27	mg/Kg	0.005	0.0015	
01NE28PT5106	Plant Tissue	SW6010B	Chromium	0.74	mg/Kg	0.24	0.19	
		SW6020	Arsenic	ND	mg/Kg	0.24	0.1	
			Barium	29.3	mg/Kg	0.01	0.01	
			Cadmium	1.13	mg/Kg	0.024	0.01	
			Copper	1.77	mg/Kg	0.097	0.015	
			Lead	0.384	mg/Kg	0.01	0.005	
			Nickel	1	mg/Kg	0.097	0.015	
			Silver	0.012	mg/Kg	0.01	0.01	
			Vanadium	0.045	mg/Kg	0.097	0.01	VJ
			Zinc	49.7	mg/Kg	0.24	0.04	
		SW7471A	Mercury	0.008	mg/Kg	0.011	0.006	VJ
		SW7741	Selenium	ND	mg/Kg	0.1	0.03	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.0035	0.0013	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.007	0.0013	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.0035	0.0013	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.0035	0.0013	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.0035	0.0013	
			PCB-1254 (Aroclor 1254)	0.07	mg/Kg	0.0035	0.0013	
			PCB-1260 (Aroclor 1260)	0.015	mg/Kg	0.0035	0.0013	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.01	0.0048	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT5106	Plant Tissue	SW8270 SIM	Acenaphthene	0.0039	mg/Kg	0.01	0.0024	VJ
			Anthracene	0.0075	mg/Kg	0.01	0.003	VJ
			Benzo(a)anthracene	0.0057	mg/Kg	0.01	0.0024	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.01	0.004	
			Benzo(b)fluoranthene	0.005	mg/Kg	0.01	0.0024	VJ
			Benzo(g,h,i)perylene	0.0031	mg/Kg	0.01	0.0028	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.01	0.0053	
			Chrysene	0.0072	mg/Kg	0.01	0.0036	VJ
			Dibenzo(a,h)anthracene	0.0035	mg/Kg	0.01	0.0032	VJ
			Fluoranthene	0.042	mg/Kg	0.01	0.0028	
			Fluorene	0.0072	mg/Kg	0.01	0.0022	VJ
			Indeno(1,2,3-cd)pyrene	0.0049	mg/Kg	0.01	0.0011	VJ
			Naphthalene	0.0043	mg/Kg	0.01	0.0036	VJ
			Phenanthrene	0.064	mg/Kg	0.01	0.0028	
			Pyrene	0.069	mg/Kg	0.01	0.003	
01NE28PT5107	Plant Tissue	E200.8	Antimony	0.003	mg/Kg	0.006	0.002	VJ
			Arsenic	ND	mg/Kg	0.06	0.01	
			Barium	0.445	mg/Kg	0.012	0.002	
			Cadmium	0.002	mg/Kg	0.0062	0.001	VJ
			Lead	0.065	mg/Kg	0.002	0.001	
			Nickel	0.06	mg/Kg	0.02	0.02	
			Silver	ND	mg/Kg	0.002	0.002	
			Vanadium	0.016	mg/Kg	0.025	0.002	VJ
			Zinc	1.29	mg/Kg	0.06	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.06	0.05	
			Copper	0.58	mg/Kg	0.12	0.02	
		SW7471A	Mercury	ND	mg/Kg	0.004	0.002	
		SW7741	Selenium	ND	mg/Kg	0.025	0.007	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0049	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.0049	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.0005	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	0.0027	mg/Kg	0.005	0.0014	VJ
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE28PT5204	Plant Tissue	SW6010B	Chromium	13.4	mg/Kg	0.19	0.15	
		SW6020	Arsenic	0.8	mg/Kg	0.18	0.07	
			Barium	53.1	mg/Kg	0.007	0.007	
			Cadmium	0.295	mg/Kg	0.018	0.007	
			Copper	4.18	mg/Kg	0.073	0.011	
			Lead	6.54	mg/Kg	0.007	0.004	
			Nickel	5.03	mg/Kg	0.073	0.011	
			Silver	0.034	mg/Kg	0.007	0.007	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT5204	Plant Tissue	SW6020	Vanadium	4.53	mg/Kg	0.073	0.007	
			Zinc	24.1	mg/Kg	0.18	0.03	
		SW7471A	Mercury	0.027	mg/Kg	0.012	0.006	
		SW7741	Selenium	0.08	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.01	0.0035	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.02	0.0035	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.01	0.0035	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.01	0.0035	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.01	0.0035	
			PCB-1254 (Aroclor 1254)	0.31	mg/Kg	0.01	0.0035	
			PCB-1260 (Aroclor 1260)	0.13	mg/Kg	0.01	0.0035	
		SW8270 SIM	2-Methylnaphthalene	0.023	mg/Kg	0.005	0.0024	
			Acenaphthene	0.075	mg/Kg	0.005	0.0012	
			Anthracene	0.029	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.21	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.33	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.29	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.19	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	0.3	mg/Kg	0.005	0.0018	
			Chrysene	0.41	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.062	mg/Kg	0.005	0.0016	
			Fluoranthene	0.98	mg/Kg	0.005	0.0014	
			Fluorene	0.078	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.36	mg/Kg	0.005	0.0005	
			Naphthalene	0.041	mg/Kg	0.005	0.0018	
			Phenanthrene	1.1	mg/Kg	0.025	0.007	
			Pyrene	0.92	mg/Kg	0.005	0.0015	
01NE28PT6101	Plant Tissue	SW6010B	Chromium	6.05	mg/Kg	0.37	0.3	
		SW6020	Arsenic	0.62	mg/Kg	0.38	0.15	
			Barium	16.9	mg/Kg	0.015	0.015	
			Cadmium	0.286	mg/Kg	0.038	0.015	
			Copper	4.26	mg/Kg	0.15	0.023	
			Lead	3.93	mg/Kg	0.015	0.008	
			Nickel	3.18	mg/Kg	0.15	0.023	
			Silver	0.039	mg/Kg	0.015	0.015	
			Vanadium	3.41	mg/Kg	0.15	0.015	
			Zinc	39.8	mg/Kg	0.38	0.06	
		SW7471A	Mercury	0.039	mg/Kg	0.016	0.008	
		SW7741	Selenium	0.1	mg/Kg	0.15	0.05	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.011	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.041	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	0.0035	mg/Kg	0.005	0.0024	VJ
			Acenaphthene	0.0023	mg/Kg	0.005	0.0012	VJ
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.0021	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	0.0022	mg/Kg	0.005	0.0018	VJ
			Chrysene	0.0019	mg/Kg	0.005	0.0018	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.011	mg/Kg	0.005	0.0014	
			Fluorene	0.0053	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.0005	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT6101	Plant Tissue	SW8270 SIM	Naphthalene	0.0018	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.028	mg/Kg	0.005	0.0014	
			Pyrene	0.006	mg/Kg	0.005	0.0015	
01NE28PT6102	Plant Tissue	SW6010B	Chromium	1.01	mg/Kg	0.22	0.17	
		SW6020	Arsenic	ND	mg/Kg	0.21	0.09	
			Barium	11.5	mg/Kg	0.009	0.009	
			Cadmium	0.883	mg/Kg	0.021	0.009	
			Copper	2.19	mg/Kg	0.086	0.013	
			Lead	0.682	mg/Kg	0.009	0.004	
			Nickel	1.1	mg/Kg	0.086	0.013	
			Silver	0.011	mg/Kg	0.009	0.009	
			Vanadium	0.359	mg/Kg	0.086	0.009	
			Zinc	56.7	mg/Kg	0.21	0.03	
		SW7471A	Mercury	0.008	mg/Kg	0.01	0.005	VJ
		SW7741	Selenium	ND	mg/Kg	0.09	0.03	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.0068	0.0024	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.014	0.0024	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.0068	0.0024	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.0068	0.0024	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.0068	0.0024	
			PCB-1254 (Aroclor 1254)	0.011	mg/Kg	0.0068	0.0024	
			PCB-1260 (Aroclor 1260)	0.005	mg/Kg	0.0068	0.0024	VJ
		SW8270 SIM	2-Methylnaphthalene	0.0076	mg/Kg	0.011	0.0053	VJ
			Acenaphthene	0.013	mg/Kg	0.011	0.0027	
			Anthracene	0.049	mg/Kg	0.011	0.0033	
			Benzo(a)anthracene	0.075	mg/Kg	0.011	0.0027	
			Benzo(a)pyrene	0.021	mg/Kg	0.011	0.0044	
			Benzo(b)fluoranthene	0.053	mg/Kg	0.011	0.0027	
			Benzo(g,h,i)perylene	0.013	mg/Kg	0.011	0.0031	
			Benzo(k)fluoranthene	0.046	mg/Kg	0.011	0.004	
			Chrysene	0.087	mg/Kg	0.011	0.004	
			Dibenzo(a,h)anthracene	0.013	mg/Kg	0.011	0.0036	
			Fluoranthene	0.38	mg/Kg	0.011	0.0031	
			Fluorene	0.022	mg/Kg	0.011	0.0025	
			Indeno(1,2,3-cd)pyrene	0.024	mg/Kg	0.011	0.0012	
			Naphthalene	0.0078	mg/Kg	0.011	0.004	VJ
			Phenanthrene	0.29	mg/Kg	0.011	0.0031	
			Pyrene	0.28	mg/Kg	0.011	0.0033	
01NE28PT6103	Plant Tissue	SW6010B	Chromium	8.99	mg/Kg	0.13	0.1	
		SW6020	Arsenic	0.56	mg/Kg	0.13	0.05	
			Barium	21.3	mg/Kg	0.005	0.005	
			Cadmium	0.175	mg/Kg	0.013	0.005	
			Copper	2.82	mg/Kg	0.051	0.008	
			Lead	3.48	mg/Kg	0.005	0.003	
			Nickel	4.2	mg/Kg	0.051	0.008	
			Silver	0.019	mg/Kg	0.005	0.005	
			Vanadium	3.64	mg/Kg	0.051	0.005	
			Zinc	27.6	mg/Kg	0.13	0.02	
		SW7471A	Mercury	0.021	mg/Kg	0.008	0.004	
		SW7741	Selenium	0.05	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0097	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.0095	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0037	mg/Kg	0.005	0.0012	VJ

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28PT6103	Plant Tissue	SW8270 SIM	Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.0025	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	0.0027	mg/Kg	0.005	0.002	VJ
			Benzo(b)fluoranthene	0.0045	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	0.0019	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.0045	mg/Kg	0.005	0.0018	VJ
			Chrysene	0.0037	mg/Kg	0.005	0.0018	VJ
			Dibenzo(a,h)anthracene	0.0019	mg/Kg	0.005	0.0016	VJ
			Fluoranthene	0.0083	mg/Kg	0.005	0.0014	
			Fluorene	0.0025	mg/Kg	0.005	0.0011	VJ
			Indeno(1,2,3-cd)pyrene	0.0041	mg/Kg	0.005	0.0005	VJ
			Naphthalene	0.0019	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.013	mg/Kg	0.005	0.0014	
			Pyrene	0.0073	mg/Kg	0.005	0.0015	
01NE28SD111	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	640	mg/Kg	15	2.8	
		AK103	RRO	520	mg/Kg	31	31	VJ
		DU	Total Organic Carbon (TOC)	21	PERCENT	0.044	0.005	
		E160.3	Total Solids	11.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	17	mg/Kg	3	0.9	
			Lead	20	mg/Kg	10	4	
			Zinc	94	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.21	0.0548	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.41	0.0656	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.21	0.0283	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.21	0.0334	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.21	0.0219	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.21	0.0663	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.21	0.0537	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.037	0.037	
			Acenaphthene	ND	mg/Kg	0.037	0.025	
			Acenaphthylene	0.04	mg/Kg	0.037	0.024	
			Anthracene	ND	mg/Kg	0.037	0.024	
			Benzo(a)anthracene	ND	mg/Kg	0.037	0.02	
			Benzo(a)pyrene	ND	mg/Kg	0.037	0.018	
			Benzo(b)fluoranthene	ND	mg/Kg	0.037	0.024	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.037	0.02	
			Benzo(k)fluoranthene	ND	mg/Kg	0.037	0.018	
			Chrysene	0.044	mg/Kg	0.037	0.017	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.037	0.018	
			Dibenzofuran	ND	mg/Kg	0.037	0.037	
			Fluoranthene	0.16	mg/Kg	0.037	0.019	
			Fluorene	ND	mg/Kg	0.037	0.028	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.037	0.025	
			Naphthalene	ND	mg/Kg	0.037	0.035	
			Phenanthrene	0.21	mg/Kg	0.037	0.024	
			Pyrene	0.18	mg/Kg	0.037	0.021	
01NE28SD112	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	610	mg/Kg	56	10	
		AK103	RRO	1800	mg/Kg	110	110	VJ
		DU	Total Organic Carbon (TOC)	7	PERCENT	0.005	0.005	
		E160.3	Total Solids	49.5	PERCENT	0.01	0.01	
		SW6010B	Chromium	23.7	mg/Kg	0.9	0.2	
			Lead	14	mg/Kg	4	1	
			Zinc	46	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.075	0.02	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.15	0.024	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.075	0.0103	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.075	0.0122	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.075	0.008	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.075	0.0242	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD112	Subsurface Sediment Depth 1.5 to 2 feet bgs	SW8082	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.075	0.0196	
		SW8270 SIM	2-Methylnaphthalene	0.039	mg/Kg	0.014	0.014	
			Acenaphthene	ND	mg/Kg	0.014	0.0091	
			Acenaphthylene	ND	mg/Kg	0.014	0.0089	
			Anthracene	ND	mg/Kg	0.014	0.0089	
			Benzo(a)anthracene	ND	mg/Kg	0.014	0.0075	
			Benzo(a)pyrene	ND	mg/Kg	0.014	0.0065	
			Benzo(b)fluoranthene	ND	mg/Kg	0.014	0.0087	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.014	0.0075	
			Benzo(k)fluoranthene	ND	mg/Kg	0.014	0.0067	
			Chrysene	ND	mg/Kg	0.014	0.0063	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.014	0.0065	
			Dibenzofuran	ND	mg/Kg	0.014	0.014	
			Fluoranthene	ND	mg/Kg	0.014	0.0069	
			Fluorene	ND	mg/Kg	0.014	0.01	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.014	0.0093	
			Naphthalene	ND	mg/Kg	0.014	0.013	
			Phenanthrene	0.015	mg/Kg	0.014	0.0087	
			Pyrene	ND	mg/Kg	0.014	0.0077	
01NE28SD113	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	180	mg/Kg	19	3.4	
		AK103	RRO	420	mg/Kg	38	38	VJ
		DU	Total Organic Carbon (TOC)	30	PERCENT	0.056	0.005	
		E160.3	Total Solids	12.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	12	mg/Kg	3	0.9	
			Lead	10	mg/Kg	10	4	
			Zinc	183	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.26	0.0685	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.51	0.0821	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.26	0.0354	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.26	0.0418	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.26	0.0274	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.26	0.0828	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.26	0.0672	VQQ
		SW8270 SIM	2-Methylnaphthalene	0.16	mg/Kg	0.045	0.045	
			Acenaphthene	ND	mg/Kg	0.045	0.03	
			Acenaphthylene	ND	mg/Kg	0.045	0.03	
			Anthracene	ND	mg/Kg	0.045	0.03	
			Benzo(a)anthracene	ND	mg/Kg	0.045	0.025	
			Benzo(a)pyrene	ND	mg/Kg	0.045	0.021	
			Benzo(b)fluoranthene	ND	mg/Kg	0.045	0.029	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.045	0.025	
			Benzo(k)fluoranthene	ND	mg/Kg	0.045	0.022	
			Chrysene	ND	mg/Kg	0.045	0.021	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.045	0.021	
			Dibenzofuran	ND	mg/Kg	0.045	0.045	
			Fluoranthene	ND	mg/Kg	0.045	0.023	
			Fluorene	0.063	mg/Kg	0.045	0.034	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.045	0.031	
			Naphthalene	ND	mg/Kg	0.045	0.042	
			Phenanthrene	ND	mg/Kg	0.045	0.029	
			Pyrene	0.063	mg/Kg	0.045	0.026	
01NE28SD114	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	680	mg/Kg	70	13	
		AK103	RRO	3200	mg/Kg	140	140	VJ
		DU	Total Organic Carbon (TOC)	37	PERCENT	0.062	0.005	
		E160.3	Total Solids	26.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	20	mg/Kg	2	0.4	
			Lead	10	mg/Kg	6	2	
			Zinc	37	mg/Kg	2	0.9	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.094	0.0251	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD114	Sediment Depth 0 to 0.5 feet bgs	SW8082	PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.19	0.03	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.094	0.013	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.094	0.0153	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.094	0.01	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.094	0.0303	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.094	0.0246	
		SW8270 SIM	2-Methylnaphthalene	1.4	mg/Kg	0.017	0.017	VLB
			Acenaphthene	0.074	mg/Kg	0.017	0.011	
			Acenaphthylene	ND	mg/Kg	0.017	0.011	VQQ
			Anthracene	ND	mg/Kg	0.017	0.011	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.017	0.0093	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.017	0.008	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.017	0.011	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.017	0.0093	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.017	0.0083	VQQ
			Chrysene	ND	mg/Kg	0.017	0.0078	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.017	0.008	VQQ
			Dibenzofuran	0.033	mg/Kg	0.017	0.017	VLB
			Fluoranthene	ND	mg/Kg	0.017	0.0085	VQQ
			Fluorene	0.14	mg/Kg	0.017	0.013	VLB
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.017	0.012	VQQ
			Naphthalene	0.33	mg/Kg	0.017	0.016	VLB
			Phenanthrene	0.018	mg/Kg	0.017	0.011	VLB
			Pyrene	ND	mg/Kg	0.017	0.0095	VQQ
01NE28SD115	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	360	mg/Kg	68	12	
		AK103	RRO	1600	mg/Kg	140	140	VJ
		DU	Total Organic Carbon (TOC)	35	PERCENT	0.043	0.005	
		E160.3	Total Solids	17.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	10	mg/Kg	3	0.8	
			Lead	ND	mg/Kg	10	4	
			Zinc	16	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.23	0.0607	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.45	0.0727	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.23	0.0314	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.23	0.037	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.23	0.0243	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.23	0.0734	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.23	0.0595	
		SW8270 SIM	2-Methylnaphthalene	8.7	mg/Kg	0.27	0.27	
			Acenaphthene	0.34	mg/Kg	0.041	0.028	
			Acenaphthylene	ND	mg/Kg	0.041	0.027	
			Anthracene	ND	mg/Kg	0.041	0.027	
			Benzo(a)anthracene	ND	mg/Kg	0.041	0.023	
			Benzo(a)pyrene	ND	mg/Kg	0.041	0.02	
			Benzo(b)fluoranthene	ND	mg/Kg	0.041	0.026	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.041	0.023	
			Benzo(k)fluoranthene	ND	mg/Kg	0.041	0.02	
			Chrysene	ND	mg/Kg	0.041	0.019	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.041	0.02	
			Dibenzofuran	0.15	mg/Kg	0.041	0.041	
			Fluoranthene	ND	mg/Kg	0.041	0.021	
			Fluorene	0.6	mg/Kg	0.041	0.031	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.041	0.028	
			Naphthalene	1.7	mg/Kg	0.041	0.039	
			Phenanthrene	ND	mg/Kg	0.041	0.026	
			Pyrene	ND	mg/Kg	0.041	0.023	
01NE28SD116	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	310	mg/Kg	50	7.2	
		AK103	RRO	1500	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	3.9	PERCENT	0.005	0.005	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD116	Sediment Depth 0 to 0.5 feet bgs	E160.3	Total Solids	59.6	PERCENT	0.01	0.01	
		SW6010B	Chromium	25.7	mg/Kg	0.7	0.2	
			Lead	9	mg/Kg	3	1	
			Zinc	45.1	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.053	0.0142	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.11	0.0171	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.053	0.0074	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.053	0.0087	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.053	0.0057	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.053	0.0172	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.053	0.014	
		SW8270 SIM	2-Methylnaphthalene	0.21	mg/Kg	0.0094	0.0094	
			Acenaphthene	ND	mg/Kg	0.0094	0.0063	
			Acenaphthylene	ND	mg/Kg	0.0094	0.0062	
			Anthracene	ND	mg/Kg	0.0094	0.0062	
			Benzo(a)anthracene	ND	mg/Kg	0.0094	0.0052	
			Benzo(a)pyrene	ND	mg/Kg	0.0094	0.0045	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0094	0.006	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0094	0.0052	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0094	0.0046	
			Chrysene	ND	mg/Kg	0.0094	0.0044	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0094	0.0045	
			Dibenzofuran	ND	mg/Kg	0.0094	0.0094	
			Fluoranthene	ND	mg/Kg	0.0094	0.0048	
			Fluorene	ND	mg/Kg	0.0094	0.007	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0094	0.0065	
			Naphthalene	0.11	mg/Kg	0.0094	0.0089	
			Phenanthrene	ND	mg/Kg	0.0094	0.006	
			Pyrene	ND	mg/Kg	0.0094	0.0053	
01NE28SD117	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	1500	mg/Kg	50	8.2	
		AK103	RRO	920	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	4.5	PERCENT	0.005	0.005	
		E160.3	Total Solids	67.3	PERCENT	0.01	0.01	
		SW6010B	Chromium	4.4	mg/Kg	0.7	0.2	
			Lead	5	mg/Kg	3	1	
			Zinc	17	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.061	0.0163	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.0195	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.061	0.0084	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.061	0.0099	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.061	0.0065	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.061	0.0197	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.061	0.016	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.091	0.091	
			Acenaphthene	ND	mg/Kg	0.091	0.061	
			Acenaphthylene	ND	mg/Kg	0.091	0.06	
			Anthracene	ND	mg/Kg	0.091	0.06	
			Benzo(a)anthracene	ND	mg/Kg	0.091	0.05	
			Benzo(a)pyrene	ND	mg/Kg	0.091	0.044	
			Benzo(b)fluoranthene	ND	mg/Kg	0.091	0.059	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.091	0.05	
			Benzo(k)fluoranthene	ND	mg/Kg	0.091	0.045	
			Chrysene	ND	mg/Kg	0.091	0.042	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.091	0.044	
			Dibenzofuran	ND	mg/Kg	0.091	0.091	
			Fluoranthene	ND	mg/Kg	0.091	0.046	
			Fluorene	ND	mg/Kg	0.091	0.068	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.091	0.063	
			Naphthalene	ND	mg/Kg	0.091	0.086	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD117	Sediment	SW8270 SIM	Phenanthrene	ND	mg/Kg	0.091	0.059	
			Pyrene	ND	mg/Kg	0.091	0.052	
01NE28SD118	Subsurface Sediment	AK102	DRO	330	mg/Kg	50	6.7	
		AK103	RRO	430	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	3.5	PERCENT	0.005	0.005	
		E160.3	Total Solids	66.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	19	mg/Kg	0.7	0.2	
			Lead	9	mg/Kg	3	0.9	
			Zinc	40.1	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.05	0.0133	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.099	0.0159	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.05	0.0069	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.05	0.0081	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.05	0.0053	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.05	0.016	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.05	0.013	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.012	0.012	
			Acenaphthene	ND	mg/Kg	0.012	0.0084	
			Acenaphthylene	ND	mg/Kg	0.012	0.0082	
			Anthracene	ND	mg/Kg	0.012	0.0082	
			Benzo(a)anthracene	ND	mg/Kg	0.012	0.0069	
			Benzo(a)pyrene	ND	mg/Kg	0.012	0.006	
			Benzo(b)fluoranthene	ND	mg/Kg	0.012	0.008	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.012	0.0069	
			Benzo(k)fluoranthene	ND	mg/Kg	0.012	0.0061	
			Chrysene	ND	mg/Kg	0.012	0.0058	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.012	0.006	
			Dibenzofuran	ND	mg/Kg	0.012	0.012	
			Fluoranthene	ND	mg/Kg	0.012	0.0063	
			Fluorene	ND	mg/Kg	0.012	0.0093	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.012	0.0086	
			Naphthalene	ND	mg/Kg	0.012	0.012	
			Phenanthrene	ND	mg/Kg	0.012	0.008	
			Pyrene	ND	mg/Kg	0.012	0.0071	
01NE28SD119	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	36000	mg/Kg	1500	270	
		AK103	RRO	9000	mg/Kg	3000	3000	VJ
		DU	Total Organic Carbon (TOC)	32	PERCENT	0.075	0.005	
		E160.3	Total Solids	12.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	39	mg/Kg	3	0.7	
			Lead	70	mg/Kg	10	3	
			Zinc	1040	mg/Kg	3	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.2	0.0545	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.41	0.0653	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.2	0.0282	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.2	0.0333	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.2	0.0218	
			PCB-1254 (Aroclor 1254)	0.34	mg/Kg	0.2	0.0659	
			PCB-1260 (Aroclor 1260)	0.39	mg/Kg	0.2	0.0535	
		SW8270 SIM	2-Methylnaphthalene	7.5	mg/Kg	0.31	0.31	
			Acenaphthene	1.7	mg/Kg	0.31	0.21	
			Acenaphthylene	ND	mg/Kg	0.31	0.21	
			Anthracene	0.69	mg/Kg	0.31	0.21	
			Benzo(a)anthracene	0.72	mg/Kg	0.31	0.17	
			Benzo(a)pyrene	0.44	mg/Kg	0.31	0.15	
			Benzo(b)fluoranthene	0.97	mg/Kg	0.31	0.2	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.31	0.17	
			Benzo(k)fluoranthene	0.66	mg/Kg	0.31	0.15	
			Chrysene	2.2	mg/Kg	0.31	0.15	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.31	0.15	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD119	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Dibenzofuran	3.3	mg/Kg	0.31	0.31	
			Fluoranthene	9.7	mg/Kg	0.31	0.16	
			Fluorene	4.6	mg/Kg	0.31	0.23	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.31	0.22	
			Naphthalene	3.9	mg/Kg	0.31	0.3	
			Phenanthrene	21	mg/Kg	0.31	0.2	
			Pyrene	6.9	mg/Kg	0.31	0.18	
01NE28SD120	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	480	mg/Kg	15	2.6	VLB
		AK103	RRO	1000	mg/Kg	29	29	VLB
		DU	Total Organic Carbon (TOC)	28	PERCENT	0.057	0.005	
		E160.3	Total Solids	14.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	13	mg/Kg	4	1	
			Lead	ND	mg/Kg	20	5	
			Zinc	28	mg/Kg	5	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.19	0.0518	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.39	0.0621	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.19	0.0268	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.19	0.0317	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.19	0.0208	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.19	0.0627	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.19	0.0509	
		SW8270 SIM	2-Methylnaphthalene	6.6	mg/Kg	0.12	0.12	
			Acenaphthene	0.27	mg/Kg	0.012	0.0078	
			Acenaphthylene	ND	mg/Kg	0.012	0.0076	
			Anthracene	ND	mg/Kg	0.012	0.0076	
			Benzo(a)anthracene	ND	mg/Kg	0.012	0.0064	
			Benzo(a)pyrene	ND	mg/Kg	0.012	0.0056	
			Benzo(b)fluoranthene	ND	mg/Kg	0.012	0.0075	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.012	0.0064	
			Benzo(k)fluoranthene	ND	mg/Kg	0.012	0.0057	
			Chrysene	ND	mg/Kg	0.012	0.0054	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.012	0.0056	
			Dibenzofuran	0.095	mg/Kg	0.012	0.012	
			Fluoranthene	0.015	mg/Kg	0.012	0.0059	
			Fluorene	0.25	mg/Kg	0.012	0.0087	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.012	0.008	
			Naphthalene	1.6	mg/Kg	0.12	0.11	
			Phenanthrene	0.05	mg/Kg	0.012	0.0075	
			Pyrene	ND	mg/Kg	0.012	0.0066	
		SW8270 SIM	DRO	74	mg/Kg	14	2.4	
			RRO	580	mg/Kg	27	27	VJ
			Total Organic Carbon (TOC)	34	PERCENT	0.066	0.005	
			Total Solids	17.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	9	mg/Kg	3	0.8	
			Lead	ND	mg/Kg	10	4	
			Zinc	21	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.18	0.0483	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.36	0.0579	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.18	0.025	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.18	0.0295	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.18	0.0194	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.18	0.0585	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.18	0.0474	
01NE28SD121	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	2-Methylnaphthalene	0.33	mg/Kg	0.011	0.011	
			Acenaphthene	0.016	mg/Kg	0.011	0.0073	
			Acenaphthylene	ND	mg/Kg	0.011	0.0071	
			Anthracene	ND	mg/Kg	0.011	0.0071	
			Benzo(a)anthracene	ND	mg/Kg	0.011	0.006	
			Benzo(a)pyrene	ND	mg/Kg	0.011	0.0052	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD121	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Benzo(b)fluoranthene	ND	mg/Kg	0.011	0.0069	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.011	0.006	
			Benzo(k)fluoranthene	ND	mg/Kg	0.011	0.0053	
			Chrysene	ND	mg/Kg	0.011	0.005	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.011	0.0052	
			Dibenzofuran	ND	mg/Kg	0.011	0.011	
			Fluoranthene	0.016	mg/Kg	0.011	0.0055	
			Fluorene	0.011	mg/Kg	0.011	0.0081	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.011	0.0074	
			Naphthalene	0.24	mg/Kg	0.011	0.01	
			Phenanthrene	0.015	mg/Kg	0.011	0.0069	
			Pyrene	ND	mg/Kg	0.011	0.0061	
01NE28SD122	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	310	mg/Kg	17	3	VLB
		AK103	RRO	910	mg/Kg	33	33	VLB
		DU	Total Organic Carbon (TOC)	49	PERCENT	0.075	0.005	
		E160.3	Total Solids	8.28	PERCENT	0.01	0.01	
		SW6010B	Chromium	ND	mg/Kg	4	1	
			Lead	ND	mg/Kg	20	5	
			Zinc	15	mg/Kg	5	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.22	0.0593	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.44	0.0711	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.22	0.0307	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.22	0.0362	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.22	0.0238	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.22	0.0718	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.22	0.0582	
		SW8270 SIM	2-Methylnaphthalene	0.022	mg/Kg	0.013	0.013	
			Acenaphthene	ND	mg/Kg	0.013	0.009	
			Acenaphthylene	ND	mg/Kg	0.013	0.0088	
			Anthracene	ND	mg/Kg	0.013	0.0088	
			Benzo(a)anthracene	ND	mg/Kg	0.013	0.0074	
			Benzo(a)pyrene	ND	mg/Kg	0.013	0.0064	
			Benzo(b)fluoranthene	ND	mg/Kg	0.013	0.0086	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.013	0.0074	
			Benzo(k)fluoranthene	ND	mg/Kg	0.013	0.0066	
			Chrysene	ND	mg/Kg	0.013	0.0062	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.013	0.0064	
			Dibenzofuran	ND	mg/Kg	0.013	0.013	
			Fluoranthene	ND	mg/Kg	0.013	0.0068	
			Fluorene	ND	mg/Kg	0.013	0.0099	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.013	0.0092	
			Naphthalene	0.024	mg/Kg	0.013	0.013	
			Phenanthrene	ND	mg/Kg	0.013	0.0086	
			Pyrene	ND	mg/Kg	0.013	0.0076	
01NE28SD123	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	1600	mg/Kg	18	3.2	VLB
		AK103	RRO	1500	mg/Kg	35	35	VLB
		DU	Total Organic Carbon (TOC)	44	PERCENT	0.11	0.005	
		E160.3	Total Solids	7.65	PERCENT	0.01	0.01	
		SW6010B	Chromium	7	mg/Kg	2	0.6	
			Lead	ND	mg/Kg	9	3	
			Zinc	13	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.24	0.0632	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.47	0.0757	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.24	0.0327	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.24	0.0386	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.24	0.0253	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.24	0.0764	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.24	0.062	
		SW8270 SIM	2-Methylnaphthalene	0.32	mg/Kg	0.014	0.014	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD123	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Acenaphthene	ND	mg/Kg	0.014	0.0095	
			Acenaphthylene	ND	mg/Kg	0.014	0.0092	
			Anthracene	ND	mg/Kg	0.014	0.0092	
			Benzo(a)anthracene	ND	mg/Kg	0.014	0.0078	
			Benzo(a)pyrene	ND	mg/Kg	0.014	0.0067	
			Benzo(b)fluoranthene	ND	mg/Kg	0.014	0.009	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.014	0.0078	
			Benzo(k)fluoranthene	ND	mg/Kg	0.014	0.0069	
			Chrysene	ND	mg/Kg	0.014	0.0065	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.014	0.0067	
			Dibenzofuran	ND	mg/Kg	0.014	0.014	
			Fluoranthene	ND	mg/Kg	0.014	0.0071	
			Fluorene	ND	mg/Kg	0.014	0.011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.014	0.0097	
			Naphthalene	1.6	mg/Kg	0.042	0.04	
			Phenanthrene	ND	mg/Kg	0.014	0.009	
			Pyrene	ND	mg/Kg	0.014	0.008	
01NE28SD124	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	650	mg/Kg	39	7	
		AK103	RRO	2000	mg/Kg	78	78	VJ
		DU	Total Organic Carbon (TOC)	14	PERCENT	0.084	0.005	
		E160.3	Total Solids	33.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	19	mg/Kg	2	0.5	
			Lead	ND	mg/Kg	8	3	
			Zinc	30	mg/Kg	2	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.1	0.0277	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0332	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.1	0.0143	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.1	0.0169	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.1	0.0111	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.1	0.0336	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.1	0.0272	
		SW8270 SIM	2-Methylnaphthalene	7	mg/Kg	0.15	0.15	
			Acenaphthene	0.065	mg/Kg	0.0062	0.0042	
			Acenaphthylene	ND	mg/Kg	0.0062	0.0041	
			Anthracene	ND	mg/Kg	0.0062	0.0041	
			Benzo(a)anthracene	ND	mg/Kg	0.0062	0.0034	
			Benzo(a)pyrene	ND	mg/Kg	0.0062	0.003	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0062	0.004	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0062	0.0034	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0062	0.0031	
			Chrysene	ND	mg/Kg	0.0062	0.0029	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0062	0.003	
			Dibenzofuran	0.026	mg/Kg	0.0062	0.0062	
			Fluoranthene	ND	mg/Kg	0.0062	0.0031	
			Fluorene	0.073	mg/Kg	0.0062	0.0046	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0062	0.0043	
			Naphthalene	4.8	mg/Kg	0.15	0.15	
			Phenanthrene	0.026	mg/Kg	0.0062	0.004	
			Pyrene	ND	mg/Kg	0.0062	0.0035	
01NE28SD125	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK103	RRO	880	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	7.4	PERCENT	0.005	0.005	
		E160.3	Total Solids	50.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	18	mg/Kg	1	0.3	
			Lead	7	mg/Kg	4	1	
			Zinc	30	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.067	0.018	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.13	0.0216	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.067	0.0093	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.067	0.011	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD125	Subsurface Sediment Depth 1.5 to 2 feet bgs	SW8082	PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.067	0.0072	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.067	0.0218	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.067	0.0177	
		SW8270 SIM	2-Methylnaphthalene	6.5	mg/Kg	0.2	0.2	
			Acenaphthene	0.14	mg/Kg	0.02	0.013	
			Acenaphthylene	ND	mg/Kg	0.02	0.013	
			Anthracene	ND	mg/Kg	0.02	0.013	
			Benzo(a)anthracene	ND	mg/Kg	0.02	0.011	
			Benzo(a)pyrene	ND	mg/Kg	0.02	0.0094	
			Benzo(b)fluoranthene	ND	mg/Kg	0.02	0.013	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.02	0.011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.02	0.0097	
			Chrysene	ND	mg/Kg	0.02	0.0092	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.02	0.0094	
			Dibenzofuran	0.043	mg/Kg	0.02	0.02	
			Fluoranthene	ND	mg/Kg	0.02	0.01	
			Fluorene	0.14	mg/Kg	0.02	0.015	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.02	0.014	
			Naphthalene	3.7	mg/Kg	0.2	0.19	
			Phenanthrene	0.049	mg/Kg	0.02	0.013	
			Pyrene	ND	mg/Kg	0.02	0.011	
01NE28SD126	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	5200	mg/Kg	150	26	
		AK103	RRO	1200	mg/Kg	290	290	VJ
		DU	Total Organic Carbon (TOC)	31	PERCENT	0.083	0.005	
		E160.3	Total Solids	19	PERCENT	0.01	0.01	
		SW6010B	Chromium	9	mg/Kg	3	0.7	
			Lead	ND	mg/Kg	10	3	
			Zinc	36	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.2	0.0524	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.39	0.0627	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.2	0.0271	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.2	0.032	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.2	0.021	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.2	0.0633	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.2	0.0514	
		SW8270 SIM	2-Methylnaphthalene	3.4	mg/Kg	0.28	0.28	
			Acenaphthene	0.67	mg/Kg	0.28	0.19	
			Acenaphthylene	ND	mg/Kg	0.28	0.18	
			Anthracene	ND	mg/Kg	0.28	0.18	
			Benzo(a)anthracene	ND	mg/Kg	0.28	0.15	
			Benzo(a)pyrene	ND	mg/Kg	0.28	0.13	
			Benzo(b)fluoranthene	ND	mg/Kg	0.28	0.18	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.28	0.15	
			Benzo(k)fluoranthene	ND	mg/Kg	0.28	0.14	
			Chrysene	ND	mg/Kg	0.28	0.13	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.28	0.13	
			Dibenzofuran	0.39	mg/Kg	0.28	0.28	
			Fluoranthene	ND	mg/Kg	0.28	0.14	
			Fluorene	1.4	mg/Kg	0.28	0.21	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.28	0.19	
			Naphthalene	0.61	mg/Kg	0.28	0.26	
			Phenanthrene	0.28	mg/Kg	0.28	0.18	
			Pyrene	ND	mg/Kg	0.28	0.16	
01NE28SD127	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	3100	mg/Kg	100	18	
		AK103	RRO	300	mg/Kg	200	200	VJ
		DU	Total Organic Carbon (TOC)	31	PERCENT	0.055	0.005	
		E160.3	Total Solids	18	PERCENT	0.01	0.01	
		SW6010B	Chromium	12	mg/Kg	2	0.6	
			Lead	ND	mg/Kg	9	3	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD127	Sediment Depth 0 to 0.5 feet bgs	SW6010B	Zinc	33	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.14	0.0362	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.27	0.0434	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.14	0.0187	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.14	0.0221	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.14	0.0145	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.14	0.0438	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.14	0.0355	
		SW8270 SIM	2-Methylnaphthalene	33	mg/Kg	1.9	1.9	
			Acenaphthene	1.4	mg/Kg	0.19	0.13	
			Acenaphthylene	ND	mg/Kg	0.19	0.13	
			Anthracene	ND	mg/Kg	0.19	0.13	
			Benzo(a)anthracene	ND	mg/Kg	0.19	0.11	
			Benzo(a)pyrene	ND	mg/Kg	0.19	0.092	
			Benzo(b)fluoranthene	ND	mg/Kg	0.19	0.12	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.19	0.11	
			Benzo(k)fluoranthene	ND	mg/Kg	0.19	0.095	
			Chrysene	ND	mg/Kg	0.19	0.089	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.19	0.092	
			Dibenzofuran	0.54	mg/Kg	0.19	0.19	
			Fluoranthene	ND	mg/Kg	0.19	0.098	
			Fluorene	2.5	mg/Kg	0.19	0.14	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.19	0.13	
			Naphthalene	3.4	mg/Kg	0.19	0.18	
			Phenanthrene	1	mg/Kg	0.19	0.12	
			Pyrene	ND	mg/Kg	0.19	0.11	
01NE28SD128	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	15000	mg/Kg	270	49	
		AK103	RRO	1800	mg/Kg	540	540	VJ
		DU	Total Organic Carbon (TOC)	19	PERCENT	0.052	0.005	
		E160.3	Total Solids	21.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	18	mg/Kg	2	0.5	
			Lead	13	mg/Kg	8	2	
			Zinc	59	mg/Kg	2	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.18	0.0483	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.36	0.0579	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.18	0.025	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.18	0.0295	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.18	0.0194	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.18	0.0585	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.18	0.0474	
		SW8270 SIM	2-Methylnaphthalene	18	mg/Kg	0.28	0.28	
			Acenaphthene	1	mg/Kg	0.28	0.19	
			Acenaphthylene	ND	mg/Kg	0.28	0.18	
			Anthracene	ND	mg/Kg	0.28	0.18	
			Benzo(a)anthracene	ND	mg/Kg	0.28	0.15	
			Benzo(a)pyrene	ND	mg/Kg	0.28	0.13	
			Benzo(b)fluoranthene	ND	mg/Kg	0.28	0.18	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.28	0.15	
			Benzo(k)fluoranthene	ND	mg/Kg	0.28	0.14	
			Chrysene	ND	mg/Kg	0.28	0.13	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.28	0.13	
			Dibenzofuran	0.44	mg/Kg	0.28	0.28	
			Fluoranthene	ND	mg/Kg	0.28	0.14	
			Fluorene	2.6	mg/Kg	0.28	0.21	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.28	0.19	
			Naphthalene	1.6	mg/Kg	0.28	0.26	
			Phenanthrene	0.81	mg/Kg	0.28	0.18	
			Pyrene	ND	mg/Kg	0.28	0.16	
01NE28SD129	Sediment	AK102	DRO	2500	mg/Kg	98	18	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD129	Sediment Depth 0 to 0.5 feet bgs	AK103	RRO	660	mg/Kg	200	200	VJ
		DU	Total Organic Carbon (TOC)	41	PERCENT	0.048	0.005	
		E160.3	Total Solids	15.6	PERCENT	0.01	0.01	
		SW6010B	Chromium	5	mg/Kg	2	0.6	
			Lead	ND	mg/Kg	10	3	
			Zinc	12	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.0347	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.26	0.0416	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.0179	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0212	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0139	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.0419	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.13	0.034	
		SW8270 SIM	2-Methylnaphthalene	4.1	mg/Kg	0.15	0.15	
			Acenaphthylene	ND	mg/Kg	0.0077	0.0051	
			Anthracene	0.0092	mg/Kg	0.0077	0.0051	
			Benzo(a)anthracene	ND	mg/Kg	0.0077	0.0042	
			Benzo(a)pyrene	ND	mg/Kg	0.0077	0.0037	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0077	0.0049	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0077	0.0042	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0077	0.0038	
			Chrysene	ND	mg/Kg	0.0077	0.0036	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0077	0.0037	
			Dibenzofuran	0.028	mg/Kg	0.0077	0.0077	
			Fluoranthene	0.0084	mg/Kg	0.0077	0.0039	
			Fluorene	0.12	mg/Kg	0.0077	0.0057	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0077	0.0053	
			Naphthalene	7.4	mg/Kg	0.15	0.14	
			Phenanthrene	0.048	mg/Kg	0.0077	0.0049	
			Pyrene	0.01	mg/Kg	0.0077	0.0044	
01NE28SD130	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	14000	mg/Kg	260	47	
		AK103	RRO	2200	mg/Kg	520	520	VJ
		DU	Total Organic Carbon (TOC)	26	PERCENT	0.055	0.005	
		E160.3	Total Solids	19.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	10	mg/Kg	3	0.9	
			Lead	20	mg/Kg	10	4	
			Zinc	96	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.17	0.0464	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.35	0.0557	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.17	0.024	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.17	0.0283	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.17	0.0186	
			PCB-1254 (Aroclor 1254)	0.2	mg/Kg	0.17	0.0562	
			PCB-1260 (Aroclor 1260)	0.31	mg/Kg	0.17	0.0456	
		SW8270 SIM	2-Methylnaphthalene	23	mg/Kg	2.6	2.6	
			Acenaphthene	ND	mg/Kg	2.6	1.8	
			Acenaphthylene	ND	mg/Kg	2.6	1.7	
			Anthracene	ND	mg/Kg	2.6	1.7	
			Benzo(a)anthracene	ND	mg/Kg	2.6	1.5	
			Benzo(a)pyrene	ND	mg/Kg	2.6	1.3	
			Benzo(b)fluoranthene	ND	mg/Kg	2.6	1.7	
			Benzo(g,h,i)perylene	ND	mg/Kg	2.6	1.5	
			Benzo(k)fluoranthene	ND	mg/Kg	2.6	1.3	
			Chrysene	ND	mg/Kg	2.6	1.2	
			Dibenzo(a,h)anthracene	ND	mg/Kg	2.6	1.3	
			Dibenzofuran	ND	mg/Kg	2.6	2.6	
			Fluoranthene	ND	mg/Kg	2.6	1.3	
			Fluorene	3.2	mg/Kg	2.6	2	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	2.6	1.8	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD130	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Naphthalene	3.2	mg/Kg	2.6	2.5	
			Phenanthrene	2.9	mg/Kg	2.6	1.7	
			Pyrene	ND	mg/Kg	2.6	1.5	
01NE28SD131	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	56000	mg/Kg	1000	170	
		AK103	RRO	9900	mg/Kg	2000	2000	VJ
		DU	Total Organic Carbon (TOC)	7.6	PERCENT	0.005	0.005	
		E160.3	Total Solids	49.7	PERCENT	0.01	0.01	
		SW6010B	Chromium	18.6	mg/Kg	0.8	0.2	
			Lead	21	mg/Kg	3	1	
			Zinc	96.3	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.064	0.0172	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.13	0.0206	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.064	0.0089	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.064	0.0105	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.064	0.0069	
			PCB-1254 (Aroclor 1254)	0.16	mg/Kg	0.064	0.0208	
			PCB-1260 (Aroclor 1260)	0.14	mg/Kg	0.064	0.0169	
		SW8270 SIM	2-Methylnaphthalene	33	mg/Kg	0.96	0.96	
			Acenaphthene	2.4	mg/Kg	0.96	0.65	
			Acenaphthylene	ND	mg/Kg	0.96	0.63	
			Anthracene	ND	mg/Kg	0.96	0.63	
			Benzo(a)anthracene	ND	mg/Kg	0.96	0.53	
			Benzo(a)pyrene	ND	mg/Kg	0.96	0.46	
			Benzo(b)fluoranthene	ND	mg/Kg	0.96	0.62	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.96	0.53	
			Benzo(k)fluoranthene	ND	mg/Kg	0.96	0.48	
			Chrysene	ND	mg/Kg	0.96	0.45	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.96	0.46	
			Dibenzofuran	ND	mg/Kg	0.96	0.96	
			Fluoranthene	ND	mg/Kg	0.96	0.49	
			Fluorene	6.9	mg/Kg	0.96	0.72	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.96	0.66	
			Naphthalene	6.4	mg/Kg	0.96	0.91	
			Phenanthrene	4.8	mg/Kg	0.96	0.62	
			Pyrene	ND	mg/Kg	0.96	0.55	
01NE28SD132	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	150000	mg/Kg	2700	480	
		AK103	RRO	6900	mg/Kg	5300	5300	VJ
		DU	Total Organic Carbon (TOC)	16	PERCENT	0.058	0.005	
		E160.3	Total Solids	22.5	PERCENT	0.01	0.01	
		SW6010B	Chromium	19	mg/Kg	5	1	
			Lead	ND	mg/Kg	20	7	
			Zinc	114	mg/Kg	6	3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.18	0.0477	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.36	0.0571	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.18	0.0246	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.18	0.0291	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.18	0.0191	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.18	0.0577	
			PCB-1260 (Aroclor 1260)	0.19	mg/Kg	0.18	0.0468	
		SW8270 SIM	2-Methylnaphthalene	53	mg/Kg	2.6	2.6	
			Acenaphthene	4.5	mg/Kg	2.6	1.8	
			Acenaphthylene	ND	mg/Kg	2.6	1.7	
			Anthracene	ND	mg/Kg	2.6	1.7	
			Benzo(a)anthracene	ND	mg/Kg	2.6	1.5	
			Benzo(a)pyrene	ND	mg/Kg	2.6	1.3	
			Benzo(b)fluoranthene	ND	mg/Kg	2.6	1.7	
			Benzo(g,h,i)perylene	ND	mg/Kg	2.6	1.5	
			Benzo(k)fluoranthene	ND	mg/Kg	2.6	1.3	
			Chrysene	ND	mg/Kg	2.6	1.2	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD132	Subsurface Sediment Depth 1.5 to 2 feet bgs	SW8270 SIM	Dibenzo(a,h)anthracene	ND	mg/Kg	2.6	1.3	
			Dibenzofuran	ND	mg/Kg	2.6	2.6	
			Fluoranthene	ND	mg/Kg	2.6	1.3	
			Fluorene	10	mg/Kg	2.6	2	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	2.6	1.8	
			Naphthalene	14	mg/Kg	2.6	2.5	
			Phenanthrene	7.4	mg/Kg	2.6	1.7	
			Pyrene	ND	mg/Kg	2.6	1.5	
01NE28SD133	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	4900	mg/Kg	110	20	
		AK103	RRO	780	mg/Kg	230	230	VJ
		DU	Total Organic Carbon (TOC)	21	PERCENT	0.076	0.005	
		E160.3	Total Solids	20.6	PERCENT	0.01	0.01	
		SW6010B	Chromium	10	mg/Kg	2	0.6	
			Lead	ND	mg/Kg	9	3	
			Zinc	45	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.15	0.04	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.3	0.0479	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.15	0.0207	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.15	0.0244	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.15	0.016	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.15	0.0484	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.15	0.0393	
		SW8270 SIM	2-Methylnaphthalene	5.9	mg/Kg	0.088	0.088	
			Acenaphthene	0.63	mg/Kg	0.088	0.06	
			Acenaphthylene	ND	mg/Kg	0.088	0.058	
			Anthracene	0.15	mg/Kg	0.088	0.058	
			Benzo(a)anthracene	ND	mg/Kg	0.088	0.049	
			Benzo(a)pyrene	ND	mg/Kg	0.088	0.042	
			Benzo(b)fluoranthene	ND	mg/Kg	0.088	0.057	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.088	0.049	
			Benzo(k)fluoranthene	ND	mg/Kg	0.088	0.044	
			Chrysene	ND	mg/Kg	0.088	0.041	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.088	0.042	
			Dibenzofuran	0.62	mg/Kg	0.088	0.088	
			Fluoranthene	ND	mg/Kg	0.088	0.045	
			Fluorene	2.2	mg/Kg	0.088	0.066	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.088	0.061	
			Naphthalene	0.78	mg/Kg	0.088	0.083	
			Phenanthrene	1.1	mg/Kg	0.088	0.057	
			Pyrene	ND	mg/Kg	0.088	0.05	
01NE28SD134	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	5200	mg/Kg	110	20	
		AK103	RRO	ND	mg/Kg	230	230	VQQ
		DU	Total Organic Carbon (TOC)	18	PERCENT	0.064	0.005	
		E160.3	Total Solids	16.7	PERCENT	0.01	0.01	
		SW6010B	Chromium	22	mg/Kg	3	0.9	
			Lead	ND	mg/Kg	10	4	
			Zinc	63	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.15	0.04	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.3	0.0479	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.15	0.0207	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.15	0.0244	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.15	0.016	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.15	0.0484	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.15	0.0393	
		SW8270 SIM	2-Methylnaphthalene	26	mg/Kg	1.6	1.6	
			Acenaphthene	2.3	mg/Kg	0.16	0.11	
			Acenaphthylene	ND	mg/Kg	0.16	0.11	
			Anthracene	ND	mg/Kg	0.16	0.11	
			Benzo(a)anthracene	ND	mg/Kg	0.16	0.09	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD134	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Benzo(a)pyrene	ND	mg/Kg	0.16	0.077	
			Benzo(b)fluoranthene	ND	mg/Kg	0.16	0.1	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.16	0.09	
			Benzo(k)fluoranthene	ND	mg/Kg	0.16	0.08	
			Chrysene	ND	mg/Kg	0.16	0.075	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.16	0.077	
			Dibenzofuran	1.2	mg/Kg	0.16	0.16	
			Fluoranthene	ND	mg/Kg	0.16	0.082	
			Fluorene	4.1	mg/Kg	0.16	0.12	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.16	0.11	
			Naphthalene	1.8	mg/Kg	0.16	0.15	
			Phenanthrene	3.4	mg/Kg	0.16	0.1	
			Pyrene	ND	mg/Kg	0.16	0.092	
01NE28SD135	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	1100	mg/Kg	50	6	
		AK103	RRO	400	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	0.55	PERCENT	0.005	0.005	
		E160.3	Total Solids	70.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	9.9	mg/Kg	0.7	0.2	
			Lead	4	mg/Kg	3	0.9	
			Zinc	22.2	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.045	0.0119	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.089	0.0143	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.045	0.0062	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.045	0.0073	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.045	0.0048	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.045	0.0144	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.045	0.0117	
		SW8270 SIM	2-Methylnaphthalene	0.29	mg/Kg	0.067	0.067	
			Acenaphthene	0.11	mg/Kg	0.067	0.045	
			Acenaphthylene	ND	mg/Kg	0.067	0.044	
			Anthracene	ND	mg/Kg	0.067	0.044	
			Benzo(a)anthracene	ND	mg/Kg	0.067	0.037	
			Benzo(a)pyrene	ND	mg/Kg	0.067	0.032	
			Benzo(b)fluoranthene	ND	mg/Kg	0.067	0.043	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.067	0.037	
			Benzo(k)fluoranthene	ND	mg/Kg	0.067	0.033	
			Chrysene	ND	mg/Kg	0.067	0.031	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.067	0.032	
			Dibenzofuran	ND	mg/Kg	0.067	0.067	
			Fluoranthene	ND	mg/Kg	0.067	0.034	
			Fluorene	0.11	mg/Kg	0.067	0.05	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.067	0.046	
			Naphthalene	0.093	mg/Kg	0.067	0.063	
			Phenanthrene	0.15	mg/Kg	0.067	0.043	
			Pyrene	ND	mg/Kg	0.067	0.038	
01NE28SD136	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	40000	mg/Kg	1200	220	
		AK103	RRO	13000	mg/Kg	2400	2400	VJ
		DU	Total Organic Carbon (TOC)	9.1	PERCENT	0.005	0.005	
		E160.3	Total Solids	38.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	31	mg/Kg	1	0.3	
			Lead	64	mg/Kg	5	2	
			Zinc	200	mg/Kg	2	0.8	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.08	0.0214	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0256	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.08	0.011	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.08	0.013	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.08	0.0086	
			PCB-1254 (Aroclor 1254)	0.1	mg/Kg	0.08	0.0258	
			PCB-1260 (Aroclor 1260)	0.25	mg/Kg	0.08	0.021	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD136	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	2-Methylnaphthalene	78	mg/Kg	1.2	1.2	
			Acenaphthene	5.7	mg/Kg	1.2	0.8	
			Acenaphthylene	ND	mg/Kg	1.2	0.79	
			Anthracene	ND	mg/Kg	1.2	0.79	
			Benzo(a)anthracene	ND	mg/Kg	1.2	0.66	
			Benzo(a)pyrene	ND	mg/Kg	1.2	0.57	
			Benzo(b)fluoranthene	ND	mg/Kg	1.2	0.77	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.2	0.66	
			Benzo(k)fluoranthene	ND	mg/Kg	1.2	0.59	
			Chrysene	ND	mg/Kg	1.2	0.55	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.2	0.57	
			Dibenzofuran	1.9	mg/Kg	1.2	1.2	
			Fluoranthene	ND	mg/Kg	1.2	0.61	
			Fluorene	10	mg/Kg	1.2	0.89	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.2	0.82	
			Naphthalene	29	mg/Kg	1.2	1.1	
			Phenanthrene	5.2	mg/Kg	1.2	0.77	
			Pyrene	ND	mg/Kg	1.2	0.68	
01NE28SD137	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	560	mg/Kg	50	8.2	
		AK103	RRO	2700	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	7.5	PERCENT	0.005	0.005	
		E160.3	Total Solids	54	PERCENT	0.01	0.01	
		SW6010B	Chromium	24	mg/Kg	1	0.3	
			Lead	13	mg/Kg	4	1	
			Zinc	51	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.06	0.0161	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.0193	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.06	0.0083	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.06	0.0098	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.06	0.0065	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.06	0.0195	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.06	0.0158	
		SW8270 SIM	2-Methylnaphthalene	0.022	mg/Kg	0.011	0.011	
			Acenaphthene	ND	mg/Kg	0.011	0.0073	
			Acenaphthylene	ND	mg/Kg	0.011	0.0071	
			Anthracene	ND	mg/Kg	0.011	0.0071	
			Benzo(a)anthracene	ND	mg/Kg	0.011	0.006	
			Benzo(a)pyrene	ND	mg/Kg	0.011	0.0052	
			Benzo(b)fluoranthene	ND	mg/Kg	0.011	0.007	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.011	0.006	
			Benzo(k)fluoranthene	ND	mg/Kg	0.011	0.0053	
			Chrysene	ND	mg/Kg	0.011	0.005	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.011	0.0052	
			Dibenzofuran	ND	mg/Kg	0.011	0.011	
			Fluoranthene	ND	mg/Kg	0.011	0.0055	
			Fluorene	ND	mg/Kg	0.011	0.0081	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.011	0.0074	
			Naphthalene	0.037	mg/Kg	0.011	0.01	
			Phenanthrene	ND	mg/Kg	0.011	0.007	
			Pyrene	ND	mg/Kg	0.011	0.0062	
01NE28SD138	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	170	mg/Kg	25	4.4	
		AK103	RRO	1200	mg/Kg	50	50	VJ
		DU	Total Organic Carbon (TOC)	6.9	PERCENT	0.005	0.005	
		E160.3	Total Solids	61.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	24.6	mg/Kg	1	0.3	
			Lead	13	mg/Kg	4	1	
			Zinc	48	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.065	0.0173	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.13	0.0207	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD138	Subsurface Sediment Depth 1.5 to 2 feet bgs	SW8082	PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.065	0.0089	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.065	0.0106	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.065	0.0069	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.065	0.0209	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.065	0.017	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.012	0.012	
			Acenaphthene	ND	mg/Kg	0.012	0.0078	
			Acenaphthylene	ND	mg/Kg	0.012	0.0076	
			Anthracene	ND	mg/Kg	0.012	0.0076	
			Benzo(a)anthracene	ND	mg/Kg	0.012	0.0064	
			Benzo(a)pyrene	ND	mg/Kg	0.012	0.0055	
			Benzo(b)fluoranthene	ND	mg/Kg	0.012	0.0074	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.012	0.0064	
			Benzo(k)fluoranthene	ND	mg/Kg	0.012	0.0057	
			Chrysene	ND	mg/Kg	0.012	0.0054	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.012	0.0055	
			Dibenzofuran	ND	mg/Kg	0.012	0.012	
			Fluoranthene	ND	mg/Kg	0.012	0.0059	
			Fluorene	ND	mg/Kg	0.012	0.0087	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.012	0.008	
			Naphthalene	ND	mg/Kg	0.012	0.011	
			Phenanthrene	ND	mg/Kg	0.012	0.0074	
			Pyrene	ND	mg/Kg	0.012	0.0066	
01NE28SD139	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	520	mg/Kg	58	10	
		AK103	RRO	2300	mg/Kg	120	120	VJ
		DU	Total Organic Carbon (TOC)	10	PERCENT	0.005	0.005	
		E160.3	Total Solids	37.3	PERCENT	0.01	0.01	
		SW6010B	Chromium	22	mg/Kg	1	0.3	
			Lead	13	mg/Kg	5	2	
			Zinc	53	mg/Kg	2	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.078	0.0208	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0249	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.078	0.0107	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.078	0.0127	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.078	0.0083	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.078	0.0251	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.078	0.0204	
		SW8270 SIM	2-Methylnaphthalene	0.032	mg/Kg	0.014	0.014	
			Acenaphthene	0.092	mg/Kg	0.014	0.0093	
			Acenaphthylene	ND	mg/Kg	0.014	0.0091	
			Anthracene	0.032	mg/Kg	0.014	0.0091	
			Benzo(a)anthracene	0.2	mg/Kg	0.014	0.0076	
			Benzo(a)pyrene	0.25	mg/Kg	0.014	0.0066	
			Benzo(b)fluoranthene	0.2	mg/Kg	0.014	0.0089	
			Benzo(g,h,i)perylene	0.066	mg/Kg	0.014	0.0076	
			Benzo(k)fluoranthene	0.37	mg/Kg	0.014	0.0068	
			Chrysene	0.33	mg/Kg	0.014	0.0064	
			Dibenzo(a,h)anthracene	0.023	mg/Kg	0.014	0.0066	
			Dibenzofuran	0.065	mg/Kg	0.014	0.014	
			Fluoranthene	0.85	mg/Kg	0.014	0.007	
			Fluorene	0.083	mg/Kg	0.014	0.01	
			Indeno(1,2,3-cd)pyrene	0.085	mg/Kg	0.014	0.0095	
			Naphthalene	0.043	mg/Kg	0.014	0.013	
			Phenanthrene	0.91	mg/Kg	0.014	0.0089	
			Pyrene	0.7	mg/Kg	0.014	0.0078	
01NE28SD140	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	6900	mg/Kg	340	60	
		AK103	RRO	1300	mg/Kg	670	670	VJ
		DU	Total Organic Carbon (TOC)	11	PERCENT	0.005	0.005	
		E160.3	Total Solids	50.5	PERCENT	0.01	0.01	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD140	Sediment Depth 0 to 0.5 feet bgs	SW6010B	Chromium	19	mg/Kg	1	0.3	
			Lead	17	mg/Kg	4	1	
			Zinc	50	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.03	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.036	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.0155	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0183	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.012	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0363	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0294	
		SW8270 SIM	2-Methylnaphthalene	0.83	mg/Kg	0.83	0.83	
			Acenaphthene	1.3	mg/Kg	0.83	0.56	
			Acenaphthylene	ND	mg/Kg	0.83	0.55	
			Anthracene	ND	mg/Kg	0.83	0.55	
			Benzo(a)anthracene	ND	mg/Kg	0.83	0.46	
			Benzo(a)pyrene	ND	mg/Kg	0.83	0.4	
			Benzo(b)fluoranthene	ND	mg/Kg	0.83	0.54	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.83	0.46	
			Benzo(k)fluoranthene	ND	mg/Kg	0.83	0.41	
			Chrysene	ND	mg/Kg	0.83	0.39	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.83	0.4	
			Dibenzofuran	ND	mg/Kg	0.83	0.83	
			Fluoranthene	ND	mg/Kg	0.83	0.42	
			Fluorene	ND	mg/Kg	0.83	0.62	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.83	0.58	
			Naphthalene	1.3	mg/Kg	0.83	0.79	
			Phenanthrene	ND	mg/Kg	0.83	0.54	
			Pyrene	ND	mg/Kg	0.83	0.48	
01NE28SD141	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	430	mg/Kg	52	9.4	
		AK103	RRO	2200	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	12	PERCENT	0.005	0.005	
		E160.3	Total Solids	49.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	21.7	mg/Kg	1	0.3	
			Lead	10	mg/Kg	4	1	
			Zinc	33	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.07	0.0186	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.14	0.0223	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.07	0.0096	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.07	0.0113	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.07	0.0074	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.07	0.0225	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.07	0.0182	
		SW8270 SIM	2-Methylnaphthalene	0.29	mg/Kg	0.041	0.041	
			Acenaphthene	ND	mg/Kg	0.041	0.028	
			Acenaphthylene	ND	mg/Kg	0.041	0.027	
			Anthracene	ND	mg/Kg	0.041	0.027	
			Benzo(a)anthracene	ND	mg/Kg	0.041	0.023	
			Benzo(a)pyrene	ND	mg/Kg	0.041	0.02	
			Benzo(b)fluoranthene	ND	mg/Kg	0.041	0.026	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.041	0.023	
			Benzo(k)fluoranthene	ND	mg/Kg	0.041	0.02	
			Chrysene	ND	mg/Kg	0.041	0.019	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.041	0.02	
			Dibenzofuran	ND	mg/Kg	0.041	0.041	
			Fluoranthene	ND	mg/Kg	0.041	0.021	
			Fluorene	0.045	mg/Kg	0.041	0.031	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.041	0.028	
			Naphthalene	0.45	mg/Kg	0.041	0.039	
			Phenanthrene	0.041	mg/Kg	0.041	0.026	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD141	Sediment	SW8270 SIM	Pyrene	ND	mg/Kg	0.041	0.023	
01NE28SD142	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	280	mg/Kg	29	5.2	
		AK103	RRO	1100	mg/Kg	58	58	VJ
		DU	Total Organic Carbon (TOC)	13	PERCENT	0.005	0.005	
		E160.3	Total Solids	30.7	PERCENT	0.01	0.01	
		SW6010B	Chromium	22	mg/Kg	1	0.3	
			Lead	12	mg/Kg	5	2	
			Zinc	23	mg/Kg	1	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.078	0.0207	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0248	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.078	0.0107	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.078	0.0126	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.078	0.0083	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.078	0.025	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.078	0.0203	
		SW8270 SIM	2-Methylnaphthalene	0.67	mg/Kg	0.014	0.014	
			Acenaphthene	0.022	mg/Kg	0.014	0.0093	
			Acenaphthylene	ND	mg/Kg	0.014	0.0091	
			Anthracene	ND	mg/Kg	0.014	0.0091	
			Benzo(a)anthracene	ND	mg/Kg	0.014	0.0076	
			Benzo(a)pyrene	ND	mg/Kg	0.014	0.0066	
			Benzo(b)fluoranthene	ND	mg/Kg	0.014	0.0089	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.014	0.0076	
			Benzo(k)fluoranthene	ND	mg/Kg	0.014	0.0068	
			Chrysene	ND	mg/Kg	0.014	0.0064	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.014	0.0066	
			Dibenzofuran	ND	mg/Kg	0.014	0.014	
			Fluoranthene	ND	mg/Kg	0.014	0.007	
			Fluorene	0.025	mg/Kg	0.014	0.01	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.014	0.0095	
			Naphthalene	0.38	mg/Kg	0.014	0.013	
			Phenanthrene	ND	mg/Kg	0.014	0.0089	
			Pyrene	ND	mg/Kg	0.014	0.0078	
01NE28SD143	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	15000	mg/Kg	710	130	
		AK103	RRO	2300	mg/Kg	1400	1400	VJ
		DU	Total Organic Carbon (TOC)	11	PERCENT	0.005	0.005	
		E160.3	Total Solids	45.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	40	mg/Kg	1	0.3	
			Lead	75	mg/Kg	4	1	
			Zinc	223	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.095	0.0254	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.19	0.0304	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.095	0.0131	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.095	0.0155	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.095	0.0102	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.095	0.0307	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.095	0.0249	
		SW8270 SIM	2-Methylnaphthalene	110	mg/Kg	5.7	5.7	
			Acenaphthene	1.6	mg/Kg	0.14	0.096	
			Acenaphthylene	ND	mg/Kg	0.14	0.094	
			Anthracene	ND	mg/Kg	0.14	0.094	
			Benzo(a)anthracene	ND	mg/Kg	0.14	0.079	
			Benzo(a)pyrene	ND	mg/Kg	0.14	0.069	
			Benzo(b)fluoranthene	ND	mg/Kg	0.14	0.092	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.14	0.079	
			Benzo(k)fluoranthene	ND	mg/Kg	0.14	0.071	
			Chrysene	ND	mg/Kg	0.14	0.066	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.14	0.069	
			Dibenzofuran	0.73	mg/Kg	0.14	0.14	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier		
01NE28SD143	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Fluoranthene	0.14	mg/Kg	0.14	0.073			
			Fluorene	3.1	mg/Kg	0.14	0.11			
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.14	0.099			
			Naphthalene	49	mg/Kg	5.7	5.4			
			Phenanthrene	1	mg/Kg	0.14	0.092			
			Pyrene	0.14	mg/Kg	0.14	0.081			
01NE28SD144	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	6700	mg/Kg	230	42			
		AK103	RRO	2600	mg/Kg	470	470	VJ		
		DU	Total Organic Carbon (TOC)	12	PERCENT	0.005	0.005			
		E160.3	Total Solids	34.9	PERCENT	0.01	0.01			
		SW6010B	Chromium	24	mg/Kg	1	0.4			
			Lead	27	mg/Kg	6	2			
			Zinc	91	mg/Kg	2	0.8			
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.078	0.0208			
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0249			
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.078	0.0107			
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.078	0.0127			
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.078	0.0083			
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.078	0.0251			
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.078	0.0204			
			SW8270 SIM	2-Methylnaphthalene	94	mg/Kg	4.5	4.5		
				Acenaphthene	1.6	mg/Kg	0.11	0.077		
		Acenaphthylene		ND	mg/Kg	0.11	0.075			
		Anthracene		ND	mg/Kg	0.11	0.075			
		Benzo(a)anthracene		ND	mg/Kg	0.11	0.063			
		Benzo(a)pyrene		ND	mg/Kg	0.11	0.055			
		Benzo(b)fluoranthene		ND	mg/Kg	0.11	0.073			
		Benzo(g,h,i)perylene		ND	mg/Kg	0.11	0.063			
		Benzo(k)fluoranthene		ND	mg/Kg	0.11	0.056			
		Chrysene		ND	mg/Kg	0.11	0.053			
		Dibenzo(a,h)anthracene		ND	mg/Kg	0.11	0.055			
		Dibenzofuran		0.6	mg/Kg	0.11	0.11			
		Fluoranthene		ND	mg/Kg	0.11	0.058			
		Fluorene		2.2	mg/Kg	0.11	0.085			
		Indeno(1,2,3-cd)pyrene		ND	mg/Kg	0.11	0.078			
		Naphthalene		34	mg/Kg	4.5	4.3			
		Phenanthrene		0.61	mg/Kg	0.11	0.073			
		Pyrene	ND	mg/Kg	0.11	0.065				
		01NE28SD145	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	2500	mg/Kg	120	21	
				AK103	RRO	3000	mg/Kg	230	230	VJ
				DU	Total Organic Carbon (TOC)	12	PERCENT	0.005	0.005	
				E160.3	Total Solids	42.6	PERCENT	0.01	0.01	
				SW6010B	Chromium	24	mg/Kg	1	0.3	
					Lead	17	mg/Kg	5	1	
					Zinc	50	mg/Kg	1	0.7	
				SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.077	0.0206	
					PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.15	0.0247	
					PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.077	0.0106	
					PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.077	0.0126	
					PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.077	0.0083	
					PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.077	0.0249	
					PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.077	0.0202	
SW8270 SIM	2-Methylnaphthalene			32	mg/Kg	0.45	0.45			
	Acenaphthene			0.8	mg/Kg	0.23	0.15			
	Acenaphthylene			ND	mg/Kg	0.23	0.15			
	Anthracene			ND	mg/Kg	0.23	0.15			
	Benzo(a)anthracene			ND	mg/Kg	0.23	0.13			
	Benzo(a)pyrene			ND	mg/Kg	0.23	0.11			
	Benzo(b)fluoranthene			ND	mg/Kg	0.23	0.15			

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD145	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Benzo(g,h,i)perylene	ND	mg/Kg	0.23	0.13	
			Benzo(k)fluoranthene	ND	mg/Kg	0.23	0.11	
			Chrysene	ND	mg/Kg	0.23	0.11	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.23	0.11	
			Dibenzofuran	0.17	mg/Kg	0.049	0.049	
			Fluoranthene	ND	mg/Kg	0.23	0.12	
			Fluorene	1.6	mg/Kg	0.23	0.17	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.23	0.16	
			Naphthalene	12	mg/Kg	0.23	0.21	
			Phenanthrene	1.3	mg/Kg	0.23	0.15	
01NE28SD146	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	66000	mg/Kg	710	130	
		AK103	RRO	1900	mg/Kg	1400	1400	VJ
		DU	Total Organic Carbon (TOC)	15	PERCENT	0.005	0.005	
		E160.3	Total Solids	37.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	24	mg/Kg	1	0.4	
			Lead	13	mg/Kg	6	2	
			Zinc	34	mg/Kg	2	0.8	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.095	0.0254	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.19	0.0305	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.095	0.0131	
PCB-1242 (Aroclor 1242)	ND		mg/Kg	0.095	0.0155			
PCB-1248 (Aroclor 1248)	ND		mg/Kg	0.095	0.0102			
PCB-1254 (Aroclor 1254)	ND		mg/Kg	0.095	0.0308			
PCB-1260 (Aroclor 1260)	ND		mg/Kg	0.095	0.025			
SW8270 SIM	2-Methylnaphthalene	500	mg/Kg	7	7			
	Acenaphthene	9.4	mg/Kg	0.7	0.48			
	Acenaphthylene	ND	mg/Kg	0.7	0.46			
	Anthracene	ND	mg/Kg	0.7	0.46			
	Benzo(a)anthracene	ND	mg/Kg	0.7	0.39			
	Benzo(a)pyrene	ND	mg/Kg	0.7	0.34			
	Benzo(b)fluoranthene	ND	mg/Kg	0.7	0.45			
	Benzo(g,h,i)perylene	ND	mg/Kg	0.7	0.39			
	Benzo(k)fluoranthene	ND	mg/Kg	0.7	0.35			
	Chrysene	ND	mg/Kg	0.7	0.33			
	Dibenzo(a,h)anthracene	ND	mg/Kg	0.7	0.34			
	Dibenzofuran	4	mg/Kg	0.7	0.7			
	Fluoranthene	ND	mg/Kg	0.7	0.36			
	Fluorene	17	mg/Kg	0.7	0.53			
	Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.7	0.49			
01NE28SD147	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	11000	mg/Kg	500	55	
		AK103	RRO	1200	mg/Kg	1000	1000	VJ
		DU	Total Organic Carbon (TOC)	4.6	PERCENT	0.005	0.005	
		E160.3	Total Solids	70	PERCENT	0.01	0.01	
		SW6010B	Chromium	20	mg/Kg	0.8	0.2	
			Lead	24	mg/Kg	3	1	
			Zinc	68.7	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.041	0.011	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.082	0.0131	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.041	0.0057	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.041	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.041	0.0044	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.041	0.0133	
		SW8270 SIM	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.041	0.0107	
			2-Methylnaphthalene	5.2	mg/Kg	0.61	0.61	
			Acenaphthene	ND	mg/Kg	0.61	0.41	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD147	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Acenaphthylene	ND	mg/Kg	0.61	0.4	
			Anthracene	ND	mg/Kg	0.61	0.4	
			Benzo(a)anthracene	ND	mg/Kg	0.61	0.34	
			Benzo(a)pyrene	ND	mg/Kg	0.61	0.29	
			Benzo(b)fluoranthene	ND	mg/Kg	0.61	0.39	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.61	0.34	
			Benzo(k)fluoranthene	ND	mg/Kg	0.61	0.3	
			Chrysene	ND	mg/Kg	0.61	0.28	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.61	0.29	
			Dibenzofuran	ND	mg/Kg	0.61	0.61	
			Fluoranthene	ND	mg/Kg	0.61	0.31	
			Fluorene	ND	mg/Kg	0.61	0.46	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.61	0.42	
			Naphthalene	1.2	mg/Kg	0.61	0.58	
			Phenanthrene	ND	mg/Kg	0.61	0.39	
01NE28SD148	Subsurface Sediment	AK102	DRO	14000	mg/Kg	250	44	
		AK103	RRO	1300	mg/Kg	490	490	VJ
		DU	Total Organic Carbon (TOC)	15	PERCENT	0.005	0.005	
		E160.3	Total Solids	32.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	17	mg/Kg	1	0.4	
			Lead	14	mg/Kg	6	2	
			Zinc	43	mg/Kg	2	0.8	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.082	0.0218	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0262	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.082	0.0113	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.082	0.0133	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.082	0.0088	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.082	0.0264	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.082	0.0214	
		SW8270 SIM	2-Methylnaphthalene	59	mg/Kg	3.6	3.6	
			Acenaphthene	ND	mg/Kg	3.6	2.4	
			Acenaphthylene	ND	mg/Kg	0.12	0.079	
			Anthracene	ND	mg/Kg	0.12	0.079	
			Benzo(a)anthracene	ND	mg/Kg	0.12	0.066	
			Benzo(a)pyrene	ND	mg/Kg	0.12	0.057	
			Benzo(b)fluoranthene	ND	mg/Kg	0.12	0.077	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.12	0.066	
			Benzo(k)fluoranthene	ND	mg/Kg	0.12	0.059	
			Chrysene	ND	mg/Kg	0.12	0.055	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.12	0.057	
			Dibenzofuran	ND	mg/Kg	3.6	3.6	
			Fluoranthene	ND	mg/Kg	0.12	0.061	
			Fluorene	0.79	mg/Kg	0.12	0.089	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.12	0.082	
			Naphthalene	27	mg/Kg	3.6	3.4	
			Phenanthrene	0.33	mg/Kg	0.12	0.077	
			Pyrene	ND	mg/Kg	0.12	0.068	
01NE28SD149	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	19000	mg/Kg	500	59	
		AK103	RRO	1900	mg/Kg	1000	1000	VJ
		DU	Total Organic Carbon (TOC)	3.8	PERCENT	0.005	0.005	
		E160.3	Total Solids	75.5	PERCENT	0.01	0.01	
		SW6010B	Chromium	26.6	mg/Kg	0.8	0.2	
			Lead	82	mg/Kg	3	1	
			Zinc	266	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.044	0.0116	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.087	0.0139	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.044	0.006	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.044	0.0071	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD149	Sediment Depth 0 to 0.5 feet bgs	SW8082	PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.044	0.0047	
			PCB-1254 (Aroclor 1254)	0.26	mg/Kg	0.044	0.0141	
			PCB-1260 (Aroclor 1260)	0.15	mg/Kg	0.044	0.0114	
		SW8270 SIM	2-Methylnaphthalene	18	mg/Kg	1.2	1.2	
			Acenaphthene	1.4	mg/Kg	1.2	0.84	
			Acenaphthylene	ND	mg/Kg	1.2	0.82	
			Anthracene	ND	mg/Kg	1.2	0.82	
			Benzo(a)anthracene	ND	mg/Kg	1.2	0.69	
			Benzo(a)pyrene	ND	mg/Kg	1.2	0.6	
			Benzo(b)fluoranthene	ND	mg/Kg	1.2	0.81	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.2	0.69	
			Benzo(k)fluoranthene	ND	mg/Kg	1.2	0.62	
			Chrysene	ND	mg/Kg	1.2	0.58	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.2	0.6	
			Dibenzofuran	ND	mg/Kg	1.2	1.2	
			Fluoranthene	ND	mg/Kg	1.2	0.64	
			Fluorene	2.8	mg/Kg	1.2	0.94	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.2	0.86	
			Naphthalene	3.2	mg/Kg	1.2	1.2	
			Phenanthrene	1.5	mg/Kg	1.2	0.81	
			Pyrene	ND	mg/Kg	1.2	0.71	
01NE28SD150	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	4600	mg/Kg	200	25	
		AK103	RRO	1300	mg/Kg	400	400	VJ
		DU	Total Organic Carbon (TOC)	3.2	PERCENT	0.005	0.005	
		E160.3	Total Solids	65.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	20.9	mg/Kg	0.8	0.2	
			Lead	22	mg/Kg	3	1	
			Zinc	78.4	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0125	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.093	0.015	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0076	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.005	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.047	0.0151	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.047	0.0122	
		SW8270 SIM	2-Methylnaphthalene	1	mg/Kg	0.028	0.028	
			Acenaphthene	0.33	mg/Kg	0.028	0.019	
			Acenaphthylene	ND	mg/Kg	0.028	0.018	
			Anthracene	ND	mg/Kg	0.028	0.018	
			Benzo(a)anthracene	ND	mg/Kg	0.028	0.015	
			Benzo(a)pyrene	ND	mg/Kg	0.028	0.013	
			Benzo(b)fluoranthene	ND	mg/Kg	0.028	0.018	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.028	0.015	
			Benzo(k)fluoranthene	ND	mg/Kg	0.028	0.014	
			Chrysene	0.031	mg/Kg	0.028	0.013	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.028	0.013	
			Dibenzofuran	0.097	mg/Kg	0.028	0.028	
			Fluoranthene	0.031	mg/Kg	0.028	0.014	
			Fluorene	0.39	mg/Kg	0.028	0.021	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.028	0.019	
			Naphthalene	0.61	mg/Kg	0.028	0.026	
			Phenanthrene	0.25	mg/Kg	0.028	0.018	
			Pyrene	0.036	mg/Kg	0.028	0.016	
01NE28SD151	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	15000	mg/Kg	500	63	
		AK103	RRO	1000	mg/Kg	1000	1000	VJ
		DU	Total Organic Carbon (TOC)	4.3	PERCENT	0.005	0.005	
		E160.3	Total Solids	66.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	19.4	mg/Kg	0.7	0.2	
			Lead	21	mg/Kg	3	0.9	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD151	Sediment Depth 0 to 0.5 feet bgs	SW6010B	Zinc	60.9	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0125	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.094	0.015	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0076	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.005	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.047	0.0151	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.047	0.0123	
		SW8270 SIM	2-Methylnaphthalene	29	mg/Kg	0.7	0.7	
			Acenaphthene	1.2	mg/Kg	0.7	0.48	
			Acenaphthylene	ND	mg/Kg	0.7	0.46	
			Anthracene	ND	mg/Kg	0.7	0.46	
			Benzo(a)anthracene	ND	mg/Kg	0.7	0.39	
			Benzo(a)pyrene	ND	mg/Kg	0.7	0.34	
			Benzo(b)fluoranthene	ND	mg/Kg	0.7	0.45	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.7	0.39	
			Benzo(k)fluoranthene	ND	mg/Kg	0.7	0.35	
			Chrysene	ND	mg/Kg	0.7	0.33	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.7	0.34	
			Dibenzofuran	ND	mg/Kg	0.7	0.7	
			Fluoranthene	ND	mg/Kg	0.7	0.36	
			Fluorene	2.4	mg/Kg	0.7	0.53	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.7	0.49	
			Naphthalene	5.6	mg/Kg	0.7	0.67	
			Phenanthrene	0.99	mg/Kg	0.7	0.45	
			Pyrene	ND	mg/Kg	0.7	0.4	
01NE28SD152	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	5700	mg/Kg	200	29	
		AK103	RRO	1200	mg/Kg	400	400	VJ
		DU	Total Organic Carbon (TOC)	3.6	PERCENT	0.005	0.005	
		E160.3	Total Solids	67.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	22.3	mg/Kg	0.8	0.2	
			Lead	22	mg/Kg	3	1	
			Zinc	68.7	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.054	0.0143	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.11	0.0172	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.054	0.0074	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.054	0.0087	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.054	0.0057	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.054	0.0173	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.054	0.014	
		SW8270 SIM	2-Methylnaphthalene	15	mg/Kg	0.4	0.4	
			Acenaphthene	0.68	mg/Kg	0.4	0.27	
			Acenaphthylene	ND	mg/Kg	0.4	0.26	
			Anthracene	ND	mg/Kg	0.4	0.26	
			Benzo(a)anthracene	ND	mg/Kg	0.4	0.22	
			Benzo(a)pyrene	ND	mg/Kg	0.4	0.19	
			Benzo(b)fluoranthene	ND	mg/Kg	0.4	0.26	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.4	0.22	
			Benzo(k)fluoranthene	ND	mg/Kg	0.4	0.2	
			Chrysene	ND	mg/Kg	0.4	0.19	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.4	0.19	
			Dibenzofuran	ND	mg/Kg	0.4	0.4	
			Fluoranthene	ND	mg/Kg	0.4	0.2	
			Fluorene	1.2	mg/Kg	0.4	0.3	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.4	0.28	
			Naphthalene	3.4	mg/Kg	0.4	0.38	
			Phenanthrene	0.48	mg/Kg	0.4	0.26	
			Pyrene	ND	mg/Kg	0.4	0.23	
01NE28SD153	Sediment	AK102	DRO	19000	mg/Kg	1000	130	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD153	Sediment Depth 0 to 0.5 feet bgs	AK103	RRO	2400	mg/Kg	2000	2000	VJ
		DU	Total Organic Carbon (TOC)	14	PERCENT	0.005	0.005	
		E160.3	Total Solids	47.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	13.2	mg/Kg	0.7	0.2	
			Lead	32	mg/Kg	3	1	
			Zinc	65.5	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0125	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.093	0.015	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0076	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.005	
			PCB-1254 (Aroclor 1254)	0.15	mg/Kg	0.047	0.0151	
			PCB-1260 (Aroclor 1260)	0.094	mg/Kg	0.047	0.0122	
		SW8270 SIM	2-Methylnaphthalene	8.9	mg/Kg	0.67	0.67	
			Acenaphthene	1.3	mg/Kg	0.67	0.45	
			Acenaphthylene	ND	mg/Kg	0.67	0.44	
			Anthracene	ND	mg/Kg	0.67	0.44	
			Benzo(a)anthracene	ND	mg/Kg	0.67	0.37	
			Benzo(a)pyrene	ND	mg/Kg	0.67	0.32	
			Benzo(b)fluoranthene	ND	mg/Kg	0.67	0.43	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.67	0.37	
			Benzo(k)fluoranthene	ND	mg/Kg	0.67	0.33	
			Chrysene	ND	mg/Kg	0.67	0.31	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.67	0.32	
			Dibenzofuran	ND	mg/Kg	0.67	0.67	
			Fluoranthene	ND	mg/Kg	0.67	0.34	
			Fluorene	1.6	mg/Kg	0.67	0.5	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.67	0.46	
			Naphthalene	1.6	mg/Kg	0.67	0.63	
			Phenanthrene	0.67	mg/Kg	0.67	0.43	
			Pyrene	ND	mg/Kg	0.67	0.38	
01NE28SD154	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	14000	mg/Kg	500	68	
		AK103	RRO	2000	mg/Kg	1000	1000	VJ
		DU	Total Organic Carbon (TOC)	12	PERCENT	0.005	0.005	
		E160.3	Total Solids	47.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	17.1	mg/Kg	0.7	0.2	
			Lead	30	mg/Kg	3	0.9	
			Zinc	65.1	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.05	0.0134	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.016	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.05	0.0069	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.05	0.0082	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.05	0.0054	
			PCB-1254 (Aroclor 1254)	0.17	mg/Kg	0.05	0.0162	
			PCB-1260 (Aroclor 1260)	0.082	mg/Kg	0.05	0.0131	
		SW8270 SIM	2-Methylnaphthalene	18	mg/Kg	1.4	1.4	
			Acenaphthene	ND	mg/Kg	1.4	0.94	
			Acenaphthylene	ND	mg/Kg	0.14	0.092	
			Anthracene	ND	mg/Kg	0.14	0.092	
			Benzo(a)anthracene	ND	mg/Kg	0.14	0.077	
			Benzo(a)pyrene	ND	mg/Kg	0.14	0.067	
			Benzo(b)fluoranthene	ND	mg/Kg	0.14	0.09	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.14	0.077	
			Benzo(k)fluoranthene	ND	mg/Kg	0.14	0.069	
			Chrysene	ND	mg/Kg	0.14	0.065	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.14	0.067	
			Dibenzofuran	0.39	mg/Kg	0.14	0.14	
			Fluoranthene	0.29	mg/Kg	0.14	0.071	
			Fluorene	1.8	mg/Kg	1.4	1	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD154	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.14	0.096	
			Naphthalene	2.8	mg/Kg	1.4	1.3	
			Phenanthrene	1.4	mg/Kg	0.14	0.09	
			Pyrene	0.18	mg/Kg	0.14	0.079	
01NE28SD155	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	88000	mg/Kg	4600	820	
		AK103	RRO	10000	mg/Kg	9200	9200	VJ
		DU	Total Organic Carbon (TOC)	10	PERCENT	0.005	0.005	
		E160.3	Total Solids	50.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	649	mg/Kg	0.9	0.2	
			Lead	4590	mg/Kg	3	1	
			Zinc	4810	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.061	0.0163	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.0195	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.061	0.0084	
			PCB-1242 (Aroclor 1242)	0.12	mg/Kg	0.061	0.01	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.061	0.0065	
			PCB-1254 (Aroclor 1254)	1.7	mg/Kg	0.061	0.0197	
			PCB-1260 (Aroclor 1260)	0.7	mg/Kg	0.061	0.016	
		SW8270 SIM	2-Methylnaphthalene	440	mg/Kg	9.1	9.1	
			Acenaphthene	14	mg/Kg	0.91	0.61	
			Acenaphthylene	ND	mg/Kg	0.91	0.6	
			Anthracene	1.6	mg/Kg	0.91	0.6	
			Benzo(a)anthracene	1.8	mg/Kg	0.91	0.5	
			Benzo(a)pyrene	1.4	mg/Kg	0.91	0.44	
			Benzo(b)fluoranthene	1.6	mg/Kg	0.91	0.59	
			Benzo(g,h,i)perylene	0.91	mg/Kg	0.91	0.5	
			Benzo(k)fluoranthene	1.6	mg/Kg	0.91	0.45	
			Chrysene	2.6	mg/Kg	0.91	0.42	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.91	0.44	
			Dibenzofuran	5.3	mg/Kg	0.91	0.91	
			Fluoranthene	4.9	mg/Kg	0.91	0.46	
			Fluorene	20	mg/Kg	0.91	0.68	
			Indeno(1,2,3-cd)pyrene	1.2	mg/Kg	0.91	0.63	
			Naphthalene	160	mg/Kg	9.1	8.6	
			Phenanthrene	17	mg/Kg	0.91	0.59	
			Pyrene	3.6	mg/Kg	0.91	0.52	
01NE28SD156	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	85000	mg/Kg	4600	830	
		AK103	RRO	14000	mg/Kg	9200	9200	VJ
		DU	Total Organic Carbon (TOC)	7.3	PERCENT	0.005	0.005	
		E160.3	Total Solids	58.6	PERCENT	0.01	0.01	
		SW6010B	Chromium	19.9	mg/Kg	0.7	0.2	
			Lead	113	mg/Kg	3	0.9	
			Zinc	511	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.061	0.0164	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.0196	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.061	0.0085	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.061	0.01	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.061	0.0066	
			PCB-1254 (Aroclor 1254)	0.52	mg/Kg	0.061	0.0198	
			PCB-1260 (Aroclor 1260)	0.23	mg/Kg	0.061	0.0161	
		SW8270 SIM	2-Methylnaphthalene	370	mg/Kg	9.3	9.3	
			Acenaphthene	8.3	mg/Kg	0.93	0.62	
			Acenaphthylene	ND	mg/Kg	0.93	0.61	
			Anthracene	1.8	mg/Kg	0.93	0.61	
			Benzo(a)anthracene	1.9	mg/Kg	0.93	0.51	
			Benzo(a)pyrene	1.4	mg/Kg	0.93	0.44	
			Benzo(b)fluoranthene	1.4	mg/Kg	0.93	0.6	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.93	0.51	
			Benzo(k)fluoranthene	1.9	mg/Kg	0.93	0.46	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD156	Subsurface Sediment Depth 1.5 to 2 feet bgs	SW8270 SIM	Chrysene	2.6	mg/Kg	0.93	0.43	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.93	0.44	
			Dibenzofuran	5.6	mg/Kg	0.93	0.93	
			Fluoranthene	5.1	mg/Kg	0.93	0.47	
			Fluorene	18	mg/Kg	0.93	0.69	
			Indeno(1,2,3-cd)pyrene	1.2	mg/Kg	0.93	0.64	
			Naphthalene	130	mg/Kg	9.3	8.8	
			Phenanthrene	16	mg/Kg	0.93	0.6	
			Pyrene	3.6	mg/Kg	0.93	0.53	
01NE28SD157	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	15000	mg/Kg	1000	130	
		AK103	RRO	ND	mg/Kg	2000	2000	VQQ
		DU	Total Organic Carbon (TOC)	4	PERCENT	0.005	0.005	
		E160.3	Total Solids	65.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	25.5	mg/Kg	0.7	0.2	
			Lead	20	mg/Kg	3	1	
			Zinc	64.2	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0126	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.094	0.0151	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0077	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.005	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.047	0.0152	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.047	0.0123	
		SW8270 SIM	2-Methylnaphthalene	3	mg/Kg	0.068	0.068	
			Acenaphthene	ND	mg/Kg	0.068	0.046	
			Acenaphthylene	ND	mg/Kg	0.068	0.045	
			Anthracene	ND	mg/Kg	0.068	0.045	
			Benzo(a)anthracene	ND	mg/Kg	0.068	0.038	
			Benzo(a)pyrene	ND	mg/Kg	0.068	0.033	
			Benzo(b)fluoranthene	ND	mg/Kg	0.068	0.044	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.068	0.038	
			Benzo(k)fluoranthene	ND	mg/Kg	0.068	0.034	
			Chrysene	ND	mg/Kg	0.068	0.032	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.068	0.033	
			Dibenzofuran	ND	mg/Kg	0.068	0.068	
			Fluoranthene	ND	mg/Kg	0.068	0.035	
			Fluorene	0.2	mg/Kg	0.068	0.051	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.068	0.047	
			Naphthalene	1	mg/Kg	0.068	0.065	
			Phenanthrene	0.075	mg/Kg	0.068	0.044	
			Pyrene	ND	mg/Kg	0.068	0.039	
01NE28SD158	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	3800	mg/Kg	200	25	
		AK103	RRO	1300	mg/Kg	400	400	VJ
		DU	Total Organic Carbon (TOC)	12	PERCENT	0.005	0.005	
		E160.3	Total Solids	41	PERCENT	0.01	0.01	
		SW6010B	Chromium	8	mg/Kg	1	0.3	
			Lead	12	mg/Kg	5	2	
			Zinc	17	mg/Kg	1	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.046	0.0122	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.091	0.0146	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.046	0.0063	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.046	0.0074	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.046	0.0049	
			PCB-1254 (Aroclor 1254)	0.048	mg/Kg	0.046	0.0147	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.046	0.012	
		SW8270 SIM	2-Methylnaphthalene	38	mg/Kg	1.7	1.7	
			Acenaphthene	ND	mg/Kg	1.7	1.1	
			Acenaphthylene	ND	mg/Kg	0.034	0.022	
			Anthracene	ND	mg/Kg	0.034	0.022	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD158	Subsurface Sediment Depth 1.5 to 2 feet bgs	SW8270 SIM	Benzo(a)anthracene	ND	mg/Kg	0.034	0.019	
			Benzo(a)pyrene	ND	mg/Kg	0.034	0.016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.034	0.022	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.034	0.019	
			Benzo(k)fluoranthene	ND	mg/Kg	0.034	0.017	
			Chrysene	ND	mg/Kg	0.034	0.016	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.034	0.016	
			Dibenzofuran	0.29	mg/Kg	0.034	0.034	
			Fluoranthene	ND	mg/Kg	0.034	0.017	
			Fluorene	0.81	mg/Kg	0.034	0.026	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.034	0.023	
			Naphthalene	18	mg/Kg	1.7	1.6	
			Phenanthrene	0.4	mg/Kg	0.034	0.022	
01NE28SD159	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	58000	mg/Kg	5000	660	
		AK103	RRO	ND	mg/Kg	10000	10000	VQQ
		DU	Total Organic Carbon (TOC)	5.3	PERCENT	0.005	0.005	
		E160.3	Total Solids	63.6	PERCENT	0.01	0.01	
		SW6010B	Chromium	28.2	mg/Kg	0.7	0.2	
			Lead	46	mg/Kg	3	1	
			Zinc	80.4	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.049	0.013	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.098	0.0156	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.049	0.0067	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.049	0.008	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.049	0.0052	
			PCB-1254 (Aroclor 1254)	0.061	mg/Kg	0.049	0.0158	
		SW8270 SIM	PCB-1260 (Aroclor 1260)	0.14	mg/Kg	0.049	0.0128	
			2-Methylnaphthalene	3	mg/Kg	1.4	1.4	
			Acenaphthene	2.1	mg/Kg	1.4	0.95	
			Acenaphthylene	ND	mg/Kg	1.4	0.93	
			Anthracene	ND	mg/Kg	1.4	0.93	
			Benzo(a)anthracene	ND	mg/Kg	1.4	0.78	
			Benzo(a)pyrene	ND	mg/Kg	1.4	0.68	
			Benzo(b)fluoranthene	ND	mg/Kg	1.4	0.91	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.78	
			Benzo(k)fluoranthene	ND	mg/Kg	1.4	0.7	
			Chrysene	ND	mg/Kg	1.4	0.65	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.68	
			Dibenzofuran	ND	mg/Kg	1.4	1.4	
			Fluoranthene	ND	mg/Kg	1.4	0.72	
			Fluorene	ND	mg/Kg	1.4	1.1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	0.97	
			Naphthalene	7.3	mg/Kg	1.4	1.3	
			Phenanthrene	ND	mg/Kg	1.4	0.91	
			Pyrene	ND	mg/Kg	1.4	0.8	
01NE28SD160	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	71000	mg/Kg	5000	660	
		AK103	RRO	2000	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	4.5	PERCENT	0.005	0.005	
		E160.3	Total Solids	71.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	24.5	mg/Kg	0.7	0.2	
			Lead	28	mg/Kg	3	1	
			Zinc	71.7	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.049	0.0132	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.099	0.0158	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.049	0.0068	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.049	0.008	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.049	0.0053	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.049	0.0159	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD160	Subsurface Sediment Depth 1.5 to 2 feet bgs	SW8082	PCB-1260 (Aroclor 1260)	0.063	mg/Kg	0.049	0.0129	
		SW8270 SIM	2-Methylnaphthalene	3.4	mg/Kg	1.4	1.4	
			Acenaphthene	3.7	mg/Kg	1.4	0.96	
			Acenaphthylene	ND	mg/Kg	1.4	0.94	
			Anthracene	ND	mg/Kg	1.4	0.94	
			Benzo(a)anthracene	ND	mg/Kg	1.4	0.79	
			Benzo(a)pyrene	ND	mg/Kg	1.4	0.69	
			Benzo(b)fluoranthene	ND	mg/Kg	1.4	0.92	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.79	
			Benzo(k)fluoranthene	ND	mg/Kg	1.4	0.71	
			Chrysene	ND	mg/Kg	1.4	0.66	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.69	
			Dibenzofuran	ND	mg/Kg	1.4	1.4	
			Fluoranthene	ND	mg/Kg	1.4	0.73	
			Fluorene	2.3	mg/Kg	1.4	1.1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	0.99	
			Naphthalene	16	mg/Kg	1.4	1.4	
			Phenanthrene	ND	mg/Kg	1.4	0.92	
			Pyrene	ND	mg/Kg	1.4	0.81	
01NE28SD161	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	75000	mg/Kg	5000	700	
		AK103	RRO	4000	mg/Kg	200	200	VJ
		DU	Total Organic Carbon (TOC)	3.9	PERCENT	0.005	0.005	
		E160.3	Total Solids	68.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	26.8	mg/Kg	0.8	0.2	
			Lead	36	mg/Kg	3	1	
			Zinc	148	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.052	0.0139	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0167	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.052	0.0072	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.052	0.0085	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.052	0.0056	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.052	0.0168	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.052	0.0136	
		SW8270 SIM	2-Methylnaphthalene	260	mg/Kg	16	16	
			Acenaphthene	12	mg/Kg	1.6	1.1	
			Acenaphthylene	ND	mg/Kg	1.6	1	
			Anthracene	ND	mg/Kg	1.6	1	
			Benzo(a)anthracene	ND	mg/Kg	1.6	0.87	
			Benzo(a)pyrene	ND	mg/Kg	1.6	0.75	
			Benzo(b)fluoranthene	ND	mg/Kg	1.6	1	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.6	0.87	
			Benzo(k)fluoranthene	ND	mg/Kg	1.6	0.77	
			Chrysene	ND	mg/Kg	1.6	0.73	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.6	0.75	
			Dibenzofuran	3.9	mg/Kg	1.6	1.6	
			Fluoranthene	ND	mg/Kg	1.6	0.8	
			Fluorene	18	mg/Kg	1.6	1.2	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.6	1.1	
			Naphthalene	54	mg/Kg	1.6	1.5	
			Phenanthrene	6.2	mg/Kg	1.6	1	
			Pyrene	ND	mg/Kg	1.6	0.89	
01NE28SD163	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	56000	mg/Kg	5000	630	
		AK103	RRO	4000	mg/Kg	200	200	VJ
		DU	Total Organic Carbon (TOC)	4.1	PERCENT	0.005	0.005	
		E160.3	Total Solids	68.3	PERCENT	0.01	0.01	
		SW6010B	Chromium	21.4	mg/Kg	0.7	0.2	
			Lead	28	mg/Kg	3	0.9	
			Zinc	155	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0125	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD163	Sediment Depth 0 to 0.5 feet bgs	SW8082	PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.094	0.015	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0077	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.005	
			PCB-1254 (Aroclor 1254)	0.073	mg/Kg	0.047	0.0152	
			PCB-1260 (Aroclor 1260)	0.18	mg/Kg	0.047	0.0123	
		SW8270 SIM	2-Methylnaphthalene	2.7	mg/Kg	1.4	1.4	
			Acenaphthene	2.3	mg/Kg	1.4	0.91	
			Acenaphthylene	ND	mg/Kg	1.4	0.89	
			Anthracene	ND	mg/Kg	1.4	0.89	
			Benzo(a)anthracene	ND	mg/Kg	1.4	0.75	
			Benzo(a)pyrene	ND	mg/Kg	1.4	0.65	
			Benzo(b)fluoranthene	ND	mg/Kg	1.4	0.87	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.75	
			Benzo(k)fluoranthene	ND	mg/Kg	1.4	0.67	
			Chrysene	ND	mg/Kg	1.4	0.63	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.65	
			Dibenzofuran	ND	mg/Kg	1.4	1.4	
			Fluoranthene	ND	mg/Kg	1.4	0.69	
			Fluorene	2.6	mg/Kg	1.4	1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	0.93	
			Naphthalene	9.5	mg/Kg	1.4	1.3	
			Phenanthrene	ND	mg/Kg	1.4	0.87	
			Pyrene	ND	mg/Kg	1.4	0.77	
01NE28SD164	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	59000	mg/Kg	5000	630	
		AK103	RRO	1600	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	4	PERCENT	0.005	0.005	
		E160.3	Total Solids	71.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	21.4	mg/Kg	0.7	0.2	
			Lead	22	mg/Kg	3	0.9	
			Zinc	53.2	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0126	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.094	0.0151	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0077	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.005	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.047	0.0152	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.047	0.0123	
		SW8270 SIM	2-Methylnaphthalene	31	mg/Kg	1.4	1.4	
			Acenaphthene	4.6	mg/Kg	1.4	0.91	
			Acenaphthylene	ND	mg/Kg	1.4	0.89	
			Anthracene	ND	mg/Kg	1.4	0.89	
			Benzo(a)anthracene	ND	mg/Kg	1.4	0.75	
			Benzo(a)pyrene	ND	mg/Kg	1.4	0.65	
			Benzo(b)fluoranthene	ND	mg/Kg	1.4	0.87	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.75	
			Benzo(k)fluoranthene	ND	mg/Kg	1.4	0.67	
			Chrysene	ND	mg/Kg	1.4	0.63	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.65	
			Dibenzofuran	ND	mg/Kg	1.4	1.4	
			Fluoranthene	ND	mg/Kg	1.4	0.69	
			Fluorene	6.9	mg/Kg	1.4	1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	0.93	
			Naphthalene	14	mg/Kg	1.4	1.3	
			Phenanthrene	ND	mg/Kg	1.4	0.87	
			Pyrene	ND	mg/Kg	1.4	0.77	
01NE28SD165	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	120	mg/Kg	25	3.4	
		AK103	RRO	620	mg/Kg	50	50	VJ
		DU	Total Organic Carbon (TOC)	2.6	PERCENT	0.005	0.005	

Summary of Analytical Results Site 28
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD165	Sediment Depth 0 to 0.5 feet bgs	E160.3	Total Solids	61.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	27.4	mg/Kg	0.8	0.2	
			Lead	61	mg/Kg	3	1	
			Zinc	71.8	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.05	0.0134	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0161	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.05	0.0069	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.05	0.0082	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.05	0.0054	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.05	0.0163	
			PCB-1260 (Aroclor 1260)	0.151	mg/Kg	0.05	0.0132	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0088	0.0088	
			Acenaphthene	ND	mg/Kg	0.0088	0.006	
			Acenaphthylene	ND	mg/Kg	0.0088	0.0058	
			Anthracene	ND	mg/Kg	0.0088	0.0058	
			Benzo(a)anthracene	ND	mg/Kg	0.0088	0.0049	
			Benzo(a)pyrene	ND	mg/Kg	0.0088	0.0042	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0088	0.0057	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0088	0.0049	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0088	0.0044	
			Chrysene	ND	mg/Kg	0.0088	0.0041	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0088	0.0042	
			Dibenzofuran	ND	mg/Kg	0.0088	0.0088	
			Fluoranthene	ND	mg/Kg	0.0088	0.0045	
			Fluorene	ND	mg/Kg	0.0088	0.0066	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0088	0.0061	
			Naphthalene	ND	mg/Kg	0.0088	0.0083	
			Phenanthrene	ND	mg/Kg	0.0088	0.0057	
			Pyrene	ND	mg/Kg	0.0088	0.005	
01NE28SD166	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	65	mg/Kg	10	1.2	
		AK103	RRO	240	mg/Kg	20	20	VJ
		DU	Total Organic Carbon (TOC)	1.3	PERCENT	0.005	0.005	
		E160.3	Total Solids	81	PERCENT	0.01	0.01	
		SW6010B	Chromium	30.1	mg/Kg	0.6	0.2	
			Lead	18	mg/Kg	3	0.8	
			Zinc	52.2	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.044	0.0117	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.087	0.014	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.044	0.006	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.044	0.0071	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.044	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.044	0.0141	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.044	0.0114	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0077	0.0077	
			Acenaphthene	ND	mg/Kg	0.0077	0.0052	
			Acenaphthylene	ND	mg/Kg	0.0077	0.0051	
			Anthracene	ND	mg/Kg	0.0077	0.0051	
			Benzo(a)anthracene	ND	mg/Kg	0.0077	0.0042	
			Benzo(a)pyrene	ND	mg/Kg	0.0077	0.0037	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0077	0.0049	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0077	0.0042	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0077	0.0038	
			Chrysene	ND	mg/Kg	0.0077	0.0036	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0077	0.0037	
			Dibenzofuran	ND	mg/Kg	0.0077	0.0077	
			Fluoranthene	ND	mg/Kg	0.0077	0.0039	
			Fluorene	ND	mg/Kg	0.0077	0.0057	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0077	0.0053	
			Naphthalene	ND	mg/Kg	0.0077	0.0072	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD166	Sediment	SW8270 SIM	Phenanthrene	ND	mg/Kg	0.0077	0.0049	
			Pyrene	ND	mg/Kg	0.0077	0.0044	
01NE28SD167	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	17000	mg/Kg	1000	110	
		AK103	RRO	10000	mg/Kg	2000	2000	VJ
		DU	Total Organic Carbon (TOC)	3	PERCENT	0.005	0.005	
		E160.3	Total Solids	83.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	57.1	mg/Kg	0.6	0.2	
			Lead	219	mg/Kg	3	0.8	
			Zinc	186	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.17	0.0453	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.34	0.0543	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.17	0.0234	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.17	0.0277	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.17	0.0182	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.17	0.0548	VQQ
			PCB-1260 (Aroclor 1260)	5.43	mg/Kg	0.17	0.0445	VLB
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	1.2	1.2	
			Acenaphthene	ND	mg/Kg	1.2	0.82	
			Acenaphthylene	ND	mg/Kg	1.2	0.8	
			Anthracene	ND	mg/Kg	1.2	0.8	
			Benzo(a)anthracene	ND	mg/Kg	1.2	0.68	
			Benzo(a)pyrene	ND	mg/Kg	1.2	0.59	
			Benzo(b)fluoranthene	ND	mg/Kg	1.2	0.79	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.2	0.68	
			Benzo(k)fluoranthene	ND	mg/Kg	1.2	0.6	
			Chrysene	ND	mg/Kg	1.2	0.57	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.2	0.59	
			Dibenzofuran	ND	mg/Kg	1.2	1.2	
			Fluoranthene	ND	mg/Kg	1.2	0.62	
			Fluorene	ND	mg/Kg	1.2	0.91	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.2	0.84	
			Naphthalene	ND	mg/Kg	1.2	1.2	
			Phenanthrene	ND	mg/Kg	1.2	0.79	
			Pyrene	ND	mg/Kg	1.2	0.7	
01NE28SD168	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	8200	mg/Kg	500	54	
		AK103	RRO	3000	mg/Kg	1000	1000	VJ
		DU	Total Organic Carbon (TOC)	3.1	PERCENT	0.005	0.005	
		E160.3	Total Solids	84.7	PERCENT	0.01	0.01	
		SW6010B	Chromium	24.4	mg/Kg	0.6	0.2	
			Lead	57	mg/Kg	2	0.8	
			Zinc	113	mg/Kg	0.7	0.3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.04	0.0106	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.079	0.0126	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.04	0.0055	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.04	0.0064	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.04	0.0042	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.04	0.0128	
			PCB-1260 (Aroclor 1260)	0.68	mg/Kg	0.04	0.0104	
		SW8270 SIM	2-Methylnaphthalene	13	mg/Kg	1.2	1.2	
			Acenaphthene	ND	mg/Kg	1.2	0.8	
			Acenaphthylene	ND	mg/Kg	1.2	0.79	
			Anthracene	ND	mg/Kg	1.2	0.79	
			Benzo(a)anthracene	ND	mg/Kg	1.2	0.66	
			Benzo(a)pyrene	ND	mg/Kg	1.2	0.57	
			Benzo(b)fluoranthene	ND	mg/Kg	1.2	0.77	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.2	0.66	
			Benzo(k)fluoranthene	ND	mg/Kg	1.2	0.59	
			Chrysene	ND	mg/Kg	1.2	0.55	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.2	0.57	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD168	Subsurface Sediment Depth 1.5 to 2 feet bgs	SW8270 SIM	Dibenzofuran	ND	mg/Kg	1.2	1.2	
			Fluoranthene	ND	mg/Kg	1.2	0.61	
			Fluorene	ND	mg/Kg	1.2	0.89	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.2	0.82	
			Naphthalene	4.9	mg/Kg	1.2	1.1	
			Phenanthrene	ND	mg/Kg	1.2	0.77	
			Pyrene	ND	mg/Kg	1.2	0.68	
01NE28SD169	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	54000	mg/Kg	2500	300	
		AK103	RRO	6300	mg/Kg	5000	5000	VJ
		DU	Total Organic Carbon (TOC)	11	PERCENT	0.005	0.005	
		E160.3	Total Solids	57.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	27.1	mg/Kg	0.7	0.2	
			Lead	48	mg/Kg	3	1	
			Zinc	94.9	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.044	0.0119	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.089	0.0142	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.044	0.0061	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.044	0.0073	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.044	0.0048	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.153	0.0144	
			PCB-1260 (Aroclor 1260)	0.435	mg/Kg	0.044	0.0117	
		SW8270 SIM	2-Methylnaphthalene	38	mg/Kg	1.3	1.3	VHB
			Acenaphthene	7.9	mg/Kg	1.3	0.89	VHB
			Acenaphthylene	ND	mg/Kg	1.3	0.87	
			Anthracene	ND	mg/Kg	1.3	0.87	
			Benzo(a)anthracene	ND	mg/Kg	1.3	0.73	
			Benzo(a)pyrene	ND	mg/Kg	1.3	0.63	
			Benzo(b)fluoranthene	ND	mg/Kg	1.3	0.85	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.3	0.73	
			Benzo(k)fluoranthene	ND	mg/Kg	1.3	0.65	
			Chrysene	ND	mg/Kg	1.3	0.61	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.3	0.63	
			Dibenzofuran	1.4	mg/Kg	1.3	1.3	VHB
			Fluoranthene	ND	mg/Kg	1.3	0.67	
			Fluorene	8.8	mg/Kg	1.3	0.99	VHB
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.3	0.91	
			Naphthalene	9.9	mg/Kg	1.3	1.2	VHB
			Phenanthrene	3.7	mg/Kg	1.3	0.85	VHB
			Pyrene	ND	mg/Kg	1.3	0.75	
01NE28SD170	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	60000	mg/Kg	2500	330	
		AK103	RRO	6900	mg/Kg	5000	5000	VJ
		DU	Total Organic Carbon (TOC)	9.1	PERCENT	0.005	0.005	
		E160.3	Total Solids	71.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	24.9	mg/Kg	0.7	0.2	
			Lead	36	mg/Kg	3	0.9	
			Zinc	81.4	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.049	0.0131	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.098	0.0157	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.049	0.0068	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.049	0.008	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.049	0.0053	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.188	0.0159	
			PCB-1260 (Aroclor 1260)	0.541	mg/Kg	0.049	0.0129	
		SW8270 SIM	2-Methylnaphthalene	51	mg/Kg	1.4	1.4	
			Acenaphthene	12	mg/Kg	1.4	0.98	
			Acenaphthylene	ND	mg/Kg	1.4	0.96	
			Anthracene	ND	mg/Kg	1.4	0.96	
			Benzo(a)anthracene	ND	mg/Kg	1.4	0.8	
			Benzo(a)pyrene	ND	mg/Kg	1.4	0.7	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD170	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Benzo(b)fluoranthene	ND	mg/Kg	1.4	0.93	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.8	
			Benzo(k)fluoranthene	ND	mg/Kg	1.4	0.72	
			Chrysene	ND	mg/Kg	1.4	0.67	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.7	
			Dibenzofuran	2.3	mg/Kg	1.4	1.4	
			Fluoranthene	ND	mg/Kg	1.4	0.74	
			Fluorene	16	mg/Kg	1.4	1.1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	1	
			Naphthalene	14	mg/Kg	1.4	1.4	
			Phenanthrene	5.9	mg/Kg	1.4	0.93	
			Pyrene	ND	mg/Kg	1.4	0.83	
01NE28SD171	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	2200	mg/Kg	94	17	
		AK103	RRO	4200	mg/Kg	190	190	VJ
		DU	Total Organic Carbon (TOC)	24	PERCENT	0.081	0.005	
		E160.3	Total Solids	16	PERCENT	0.01	0.01	
		SW6010B	Chromium	9	mg/Kg	4	1	
			Lead	ND	mg/Kg	20	5	
			Zinc	19	mg/Kg	5	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.25	0.0672	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.5	0.0805	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.25	0.0347	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.25	0.041	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.25	0.0269	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.25	0.0813	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.25	0.0659	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.045	0.045	
			Acenaphthene	ND	mg/Kg	0.045	0.03	
			Acenaphthylene	ND	mg/Kg	0.045	0.03	
			Anthracene	ND	mg/Kg	0.045	0.03	
			Benzo(a)anthracene	ND	mg/Kg	0.045	0.025	
			Benzo(a)pyrene	ND	mg/Kg	0.045	0.022	
			Benzo(b)fluoranthene	ND	mg/Kg	0.045	0.029	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.045	0.025	
			Benzo(k)fluoranthene	ND	mg/Kg	0.045	0.022	
			Chrysene	ND	mg/Kg	0.045	0.021	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.045	0.022	
			Dibenzofuran	ND	mg/Kg	0.045	0.045	
			Fluoranthene	ND	mg/Kg	0.045	0.023	
			Fluorene	ND	mg/Kg	0.045	0.034	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.045	0.031	
			Naphthalene	ND	mg/Kg	0.045	0.043	
			Phenanthrene	ND	mg/Kg	0.045	0.029	
			Pyrene	ND	mg/Kg	0.045	0.026	
01NE28SD172	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	5700	mg/Kg	220	39	
		AK103	RRO	360	mg/Kg	43	43	VJ
		DU	Total Organic Carbon (TOC)	25	PERCENT	0.076	0.005	
		E160.3	Total Solids	12.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	15	mg/Kg	3	0.8	
			Lead	30	mg/Kg	10	4	
			Zinc	104	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.29	0.0763	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.57	0.0914	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.29	0.0394	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.29	0.0466	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.29	0.0306	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.29	0.0923	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.29	0.0749	VQQ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	4.2	4.2	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD172	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Acenaphthene	ND	mg/Kg	4.2	2.8	
			Acenaphthylene	ND	mg/Kg	4.2	2.8	
			Anthracene	ND	mg/Kg	4.2	2.8	
			Benzo(a)anthracene	ND	mg/Kg	4.2	2.3	
			Benzo(a)pyrene	ND	mg/Kg	4.2	2	
			Benzo(b)fluoranthene	ND	mg/Kg	4.2	2.7	
			Benzo(g,h,i)perylene	ND	mg/Kg	4.2	2.3	
			Benzo(k)fluoranthene	ND	mg/Kg	4.2	2.1	
			Chrysene	ND	mg/Kg	4.2	1.9	
			Dibenzo(a,h)anthracene	ND	mg/Kg	4.2	2	
			Dibenzofuran	ND	mg/Kg	4.2	4.2	
			Fluoranthene	ND	mg/Kg	4.2	2.1	
			Fluorene	ND	mg/Kg	4.2	3.1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	4.2	2.9	
			Naphthalene	ND	mg/Kg	4.2	3.9	
			Phenanthrene	ND	mg/Kg	4.2	2.7	
01NE28SD173	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	1600	mg/Kg	93	17	
		AK103	RRO	2100	mg/Kg	190	190	VJ
		DU	Total Organic Carbon (TOC)	16	PERCENT	0.068	0.005	
		E160.3	Total Solids	31.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	29	mg/Kg	1	0.3	
			Lead	22	mg/Kg	5	2	
			Zinc	54	mg/Kg	2	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.0332	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.25	0.0398	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.0171	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.0202	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.0133	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0401	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0325	
		SW8270 SIM	2-Methylnaphthalene	1.4	mg/Kg	0.054	0.054	
			Acenaphthene	ND	mg/Kg	0.054	0.037	
			Acenaphthylene	ND	mg/Kg	0.054	0.036	
			Anthracene	ND	mg/Kg	0.054	0.036	
			Benzo(a)anthracene	ND	mg/Kg	0.054	0.03	
			Benzo(a)pyrene	ND	mg/Kg	0.054	0.026	
			Benzo(b)fluoranthene	ND	mg/Kg	0.054	0.035	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.054	0.03	
			Benzo(k)fluoranthene	ND	mg/Kg	0.054	0.027	
			Chrysene	ND	mg/Kg	0.054	0.025	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.054	0.026	
			Dibenzofuran	ND	mg/Kg	0.054	0.054	
			Fluoranthene	ND	mg/Kg	0.054	0.028	
			Fluorene	0.087	mg/Kg	0.054	0.041	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.054	0.037	
			Naphthalene	2	mg/Kg	0.054	0.051	
			Phenanthrene	ND	mg/Kg	0.054	0.035	
			Pyrene	ND	mg/Kg	0.054	0.031	
01NE28SD174	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	950	mg/Kg	11	1.9	
		AK103	RRO	2000	mg/Kg	21	21	VJ
		DU	Total Organic Carbon (TOC)	10	PERCENT	0.005	0.005	
		E160.3	Total Solids	40.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	26.1	mg/Kg	0.8	0.2	
			Lead	14	mg/Kg	3	1	
			Zinc	47.9	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.071	0.0191	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.14	0.0229	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.071	0.0099	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD174	Subsurface Sediment Depth 1.5 to 2 feet bgs	SW8082	PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.071	0.0116	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.071	0.0076	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.071	0.0231	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.071	0.0187	
		SW8270 SIM	2-Methylnaphthalene	0.66	mg/Kg	0.031	0.031	
			Acenaphthene	0.031	mg/Kg	0.031	0.021	
			Acenaphthylene	ND	mg/Kg	0.031	0.02	
			Anthracene	ND	mg/Kg	0.031	0.02	
			Benzo(a)anthracene	ND	mg/Kg	0.031	0.017	
			Benzo(a)pyrene	ND	mg/Kg	0.031	0.015	
			Benzo(b)fluoranthene	ND	mg/Kg	0.031	0.02	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.031	0.017	
			Benzo(k)fluoranthene	ND	mg/Kg	0.031	0.015	
			Chrysene	ND	mg/Kg	0.031	0.014	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.031	0.015	
			Dibenzofuran	ND	mg/Kg	0.031	0.031	
			Fluoranthene	ND	mg/Kg	0.031	0.016	
			Fluorene	0.062	mg/Kg	0.031	0.023	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.031	0.021	
			Naphthalene	0.33	mg/Kg	0.031	0.029	
			Phenanthrene	ND	mg/Kg	0.031	0.02	
			Pyrene	ND	mg/Kg	0.031	0.018	
01NE28SD175	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	280	mg/Kg	14	2.4	VLB
		AK103	RRO	1200	mg/Kg	27	27	VJ
		DU	Total Organic Carbon (TOC)	22	PERCENT	0.081	0.005	
		E160.3	Total Solids	20.2	PERCENT	0.01	0.01	
		SW6010B	Chromium	14	mg/Kg	3	0.7	
			Lead	30	mg/Kg	10	3	
			Zinc	48	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.18	0.0481	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.36	0.0577	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.18	0.0249	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.18	0.0294	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.18	0.0193	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.18	0.0582	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.18	0.0472	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.033	0.033	VQQ
			Acenaphthene	ND	mg/Kg	0.033	0.022	VQQ
			Acenaphthylene	ND	mg/Kg	0.033	0.022	VQQ
			Anthracene	ND	mg/Kg	0.033	0.022	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.033	0.018	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.033	0.016	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.033	0.021	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.033	0.018	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.033	0.016	VQQ
			Chrysene	ND	mg/Kg	0.033	0.015	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.033	0.016	VQQ
			Dibenzofuran	ND	mg/Kg	0.033	0.033	VQQ
			Fluoranthene	ND	mg/Kg	0.033	0.017	VQQ
			Fluorene	ND	mg/Kg	0.033	0.024	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.033	0.022	VQQ
			Naphthalene	ND	mg/Kg	0.033	0.031	VQQ
			Phenanthrene	ND	mg/Kg	0.033	0.021	VQQ
			Pyrene	ND	mg/Kg	0.033	0.019	VQQ
01NE28SD176	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	790	mg/Kg	22	4	VLB
		AK103	RRO	1400	mg/Kg	44	44	VJ
		DU	Total Organic Carbon (TOC)	43	PERCENT	0.065	0.005	
		E160.3	Total Solids	14.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	12	mg/Kg	3	0.9	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD176	Sediment Depth 0 to 0.5 feet bgs	SW6010B	Lead	20	mg/Kg	10	4	
			Zinc	68	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.29	0.0785	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.59	0.0941	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.29	0.0406	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.29	0.0479	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.29	0.0315	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.29	0.095	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.29	0.0771	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.052	0.052	
			Acenaphthene	ND	mg/Kg	0.052	0.035	
			Acenaphthylene	ND	mg/Kg	0.052	0.035	
			Anthracene	ND	mg/Kg	0.052	0.035	
			Benzo(a)anthracene	ND	mg/Kg	0.052	0.029	
			Benzo(a)pyrene	ND	mg/Kg	0.052	0.025	
			Benzo(b)fluoranthene	ND	mg/Kg	0.052	0.034	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.052	0.029	
			Benzo(k)fluoranthene	ND	mg/Kg	0.052	0.026	
			Chrysene	ND	mg/Kg	0.052	0.024	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.052	0.025	
			Dibenzofuran	ND	mg/Kg	0.052	0.052	
			Fluoranthene	ND	mg/Kg	0.052	0.027	
			Fluorene	ND	mg/Kg	0.052	0.039	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.052	0.036	
			Naphthalene	ND	mg/Kg	0.052	0.05	
			Phenanthrene	ND	mg/Kg	0.052	0.034	
			Pyrene	ND	mg/Kg	0.052	0.03	
01NE28SD177	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	12000	mg/Kg	440	78	
		AK103	RRO	1200	mg/Kg	870	870	VJ
		DU	Total Organic Carbon (TOC)	21	PERCENT	0.039	0.005	
		E160.3	Total Solids	27.6	PERCENT	0.01	0.01	
		SW6010B	Chromium	20	mg/Kg	2	0.5	
			Lead	39	mg/Kg	8	3	
			Zinc	62	mg/Kg	2	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.031	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.23	0.0371	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.016	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.0189	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.0124	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0374	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0304	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	1.7	1.7	
			Acenaphthene	ND	mg/Kg	1.7	1.2	
			Acenaphthylene	ND	mg/Kg	1.7	1.1	
			Anthracene	ND	mg/Kg	1.7	1.1	
			Benzo(a)anthracene	ND	mg/Kg	1.7	0.96	
			Benzo(a)pyrene	ND	mg/Kg	1.7	0.83	
			Benzo(b)fluoranthene	ND	mg/Kg	1.7	1.1	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.7	0.96	
			Benzo(k)fluoranthene	ND	mg/Kg	1.7	0.85	
			Chrysene	ND	mg/Kg	1.7	0.8	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.7	0.83	
			Dibenzofuran	ND	mg/Kg	1.7	1.7	
			Fluoranthene	ND	mg/Kg	1.7	0.88	
			Fluorene	ND	mg/Kg	1.7	1.3	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.7	1.2	
			Naphthalene	ND	mg/Kg	1.7	1.6	
			Phenanthrene	ND	mg/Kg	1.7	1.1	
			Pyrene	ND	mg/Kg	1.7	0.98	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD178	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	45000	mg/Kg	1600	290	
		AK103	RRO	2200	mg/Kg	330	330	VJ
		DU	Total Organic Carbon (TOC)	9.7	PERCENT	0.034	0.005	
		E160.3	Total Solids	33.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	21	mg/Kg	2	0.4	
			Lead	33	mg/Kg	6	2	
			Zinc	66	mg/Kg	2	0.9	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.029	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0348	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.015	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0177	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0116	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0351	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0285	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	3.1	3.1	
			Acenaphthene	ND	mg/Kg	3.1	2.1	
			Acenaphthylene	ND	mg/Kg	3.1	2.1	
			Anthracene	ND	mg/Kg	3.1	2.1	
			Benzo(a)anthracene	ND	mg/Kg	3.1	1.7	
			Benzo(a)pyrene	ND	mg/Kg	3.1	1.5	
			Benzo(b)fluoranthene	ND	mg/Kg	3.1	2	
			Benzo(g,h,i)perylene	ND	mg/Kg	3.1	1.7	
			Benzo(k)fluoranthene	ND	mg/Kg	3.1	1.5	
			Chrysene	ND	mg/Kg	3.1	1.5	
			Dibenzo(a,h)anthracene	ND	mg/Kg	3.1	1.5	
			Dibenzofuran	ND	mg/Kg	3.1	3.1	
			Fluoranthene	ND	mg/Kg	3.1	1.6	
			Fluorene	ND	mg/Kg	3.1	2.3	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	3.1	2.2	
			Naphthalene	ND	mg/Kg	3.1	3	
			Phenanthrene	ND	mg/Kg	3.1	2	
			Pyrene	ND	mg/Kg	3.1	1.8	
01NE28SD179	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	9600	mg/Kg	500	59	
		AK103	RRO	1300	mg/Kg	1000	1000	VJ
		DU	Total Organic Carbon (TOC)	4.5	PERCENT	0.005	0.005	
		E160.3	Total Solids	72.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	14.4	mg/Kg	0.7	0.2	
			Lead	24	mg/Kg	3	0.9	
			Zinc	49.3	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.043	0.0116	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.087	0.0139	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.043	0.006	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.043	0.0071	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.043	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.043	0.014	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.043	0.0114	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	1.2	1.2	
			Acenaphthene	ND	mg/Kg	1.2	0.84	
			Acenaphthylene	ND	mg/Kg	1.2	0.82	
			Anthracene	ND	mg/Kg	1.2	0.82	
			Benzo(a)anthracene	ND	mg/Kg	1.2	0.69	
			Benzo(a)pyrene	ND	mg/Kg	1.2	0.6	
			Benzo(b)fluoranthene	ND	mg/Kg	1.2	0.81	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.2	0.69	
			Benzo(k)fluoranthene	ND	mg/Kg	1.2	0.62	
			Chrysene	ND	mg/Kg	1.2	0.58	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.2	0.6	
			Dibenzofuran	ND	mg/Kg	1.2	1.2	
			Fluoranthene	ND	mg/Kg	1.2	0.64	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD179	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Fluorene	ND	mg/Kg	1.2	0.94	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.2	0.86	
			Naphthalene	ND	mg/Kg	1.2	1.2	
			Phenanthrene	ND	mg/Kg	1.2	0.81	
			Pyrene	ND	mg/Kg	1.2	0.71	
01NE28SD180	Subsurface Sediment Depth 1.5 to 2 feet bgs	AK102	DRO	8900	mg/Kg	560	100	
		AK103	RRO	1900	mg/Kg	1100	1100	VJ
		DU	Total Organic Carbon (TOC)	3.4	PERCENT	0.005	0.005	
		E160.3	Total Solids	72	PERCENT	0.01	0.01	
		SW6010B	Chromium	31.3	mg/Kg	0.8	0.2	
			Lead	42	mg/Kg	3	1	
			Zinc	99.5	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.074	0.0198	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.15	0.0237	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.074	0.0102	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.074	0.0121	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.074	0.0079	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.074	0.0239	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.074	0.0194	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	1.1	1.1	
			Acenaphthene	ND	mg/Kg	1.1	0.73	
			Acenaphthylene	ND	mg/Kg	1.1	0.72	
			Anthracene	ND	mg/Kg	1.1	0.72	
			Benzo(a)anthracene	ND	mg/Kg	1.1	0.6	
			Benzo(a)pyrene	ND	mg/Kg	1.1	0.52	
			Benzo(b)fluoranthene	ND	mg/Kg	1.1	0.7	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.1	0.6	
			Benzo(k)fluoranthene	ND	mg/Kg	1.1	0.54	
			Chrysene	ND	mg/Kg	1.1	0.51	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.1	0.52	
			Dibenzofuran	ND	mg/Kg	1.1	1.1	
			Fluoranthene	ND	mg/Kg	1.1	0.55	
			Fluorene	ND	mg/Kg	1.1	0.82	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.1	0.75	
			Naphthalene	ND	mg/Kg	1.1	1	
			Phenanthrene	ND	mg/Kg	1.1	0.7	
			Pyrene	ND	mg/Kg	1.1	0.62	
01NE28SD181	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	4100	mg/Kg	100	13	
		AK103	RRO	1700	mg/Kg	200	200	VJ
		DU	Total Organic Carbon (TOC)	3.4	PERCENT	0.005	0.005	
		E160.3	Total Solids	73	PERCENT	0.01	0.01	
		SW6010B	Chromium	19	mg/Kg	1	0.3	
			Lead	30	mg/Kg	4	1	
			Zinc	124	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0126	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.094	0.0151	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.0065	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.0077	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.0051	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.047	0.0152	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.047	0.0124	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	1.4	1.4	
			Acenaphthene	ND	mg/Kg	1.4	0.92	
			Acenaphthylene	ND	mg/Kg	1.4	0.9	
			Anthracene	1.9	mg/Kg	1.4	0.9	
			Benzo(a)anthracene	4.4	mg/Kg	1.4	0.76	
			Benzo(a)pyrene	2.3	mg/Kg	1.4	0.66	
			Benzo(b)fluoranthene	2.6	mg/Kg	1.4	0.88	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.76	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD181	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Benzo(k)fluoranthene	2.7	mg/Kg	1.4	0.68	
			Chrysene	5.5	mg/Kg	1.4	0.64	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.66	
			Dibenzofuran	ND	mg/Kg	1.4	1.4	
			Fluoranthene	9.3	mg/Kg	1.4	0.7	
			Fluorene	ND	mg/Kg	1.4	1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	0.95	
			Naphthalene	ND	mg/Kg	1.4	1.3	
			Phenanthrene	4.1	mg/Kg	1.4	0.88	
			Pyrene	7.5	mg/Kg	1.4	0.78	
01NE28SD182	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	1400	mg/Kg	170	31	
		AK103	RRO	2100	mg/Kg	340	340	VJ
		DU	Total Organic Carbon (TOC)	11	PERCENT	0.005	0.005	
		E160.3	Total Solids	36.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	21	mg/Kg	1	0.4	
			Lead	39	mg/Kg	5	2	
			Zinc	65	mg/Kg	2	0.8	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.0303	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.23	0.0363	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.0156	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0185	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0121	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0366	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0297	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.068	0.068	
			Acenaphthene	ND	mg/Kg	0.068	0.046	
			Acenaphthylene	ND	mg/Kg	0.068	0.045	
			Anthracene	ND	mg/Kg	0.068	0.045	
			Benzo(a)anthracene	ND	mg/Kg	0.068	0.038	
			Benzo(a)pyrene	ND	mg/Kg	0.068	0.033	
			Benzo(b)fluoranthene	ND	mg/Kg	0.068	0.044	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.068	0.038	
			Benzo(k)fluoranthene	ND	mg/Kg	0.068	0.034	
			Chrysene	ND	mg/Kg	0.068	0.032	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.068	0.033	
			Dibenzofuran	ND	mg/Kg	0.068	0.068	
			Fluoranthene	ND	mg/Kg	0.068	0.035	
			Fluorene	ND	mg/Kg	0.068	0.051	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.068	0.047	
			Naphthalene	ND	mg/Kg	0.068	0.064	
			Phenanthrene	ND	mg/Kg	0.068	0.044	
			Pyrene	ND	mg/Kg	0.068	0.039	
01NE28SD183	Sediment Depth 0 to 0.5 feet bgs	SW8081	4,4'-DDD	0.21	mg/Kg	0.035	0.0016	
			4,4'-DDE	ND	mg/Kg	0.018	0.0003	
			4,4'-DDT	ND	mg/Kg	0.014	0.0005	
			Aldrin	ND	mg/Kg	0.0035	0.0001	
			alpha-BHC	ND	mg/Kg	0.0063	0.0002	
			alpha-Chlordane	ND	mg/Kg	0.0035	0.0001	
			beta-BHC	0.012	mg/Kg	0.0035	0.0002	
			delta-BHC	ND	mg/Kg	0.0035	0.0002	
			Dieldrin	ND	mg/Kg	0.011	0.0002	
			Endosulfan I	ND	mg/Kg	0.0035	0.0002	
			Endosulfan II	ND	mg/Kg	0.007	0.0004	
			Endosulfan sulfate	ND	mg/Kg	0.011	0.0006	
			Endrin	ND	mg/Kg	0.007	0.0002	
			Endrin aldehyde	ND	mg/Kg	0.007	0.0004	
			Endrin ketone	ND	mg/Kg	0.007	0.0007	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0039	0.0002	
			gamma-Chlordane	ND	mg/Kg	0.0064	0.0001	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD183	Sediment Depth 0 to 0.5 feet bgs	SW8081	Heptachlor	0.0046	mg/Kg	0.0035	0.0002	
			Heptachlor epoxide	ND	mg/Kg	0.0035	0.0002	
			Methoxychlor	ND	mg/Kg	0.035	0.0021	
			Toxaphene	ND	mg/Kg	0.35	0.016	
01NE28SD184	Subsurface Sediment Depth 1.5 to 2 feet bgs	SW8081	4,4'-DDD	0.027	mg/Kg	0.0054	0.0002	
			4,4'-DDE	ND	mg/Kg	0.0054	0.0002	
			4,4'-DDT	ND	mg/Kg	0.0054	0.0004	
			Aldrin	ND	mg/Kg	0.0027	1E-04	
			alpha-BHC	ND	mg/Kg	0.0027	0.0002	
			alpha-Chlordane	ND	mg/Kg	0.0027	8E-05	
			beta-BHC	ND	mg/Kg	0.0027	0.0002	
			delta-BHC	ND	mg/Kg	0.0027	0.0001	
			Dieldrin	ND	mg/Kg	0.0054	0.0002	
			Endosulfan I	ND	mg/Kg	0.0027	0.0002	
			Endosulfan II	ND	mg/Kg	0.0054	0.0003	
			Endosulfan sulfate	ND	mg/Kg	0.0054	0.0005	
			Endrin	ND	mg/Kg	0.0054	0.0002	
			Endrin aldehyde	ND	mg/Kg	0.0054	0.0003	
			Endrin ketone	ND	mg/Kg	0.0054	0.0006	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0027	0.0001	
			gamma-Chlordane	ND	mg/Kg	0.0027	0.0001	
			Heptachlor	ND	mg/Kg	0.0027	0.0001	
			Heptachlor epoxide	ND	mg/Kg	0.0027	0.0001	
			Methoxychlor	ND	mg/Kg	0.027	0.0016	
			Toxaphene	ND	mg/Kg	0.27	0.012	
01NE28SD185	Sediment Depth 0 to 0.5 feet bgs	SW8081	4,4'-DDD	1.5	mg/Kg	0.26	0.012	
			4,4'-DDE	ND	mg/Kg	0.11	0.0003	
			4,4'-DDT	ND	mg/Kg	0.032	0.0005	
			Aldrin	ND	mg/Kg	0.0033	0.0001	
			alpha-BHC	ND	mg/Kg	0.004	0.0002	
			alpha-Chlordane	ND	mg/Kg	0.0033	1E-04	
			beta-BHC	ND	mg/Kg	0.0064	0.0002	
			delta-BHC	ND	mg/Kg	0.0033	0.0001	
			Dieldrin	ND	mg/Kg	0.097	0.0002	
			Endosulfan I	ND	mg/Kg	0.0033	0.0002	
			Endosulfan II	ND	mg/Kg	0.0083	0.0004	
			Endosulfan sulfate	ND	mg/Kg	0.058	0.0006	
			Endrin	ND	mg/Kg	0.0066	0.0002	
			Endrin aldehyde	ND	mg/Kg	0.038	0.0004	
			Endrin ketone	ND	mg/Kg	0.0066	0.0007	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0033	0.0001	
			gamma-Chlordane	ND	mg/Kg	0.032	0.0001	
			Heptachlor	ND	mg/Kg	0.0033	0.0001	
			Heptachlor epoxide	ND	mg/Kg	0.0033	0.0001	
			Methoxychlor	ND	mg/Kg	0.033	0.002	
			Toxaphene	ND	mg/Kg	0.33	0.015	
01NE28SD186	Subsurface Sediment Depth 1.5 to 2 feet bgs	SW8081	4,4'-DDD	0.47	mg/Kg	0.1	0.0045	
			4,4'-DDE	ND	mg/Kg	0.018	0.0002	
			4,4'-DDT	ND	mg/Kg	0.014	0.0003	
			Aldrin	ND	mg/Kg	0.0025	9E-05	
			alpha-BHC	ND	mg/Kg	0.004	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0025	8E-05	
			beta-BHC	ND	mg/Kg	0.0063	0.0002	
			delta-BHC	ND	mg/Kg	0.0025	0.0001	
			Dieldrin	ND	mg/Kg	0.005	0.0002	
			Endosulfan I	ND	mg/Kg	0.0025	0.0001	
			Endosulfan II	ND	mg/Kg	0.0087	0.0003	
			Endosulfan sulfate	0.0086	mg/Kg	0.005	0.0004	
			Endrin	ND	mg/Kg	0.005	0.0002	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD186	Subsurface Sediment Depth 1.5 to 2 feet bgs	SW8081	Endrin aldehyde	ND	mg/Kg	0.005	0.0003	
			Endrin ketone	ND	mg/Kg	0.005	0.0005	
			gamma-BHC (Lindane)	0.0065	mg/Kg	0.0025	0.0001	
			gamma-Chlordane	ND	mg/Kg	0.0064	1E-04	
			Heptachlor	0.0044	mg/Kg	0.0025	0.0001	
			Heptachlor epoxide	ND	mg/Kg	0.0025	0.0001	
			Methoxychlor	ND	mg/Kg	0.025	0.0015	
01NE28SD187	Sediment Depth 0 to 0.5 feet bgs	SW8081	Toxaphene	ND	mg/Kg	0.25	0.011	
			4,4'-DDD	0.0072	mg/Kg	0.0066	0.0003	
			4,4'-DDE	ND	mg/Kg	0.0066	0.0003	
			4,4'-DDT	ND	mg/Kg	0.0066	0.0005	
			Aldrin	ND	mg/Kg	0.0033	0.0001	
			alpha-BHC	ND	mg/Kg	0.0033	0.0002	
			alpha-Chlordane	ND	mg/Kg	0.0033	0.0001	
			beta-BHC	ND	mg/Kg	0.0033	0.0002	
			delta-BHC	ND	mg/Kg	0.0033	0.0002	
			Dieldrin	ND	mg/Kg	0.0066	0.0002	
			Endosulfan I	ND	mg/Kg	0.0033	0.0002	
			Endosulfan II	ND	mg/Kg	0.0066	0.0004	
			Endosulfan sulfate	ND	mg/Kg	0.0066	0.0006	
			Endrin	ND	mg/Kg	0.0066	0.0002	
			Endrin aldehyde	ND	mg/Kg	0.0066	0.0004	
			Endrin ketone	ND	mg/Kg	0.0066	0.0007	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0033	0.0001	
			gamma-Chlordane	ND	mg/Kg	0.0033	0.0001	
			Heptachlor	ND	mg/Kg	0.0033	0.0002	
			Heptachlor epoxide	ND	mg/Kg	0.0033	0.0002	
01NE28SD188	Sediment Depth 0 to 0.5 feet bgs	SW8081	Methoxychlor	ND	mg/Kg	0.033	0.002	
			Toxaphene	ND	mg/Kg	0.33	0.015	
			4,4'-DDD	ND	mg/Kg	0.034	0.0015	
			4,4'-DDE	ND	mg/Kg	0.034	0.0013	
			4,4'-DDT	ND	mg/Kg	0.034	0.0023	
			Aldrin	ND	mg/Kg	0.017	0.0006	
			alpha-BHC	ND	mg/Kg	0.017	0.0009	
			alpha-Chlordane	ND	mg/Kg	0.017	0.0005	
			beta-BHC	ND	mg/Kg	0.017	0.001	
			delta-BHC	ND	mg/Kg	0.017	0.0007	
			Dieldrin	ND	mg/Kg	0.034	0.001	
			Endosulfan I	ND	mg/Kg	0.017	0.0009	
			Endosulfan II	ND	mg/Kg	0.034	0.0021	
			Endosulfan sulfate	ND	mg/Kg	0.034	0.0028	
			Endrin	ND	mg/Kg	0.034	0.001	
			Endrin aldehyde	ND	mg/Kg	0.034	0.0019	
			Endrin ketone	ND	mg/Kg	0.034	0.0034	
			gamma-BHC (Lindane)	ND	mg/Kg	0.017	0.0007	
			gamma-Chlordane	ND	mg/Kg	0.017	0.0006	
			Heptachlor	ND	mg/Kg	0.017	0.0007	
01NE28SD189	Sediment Depth 0 to 0.5 feet bgs	SW8081	Heptachlor epoxide	ND	mg/Kg	0.017	0.0007	
			Methoxychlor	ND	mg/Kg	0.17	0.01	
			Toxaphene	ND	mg/Kg	1.7	0.076	
			4,4'-DDD	ND	mg/Kg	0.031	0.0014	
			4,4'-DDE	ND	mg/Kg	0.031	0.0012	
			4,4'-DDT	ND	mg/Kg	0.031	0.0021	
			Aldrin	ND	mg/Kg	0.015	0.0006	
			alpha-BHC	ND	mg/Kg	0.015	0.0008	
			alpha-Chlordane	ND	mg/Kg	0.015	0.0005	
			beta-BHC	ND	mg/Kg	0.015	0.0009	
			delta-BHC	ND	mg/Kg	0.015	0.0007	
			Dieldrin	ND	mg/Kg	0.031	0.0009	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD189	Sediment Depth 0 to 0.5 feet bgs	SW8081	Endosulfan I	ND	mg/Kg	0.015	0.0008	
			Endosulfan II	ND	mg/Kg	0.031	0.0019	
			Endosulfan sulfate	ND	mg/Kg	0.031	0.0026	
			Endrin	ND	mg/Kg	0.031	0.0009	
			Endrin aldehyde	ND	mg/Kg	0.031	0.0017	
			Endrin ketone	ND	mg/Kg	0.031	0.0031	
			gamma-BHC (Lindane)	ND	mg/Kg	0.015	0.0006	
			gamma-Chlordane	ND	mg/Kg	0.015	0.0006	
			Heptachlor	ND	mg/Kg	0.015	0.0007	
			Heptachlor epoxide	ND	mg/Kg	0.015	0.0007	
			Methoxychlor	ND	mg/Kg	0.15	0.0092	
			Toxaphene	ND	mg/Kg	1.5	0.069	
01NE28SD190	Sediment Depth 0 to 0.5 feet bgs	SW8081	4,4'-DDD	ND	mg/Kg	0.01	0.0005	
			4,4'-DDE	ND	mg/Kg	0.01	0.0004	
			4,4'-DDT	ND	mg/Kg	0.01	0.0007	
			Aldrin	ND	mg/Kg	0.0052	0.0002	
			alpha-BHC	ND	mg/Kg	0.0052	0.0003	
			alpha-Chlordane	ND	mg/Kg	0.0052	0.0002	
			beta-BHC	ND	mg/Kg	0.0052	0.0003	
			delta-BHC	ND	mg/Kg	0.0052	0.0002	
			Dieldrin	ND	mg/Kg	0.01	0.0003	
			Endosulfan I	ND	mg/Kg	0.0052	0.0003	
			Endosulfan II	ND	mg/Kg	0.01	0.0006	
			Endosulfan sulfate	ND	mg/Kg	0.01	0.0009	
			Endrin	ND	mg/Kg	0.01	0.0003	
			Endrin aldehyde	ND	mg/Kg	0.01	0.0006	
			Endrin ketone	ND	mg/Kg	0.01	0.0011	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0052	0.0002	
			gamma-Chlordane	ND	mg/Kg	0.0052	0.0002	
			Heptachlor	ND	mg/Kg	0.0052	0.0002	
			Heptachlor epoxide	ND	mg/Kg	0.0052	0.0002	
			Methoxychlor	ND	mg/Kg	0.052	0.0031	
			Toxaphene	ND	mg/Kg	0.52	0.023	
01NE28SD191	Sediment Depth 0 to 0.5 feet bgs	SW8081	4,4'-DDD	0.015	mg/Kg	0.0053	0.0002	
			4,4'-DDE	ND	mg/Kg	0.0053	0.0002	
			4,4'-DDT	ND	mg/Kg	0.0053	0.0004	
			Aldrin	ND	mg/Kg	0.0026	1E-04	
			alpha-BHC	ND	mg/Kg	0.0029	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0026	8E-05	
			beta-BHC	ND	mg/Kg	0.0092	0.0002	
			delta-BHC	ND	mg/Kg	0.0026	0.0001	
			Dieldrin	ND	mg/Kg	0.0053	0.0002	
			Endosulfan I	ND	mg/Kg	0.0026	0.0001	
			Endosulfan II	ND	mg/Kg	0.0053	0.0003	
			Endosulfan sulfate	ND	mg/Kg	0.0053	0.0004	
			Endrin	ND	mg/Kg	0.0053	0.0002	
			Endrin aldehyde	ND	mg/Kg	0.0053	0.0003	
			Endrin ketone	ND	mg/Kg	0.0053	0.0005	
			gamma-BHC (Lindane)	0.0029	mg/Kg	0.0026	0.0001	
			gamma-Chlordane	ND	mg/Kg	0.0026	0.0001	
			Heptachlor	ND	mg/Kg	0.0026	0.0001	
			Heptachlor epoxide	ND	mg/Kg	0.0026	0.0001	
			Methoxychlor	ND	mg/Kg	0.026	0.0016	
			Toxaphene	ND	mg/Kg	0.26	0.012	
01NE28SD192	Sediment Depth 0 to 0.5 feet bgs	SW8081	4,4'-DDD	ND	mg/Kg	0.0072	0.0002	
			4,4'-DDE	ND	mg/Kg	0.0043	0.0002	
			4,4'-DDT	ND	mg/Kg	0.0043	0.0003	
			Aldrin	ND	mg/Kg	0.0022	8E-05	
			alpha-BHC	ND	mg/Kg	0.0022	0.0001	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD192	Sediment Depth 0 to 0.5 feet bgs	SW8081	alpha-Chlordane	ND	mg/Kg	0.0022	7E-05	
			beta-BHC	ND	mg/Kg	0.0022	0.0001	
			delta-BHC	ND	mg/Kg	0.0022	1E-04	
			Dieldrin	ND	mg/Kg	0.0043	0.0001	
			Endosulfan I	ND	mg/Kg	0.0022	0.0001	
			Endosulfan II	ND	mg/Kg	0.0043	0.0003	
			Endosulfan sulfate	ND	mg/Kg	0.0043	0.0004	
			Endrin	ND	mg/Kg	0.0043	0.0001	
			Endrin aldehyde	ND	mg/Kg	0.0043	0.0003	
			Endrin ketone	ND	mg/Kg	0.0043	0.0004	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0022	9E-05	
			gamma-Chlordane	ND	mg/Kg	0.0022	8E-05	
			Heptachlor	ND	mg/Kg	0.0022	1E-04	
			Heptachlor epoxide	ND	mg/Kg	0.0022	1E-04	
			Methoxychlor	ND	mg/Kg	0.022	0.0013	
			Toxaphene	ND	mg/Kg	0.22	0.0098	
01NE28SD211	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	1500	mg/Kg	19	3.4	
		AK103	RRO	820	mg/Kg	38	38	VJ
		SW6010B	Chromium	17	mg/Kg	4	1	
			Lead	ND	mg/Kg	20	6	
			Zinc	77	mg/Kg	5	3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.25	0.0668	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.5	0.08	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.25	0.0345	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.25	0.0408	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.25	0.0268	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.25	0.0808	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.25	0.0655	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.044	0.044	
			Acenaphthene	ND	mg/Kg	0.044	0.03	
			Acenaphthylene	0.053	mg/Kg	0.044	0.029	
			Anthracene	ND	mg/Kg	0.044	0.029	
			Benzo(a)anthracene	ND	mg/Kg	0.044	0.024	
			Benzo(a)pyrene	ND	mg/Kg	0.044	0.021	
			Benzo(b)fluoranthene	ND	mg/Kg	0.044	0.028	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.044	0.024	
			Benzo(k)fluoranthene	ND	mg/Kg	0.044	0.022	
			Chrysene	ND	mg/Kg	0.044	0.02	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.044	0.021	
			Dibenzofuran	ND	mg/Kg	0.044	0.044	
			Fluoranthene	0.048	mg/Kg	0.044	0.022	
			Fluorene	ND	mg/Kg	0.044	0.033	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.044	0.03	
			Naphthalene	ND	mg/Kg	0.044	0.041	
			Phenanthrene	0.048	mg/Kg	0.044	0.028	
			Pyrene	0.079	mg/Kg	0.044	0.025	
01NE28SD225	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	860	mg/Kg	50	8.5	
		AK103	RRO	510	mg/Kg	100	100	VJ
		SW6010B	Chromium	17	mg/Kg	1	0.3	
			Lead	5	mg/Kg	4	1	
			Zinc	29	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.062	0.0167	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.02	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.062	0.0086	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.062	0.0102	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.062	0.0067	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.062	0.0202	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.062	0.0164	
		SW8270 SIM	2-Methylnaphthalene	9.6	mg/Kg	0.18	0.18	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD225	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	Acenaphthene	0.27	mg/Kg	0.037	0.025	
			Acenaphthylene	ND	mg/Kg	0.037	0.024	
			Anthracene	ND	mg/Kg	0.037	0.024	
			Benzo(a)anthracene	ND	mg/Kg	0.037	0.02	
			Benzo(a)pyrene	ND	mg/Kg	0.037	0.018	
			Benzo(b)fluoranthene	ND	mg/Kg	0.037	0.024	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.037	0.02	
			Benzo(k)fluoranthene	ND	mg/Kg	0.037	0.018	
			Chrysene	ND	mg/Kg	0.037	0.017	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.037	0.018	
			Dibenzofuran	0.081	mg/Kg	0.037	0.037	
			Fluoranthene	ND	mg/Kg	0.037	0.019	
			Fluorene	0.28	mg/Kg	0.037	0.028	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.037	0.025	
			Naphthalene	4.4	mg/Kg	0.18	0.17	
			Phenanthrene	0.11	mg/Kg	0.037	0.024	
			Pyrene	ND	mg/Kg	0.037	0.021	
01NE28SD239	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	610	mg/Kg	60	11	
		AK103	RRO	2500	mg/Kg	120	120	VJ
		SW6010B	Chromium	21	mg/Kg	1	0.3	
			Lead	9	mg/Kg	5	2	
			Zinc	51	mg/Kg	2	0.7	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.081	0.0215	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.16	0.0258	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.081	0.0111	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.081	0.0131	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.081	0.0086	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.081	0.026	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.081	0.0211	
		SW8270 SIM	2-Methylnaphthalene	0.016	mg/Kg	0.014	0.014	
			Acenaphthene	ND	mg/Kg	0.014	0.0097	
			Acenaphthylene	ND	mg/Kg	0.014	0.0095	
			Anthracene	ND	mg/Kg	0.014	0.0095	
			Benzo(a)anthracene	ND	mg/Kg	0.014	0.008	
			Benzo(a)pyrene	ND	mg/Kg	0.014	0.0069	
			Benzo(b)fluoranthene	ND	mg/Kg	0.014	0.0093	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.014	0.008	
			Benzo(k)fluoranthene	ND	mg/Kg	0.014	0.0071	
			Chrysene	ND	mg/Kg	0.014	0.0067	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.014	0.0069	
			Dibenzofuran	ND	mg/Kg	0.014	0.014	
			Fluoranthene	ND	mg/Kg	0.014	0.0074	
			Fluorene	ND	mg/Kg	0.014	0.011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.014	0.01	
			Naphthalene	0.017	mg/Kg	0.014	0.014	
			Phenanthrene	ND	mg/Kg	0.014	0.0093	
			Pyrene	ND	mg/Kg	0.014	0.0082	
01NE28SD251	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	14000	mg/Kg	500	61	
		AK103	RRO	ND	mg/Kg	1000	1000	VQQ
		SW6010B	Chromium	17.7	mg/Kg	0.7	0.2	
			Lead	23	mg/Kg	3	1	
			Zinc	67.9	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.045	0.0121	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.09	0.0145	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.045	0.0062	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.045	0.0074	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.045	0.0048	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.045	0.0146	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.045	0.0119	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD251	Sediment Depth 0 to 0.5 feet bgs	SW8270 SIM	2-Methylnaphthalene	28	mg/Kg	0.68	0.68	
			Acenaphthene	1.5	mg/Kg	0.68	0.46	
			Acenaphthylene	ND	mg/Kg	0.68	0.45	
			Anthracene	ND	mg/Kg	0.68	0.45	
			Benzo(a)anthracene	ND	mg/Kg	0.68	0.38	
			Benzo(a)pyrene	ND	mg/Kg	0.68	0.32	
			Benzo(b)fluoranthene	ND	mg/Kg	0.68	0.44	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.68	0.38	
			Benzo(k)fluoranthene	ND	mg/Kg	0.68	0.33	
			Chrysene	ND	mg/Kg	0.68	0.31	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.68	0.32	
			Dibenzofuran	ND	mg/Kg	0.68	0.68	
			Fluoranthene	ND	mg/Kg	0.68	0.34	
			Fluorene	2.4	mg/Kg	0.68	0.51	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.68	0.47	
			Naphthalene	5.3	mg/Kg	0.68	0.64	
			Phenanthrene	0.95	mg/Kg	0.68	0.44	
			Pyrene	ND	mg/Kg	0.68	0.39	
01NE28SD253	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	20000	mg/Kg	1000	110	
		AK103	RRO	2400	mg/Kg	2000	2000	VJ
		SW6010B	Chromium	12.8	mg/Kg	0.8	0.2	
			Lead	60	mg/Kg	3	1	
			Zinc	67	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.04	0.0106	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.08	0.0128	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.04	0.0055	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.04	0.0065	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.04	0.0043	
			PCB-1254 (Aroclor 1254)	0.17	mg/Kg	0.04	0.0129	
			PCB-1260 (Aroclor 1260)	0.099	mg/Kg	0.04	0.0104	
		SW8270 SIM	2-Methylnaphthalene	7.7	mg/Kg	0.57	0.57	
			Acenaphthene	1.2	mg/Kg	0.57	0.39	
			Acenaphthylene	ND	mg/Kg	0.57	0.38	
			Anthracene	ND	mg/Kg	0.57	0.38	
			Benzo(a)anthracene	ND	mg/Kg	0.57	0.32	
			Benzo(a)pyrene	ND	mg/Kg	0.57	0.28	
			Benzo(b)fluoranthene	ND	mg/Kg	0.57	0.37	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.57	0.32	
			Benzo(k)fluoranthene	ND	mg/Kg	0.57	0.28	
			Chrysene	ND	mg/Kg	0.57	0.27	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.57	0.28	
			Dibenzofuran	ND	mg/Kg	0.57	0.57	
			Fluoranthene	ND	mg/Kg	0.57	0.29	
			Fluorene	1.4	mg/Kg	0.57	0.43	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.57	0.4	
			Naphthalene	1.4	mg/Kg	0.57	0.54	
			Phenanthrene	0.63	mg/Kg	0.57	0.37	
			Pyrene	ND	mg/Kg	0.57	0.33	
01NE28SD257	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	18000	mg/Kg	1000	130	
		AK103	RRO	ND	mg/Kg	2000	2000	VQQ
		SW6010B	Chromium	22.6	mg/Kg	0.8	0.2	
			Lead	19	mg/Kg	3	1	
			Zinc	56.6	mg/Kg	0.9	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.049	0.013	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.097	0.0156	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.049	0.0067	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.049	0.0079	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.049	0.0052	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.049	0.0157	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD257	Sediment Depth 0 to 0.5 feet bgs	SW8082	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.049	0.0127	
		SW8270 SIM	2-Methylnaphthalene	3.1	mg/Kg	0.071	0.071	
			Acenaphthene	ND	mg/Kg	0.071	0.048	
			Acenaphthylene	ND	mg/Kg	0.071	0.047	
			Anthracene	ND	mg/Kg	0.071	0.047	
			Benzo(a)anthracene	ND	mg/Kg	0.071	0.04	
			Benzo(a)pyrene	ND	mg/Kg	0.071	0.034	
			Benzo(b)fluoranthene	ND	mg/Kg	0.071	0.046	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.071	0.04	
			Benzo(k)fluoranthene	ND	mg/Kg	0.071	0.035	
			Chrysene	ND	mg/Kg	0.071	0.033	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.071	0.034	
			Dibenzofuran	ND	mg/Kg	0.071	0.071	
			Fluoranthene	ND	mg/Kg	0.071	0.036	
			Fluorene	ND	mg/Kg	0.071	0.054	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.071	0.049	
			Naphthalene	1.1	mg/Kg	0.071	0.068	
			Phenanthrene	ND	mg/Kg	0.071	0.046	
			Pyrene	ND	mg/Kg	0.071	0.041	
01NE28SD263	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	57000	mg/Kg	5000	660	
		AK103	RRO	4200	mg/Kg	200	200	VJ
		SW6010B	Chromium	23.2	mg/Kg	0.8	0.2	
			Lead	29	mg/Kg	3	1	
			Zinc	89.2	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.048	0.0129	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.097	0.0155	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.048	0.0067	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.048	0.0079	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.048	0.0052	
			PCB-1254 (Aroclor 1254)	0.11	mg/Kg	0.048	0.0157	
			PCB-1260 (Aroclor 1260)	0.17	mg/Kg	0.048	0.0127	
		SW8270 SIM	2-Methylnaphthalene	2.7	mg/Kg	1.4	1.4	
			Acenaphthene	2.4	mg/Kg	1.4	0.95	
			Acenaphthylene	ND	mg/Kg	1.4	0.93	
			Anthracene	ND	mg/Kg	1.4	0.93	
			Benzo(a)anthracene	ND	mg/Kg	1.4	0.78	
			Benzo(a)pyrene	ND	mg/Kg	1.4	0.68	
			Benzo(b)fluoranthene	ND	mg/Kg	1.4	0.91	
			Benzo(g,h,i)perylene	ND	mg/Kg	1.4	0.78	
			Benzo(k)fluoranthene	ND	mg/Kg	1.4	0.7	
			Chrysene	ND	mg/Kg	1.4	0.65	
			Dibenzo(a,h)anthracene	ND	mg/Kg	1.4	0.68	
			Dibenzofuran	ND	mg/Kg	1.4	1.4	
			Fluoranthene	ND	mg/Kg	1.4	0.72	
			Fluorene	2.4	mg/Kg	1.4	1.1	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	1.4	0.97	
			Naphthalene	9.7	mg/Kg	1.4	1.3	
			Phenanthrene	ND	mg/Kg	1.4	0.91	
			Pyrene	ND	mg/Kg	1.4	0.8	
01NE28SD271	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	1500	mg/Kg	17	3	VLB
		AK103	RRO	1400	mg/Kg	34	34	VJ
		SW6010B	Chromium	8	mg/Kg	3	0.9	
			Lead	ND	mg/Kg	10	4	
			Zinc	17	mg/Kg	4	2	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.23	0.0603	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.45	0.0723	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.23	0.0312	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.23	0.0368	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.23	0.0242	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD271	Sediment Depth 0 to 0.5 feet bgs	SW8082	PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.23	0.073	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.23	0.0592	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.04	0.04	
			Acenaphthene	ND	mg/Kg	0.04	0.027	
			Acenaphthylene	ND	mg/Kg	0.04	0.026	
			Anthracene	ND	mg/Kg	0.04	0.026	
			Benzo(a)anthracene	ND	mg/Kg	0.04	0.022	
			Benzo(a)pyrene	ND	mg/Kg	0.04	0.019	
			Benzo(b)fluoranthene	ND	mg/Kg	0.04	0.026	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.04	0.022	
			Benzo(k)fluoranthene	ND	mg/Kg	0.04	0.02	
			Chrysene	ND	mg/Kg	0.04	0.019	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.04	0.019	
			Dibenzofuran	ND	mg/Kg	0.04	0.04	
			Fluoranthene	ND	mg/Kg	0.04	0.02	
			Fluorene	ND	mg/Kg	0.04	0.03	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.04	0.027	
			Naphthalene	ND	mg/Kg	0.04	0.038	
			Phenanthrene	ND	mg/Kg	0.04	0.026	
			Pyrene	ND	mg/Kg	0.04	0.023	
01NE28SD275	Sediment Depth 0 to 0.5 feet bgs	AK102	DRO	240	mg/Kg	13	2.3	
		AK103	RRO	1800	mg/Kg	26	26	VJ
		SW6010B	Chromium	9	mg/Kg	3	0.7	
			Lead	ND	mg/Kg	10	3	
			Zinc	16	mg/Kg	3	1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.17	0.046	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.34	0.0552	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.17	0.0238	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.17	0.0281	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.17	0.0184	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.17	0.0557	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.17	0.0452	
		SW8270 SIM	2-Methylnaphthalene	0.1	mg/Kg	0.031	0.031	
			Acenaphthene	ND	mg/Kg	0.031	0.021	
			Acenaphthylene	ND	mg/Kg	0.031	0.02	
			Anthracene	ND	mg/Kg	0.031	0.02	
			Benzo(a)anthracene	ND	mg/Kg	0.031	0.017	
			Benzo(a)pyrene	ND	mg/Kg	0.031	0.015	
			Benzo(b)fluoranthene	ND	mg/Kg	0.031	0.02	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.031	0.017	
			Benzo(k)fluoranthene	ND	mg/Kg	0.031	0.015	
			Chrysene	ND	mg/Kg	0.031	0.014	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.031	0.015	
			Dibenzofuran	ND	mg/Kg	0.031	0.031	
			Fluoranthene	ND	mg/Kg	0.031	0.016	
			Fluorene	ND	mg/Kg	0.031	0.023	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.031	0.021	
			Naphthalene	0.034	mg/Kg	0.031	0.029	
			Phenanthrene	ND	mg/Kg	0.031	0.02	
			Pyrene	ND	mg/Kg	0.031	0.018	
01NE28SD285	Sediment Depth 0 to 0.5 feet bgs	SW8081	4,4'-DDD	0.83	mg/Kg	0.11	0.0051	
			4,4'-DDE	ND	mg/Kg	0.082	0.0002	
			4,4'-DDT	ND	mg/Kg	0.022	0.0004	
			Aldrin	ND	mg/Kg	0.0028	0.0001	
			alpha-BHC	ND	mg/Kg	0.0028	0.0002	
			alpha-Chlordane	ND	mg/Kg	0.0028	9E-05	
			beta-BHC	0.0039	mg/Kg	0.0028	0.0002	
			delta-BHC	ND	mg/Kg	0.0028	0.0001	
			Dieldrin	ND	mg/Kg	0.016	0.0002	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SD285	Sediment Depth 0 to 0.5 feet bgs	SW8081	Endosulfan I	ND	mg/Kg	0.0028	0.0002	
			Endosulfan II	ND	mg/Kg	0.0057	0.0004	
			Endosulfan sulfate	ND	mg/Kg	0.056	0.0005	
			Endrin	ND	mg/Kg	0.0057	0.0002	
			Endrin aldehyde	ND	mg/Kg	0.035	0.0003	
			Endrin ketone	ND	mg/Kg	0.0057	0.0006	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0028	0.0001	
			gamma-Chlordane	ND	mg/Kg	0.026	0.0001	
			Heptachlor	ND	mg/Kg	0.0028	0.0001	
			Heptachlor epoxide	ND	mg/Kg	0.0028	0.0001	
			Methoxychlor	ND	mg/Kg	0.028	0.0017	
			Toxaphene	ND	mg/Kg	0.28	0.013	
01NE28SD292	Sediment Depth 0 to 0.5 feet bgs	SW8081	4,4'-DDD	ND	mg/Kg	0.0071	0.0002	
			4,4'-DDE	ND	mg/Kg	0.0065	0.0002	
			4,4'-DDT	ND	mg/Kg	0.005	0.0003	
			Aldrin	ND	mg/Kg	0.0021	7E-05	
			alpha-BHC	ND	mg/Kg	0.0021	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0021	6E-05	
			beta-BHC	ND	mg/Kg	0.0021	0.0001	
			delta-BHC	ND	mg/Kg	0.0021	9E-05	
			Dieldrin	ND	mg/Kg	0.0078	0.0001	
			Endosulfan I	ND	mg/Kg	0.0021	0.0001	
			Endosulfan II	ND	mg/Kg	0.0041	0.0003	
			Endosulfan sulfate	ND	mg/Kg	0.012	0.0004	
			Endrin	ND	mg/Kg	0.0041	0.0001	
			Endrin aldehyde	ND	mg/Kg	0.0041	0.0002	
			Endrin ketone	ND	mg/Kg	0.0041	0.0004	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0021	9E-05	
			gamma-Chlordane	ND	mg/Kg	0.0038	8E-05	
			Heptachlor	ND	mg/Kg	0.0021	9E-05	
			Heptachlor epoxide	ND	mg/Kg	0.0021	9E-05	
			Methoxychlor	ND	mg/Kg	0.021	0.0012	
			Toxaphene	ND	mg/Kg	0.21	0.0093	
01NE28SW111	Surface Water	AK102	DRO	0.41	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003	
01NE28SW112	Surface Water	AK102	DRO	0.71	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003	
01NE28SW113	Surface Water	AK102	DRO	0.57	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	

**Summary of Analytical Results Site 28
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE28SW113	Surface Water	SW8082	PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003	
01NE28SW114	Surface Water	AK102	DRO	2.3	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003				
01NE28SW115	Surface Water	AK102	DRO	0.68	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003				
01NE28SW116	Surface Water	AK102	DRO	0.39	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003				
01NE28SW211	Surface Water	AK102	DRO	0.41	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.0003	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.0003	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.0003	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.0002	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.0003	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.0003				

Key:

- DRO - diesel range organics
- MDL - method detection limit
- mg/L - milligram per liter
- mg/Kg - milligram per kilogram
- MRL - method reporting limit
- ND - not detected
- RRO - residual range organics
- SIM - selected ion monitoring
- VB - The analyte was detected in the associated blank and the sample indicating possible contamination.
- VJ - The analyte was positively identified; the quantitation is an estimation.
- VQQ - The practical quantitation limit is approximate due to QC or matrix effects.

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT101 Eggs	Fish Tissue	E160.1	Total Lipids	7.62	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.019	0.007	
			Arsenic	0.21	mg/Kg	0.19	0.07	
			Barium	0.04	mg/Kg	0.007	0.007	
			Cadmium	0.014	mg/Kg	0.019	0.007	VJ
			Lead	ND	mg/Kg	0.007	0.004	
			Nickel	ND	mg/Kg	0.07	0.01	
			Silver	0.027	mg/Kg	0.007	0.007	
			Vanadium	0.074	mg/Kg	0.074	0.007	
			Zinc	25.1	mg/Kg	0.19	0.03	
		SW8270 SIM	2-Methylnaphthalene	0.009	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0092	mg/Kg	0.005	0.0012	
			Anthracene	0.011	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.012	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.009	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.0073	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0089	mg/Kg	0.005	0.0014	VB
			Benzo(k)fluoranthene	0.018	mg/Kg	0.005	0.0018	
			Chrysene	0.012	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.0068	mg/Kg	0.005	0.0016	
			Fluoranthene	0.013	mg/Kg	0.005	0.0014	
			Fluorene	0.011	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.0043	mg/Kg	0.005	0.00053	VJ
			Naphthalene	0.0066	mg/Kg	0.005	0.0018	
			Phenanthrene	0.012	mg/Kg	0.005	0.0014	
			Pyrene	0.014	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.1	
			Copper	3.01	mg/Kg	0.37	0.07	
		SW7471A	Mercury	0.006	mg/Kg	0.003	0.002	
		SW7741	Selenium	0.52	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0077	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT101 Fillet	Fish Tissue	E160.1	Total Lipids	5.25	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.012	0.005	
			Arsenic	0.65	mg/Kg	0.12	0.05	
			Barium	0.042	mg/Kg	0.005	0.005	
			Cadmium	0.009	mg/Kg	0.012	0.005	VJ
			Lead	0.005	mg/Kg	0.005	0.002	
			Nickel	0.03	mg/Kg	0.05	0.01	VJ
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.017	mg/Kg	0.046	0.005	VJ
			Zinc	5.56	mg/Kg	0.12	0.02	
		SW8270 SIM	2-Methylnaphthalene	0.0065	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0067	mg/Kg	0.005	0.0012	
			Anthracene	0.0072	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.0082	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	0.0059	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.004	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	0.0064	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.012	mg/Kg	0.005	0.0018	
			Chrysene	0.0084	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	0.0041	mg/Kg	0.005	0.0016	VJ
			Fluoranthene	0.0093	mg/Kg	0.005	0.0014	
			Fluorene	0.0076	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.0027	mg/Kg	0.005	0.00053	VJ
			Naphthalene	0.0047	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.0086	mg/Kg	0.005	0.0014	
			Pyrene	0.01	mg/Kg	0.005	0.0015	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT101 Fillet	Fish Tissue	SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.62	mg/Kg	0.23	0.05	
		SW7471A	Mercury	0.02	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.13	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.011	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT101 Head	Fish Tissue	E160.1	Total Lipids	12.4	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.017	0.007	
			Arsenic	0.68	mg/Kg	0.17	0.07	
			Barium	0.403	mg/Kg	0.007	0.007	
			Cadmium	0.012	mg/Kg	0.017	0.007	VJ
			Lead	0.011	mg/Kg	0.007	0.003	
			Nickel	0.3	mg/Kg	0.07	0.01	
			Silver	ND	mg/Kg	0.007	0.007	
			Vanadium	0.064	mg/Kg	0.067	0.007	VJ
			Zinc	16.5	mg/Kg	0.17	0.03	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	0.0014	mg/Kg	0.005	0.0014	VJ
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.1	
			Copper	0.62	mg/Kg	0.33	0.07	
		SW7471A	Mercury	0.016	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.15	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.03	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT102 Eggs	Fish Tissue	E160.1	Total Lipids	7.93	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.019	0.008	
			Arsenic	0.29	mg/Kg	0.19	0.08	
			Barium	0.105	mg/Kg	0.008	0.008	
			Cadmium	0.042	mg/Kg	0.019	0.008	
			Lead	0.004	mg/Kg	0.008	0.004	VJ
			Nickel	ND	mg/Kg	0.08	0.01	
			Silver	0.025	mg/Kg	0.008	0.008	
			Vanadium	0.113	mg/Kg	0.078	0.008	
			Zinc	28.7	mg/Kg	0.19	0.03	
		SW8270 SIM	2-Methylnaphthalene	0.0026	mg/Kg	0.005	0.0024	VJ
			Acenaphthene	0.0022	mg/Kg	0.005	0.0012	VJ
			Anthracene	0.0025	mg/Kg	0.005	0.0015	VJ
			Benzo(a)anthracene	0.003	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT102 Eggs	Fish Tissue	SW8270 SIM	Benzo(b)fluoranthene	0.0015	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	0.0028	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.004	mg/Kg	0.005	0.0018	VJ
			Chrysene	0.0031	mg/Kg	0.005	0.0018	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0033	mg/Kg	0.005	0.0014	VJ
			Fluorene	0.0026	mg/Kg	0.005	0.0011	VJ
			Indeno(1,2,3-cd)pyrene	0.00087	mg/Kg	0.005	0.00053	VJ
			Naphthalene	0.0021	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.0031	mg/Kg	0.005	0.0014	VJ
			Pyrene	0.0034	mg/Kg	0.005	0.0015	VJ
		SW6010B	Chromium	ND	mg/Kg	0.2	0.2	
			Copper	2.97	mg/Kg	0.39	0.08	
		SW7471A	Mercury	0.004	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.46	mg/Kg	0.08	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.013	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT102 Fillet	Fish Tissue	E160.1	Total Lipids	5.19	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.014	0.005	
			Arsenic	0.69	mg/Kg	0.14	0.05	
			Barium	0.021	mg/Kg	0.005	0.005	
			Cadmium	0.007	mg/Kg	0.014	0.005	VJ
			Lead	0.003	mg/Kg	0.005	0.003	VJ
			Nickel	ND	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.06	mg/Kg	0.055	0.005	
			Zinc	7.08	mg/Kg	0.14	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.98	mg/Kg	0.27	0.05	
		SW7471A	Mercury	0.015	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.13	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.013	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT102 Head	Fish Tissue	E160.1	Total Lipids	11.3	PERCENT	0.05	0.05	
		E200.8	Antimony	0.01	mg/Kg	0.016	0.006	VJ
			Arsenic	0.6	mg/Kg	0.16	0.06	
			Barium	0.466	mg/Kg	0.006	0.006	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT102 Head	Fish Tissue	E200.8	Cadmium	0.012	mg/Kg	0.016	0.006	VJ
			Lead	0.007	mg/Kg	0.006	0.003	
			Nickel	1.02	mg/Kg	0.06	0.01	
			Silver	ND	mg/Kg	0.006	0.006	
			Vanadium	0.079	mg/Kg	0.065	0.006	
			Zinc	20.4	mg/Kg	0.16	0.03	
		SW8270 SIM	2-Methylnaphthalene	0.0028	mg/Kg	0.005	0.0024	VJ
			Acenaphthene	0.0025	mg/Kg	0.005	0.0012	VJ
			Anthracene	0.0025	mg/Kg	0.005	0.0015	VJ
			Benzo(a)anthracene	0.0023	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	0.0021	mg/Kg	0.005	0.002	VJ
			Benzo(b)fluoranthene	0.002	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	0.0025	mg/Kg	0.005	0.0014	VB
			Benzo(k)fluoranthene	0.004	mg/Kg	0.005	0.0018	VJ
			Chrysene	0.0035	mg/Kg	0.005	0.0018	VJ
			Dibenzo(a,h)anthracene	0.0016	mg/Kg	0.005	0.0016	VJ
			Fluoranthene	0.0041	mg/Kg	0.005	0.0014	VJ
			Fluorene	0.0031	mg/Kg	0.005	0.0011	VJ
			Indeno(1,2,3-cd)pyrene	0.001	mg/Kg	0.005	0.00053	VJ
			Naphthalene	0.002	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.0047	mg/Kg	0.005	0.0014	VJ
			Pyrene	0.0043	mg/Kg	0.005	0.0015	VJ
		SW6010B	Chromium	ND	mg/Kg	0.2	0.1	
			Copper	1.06	mg/Kg	0.32	0.06	
		SW7471A	Mercury	0.011	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.15	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.023	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT103 Fillet	Fish Tissue	E160.1	Total Lipids	9.02	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.014	0.006	
			Arsenic	0.78	mg/Kg	0.14	0.06	
			Barium	0.032	mg/Kg	0.006	0.006	
			Cadmium	ND	mg/Kg	0.014	0.006	
			Lead	0.012	mg/Kg	0.006	0.003	
			Nickel	ND	mg/Kg	0.06	0.01	
			Silver	ND	mg/Kg	0.006	0.006	
			Vanadium	0.049	mg/Kg	0.057	0.006	VJ
			Zinc	7.07	mg/Kg	0.14	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.71	mg/Kg	0.29	0.06	
		SW7471A	Mercury	0.019	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.14	mg/Kg	0.06	0.02	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT103 Fillet	Fish Tissue	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.015	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT103 Remains	Fish Tissue	E160.1	Total Lipids	10.4	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.015	0.006	
			Arsenic	0.78	mg/Kg	0.15	0.06	
			Barium	0.119	mg/Kg	0.006	0.006	
			Cadmium	0.033	mg/Kg	0.015	0.006	
			Lead	0.007	mg/Kg	0.006	0.003	
			Nickel	1.12	mg/Kg	0.06	0.01	
			Silver	0.011	mg/Kg	0.006	0.006	
			Vanadium	0.059	mg/Kg	0.061	0.006	VJ
			Zinc	20.8	mg/Kg	0.15	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.1	
			Copper	1.08	mg/Kg	0.3	0.06	
		SW7471A	Mercury	0.013	mg/Kg	0.003	0.002	
		SW7741	Selenium	0.19	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.015	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT104 Fillet	Fish Tissue	E160.1	Total Lipids	7.39	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.013	0.005	
			Arsenic	0.71	mg/Kg	0.13	0.05	
			Barium	0.049	mg/Kg	0.005	0.005	
			Cadmium	0.006	mg/Kg	0.013	0.005	VJ
			Lead	0.005	mg/Kg	0.005	0.003	
			Nickel	0.03	mg/Kg	0.05	0.01	VJ
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.048	mg/Kg	0.05	0.005	VJ
			Zinc	6.48	mg/Kg	0.13	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	0.0013	mg/Kg	0.005	0.0012	VJ
			Anthracene	0.0017	mg/Kg	0.005	0.0015	VJ
			Benzo(a)anthracene	0.0014	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	0.0021	mg/Kg	0.005	0.002	VJ
			Benzo(b)fluoranthene	0.0012	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	0.004	mg/Kg	0.005	0.0014	VB
			Benzo(k)fluoranthene	0.0037	mg/Kg	0.005	0.0018	VJ
			Chrysene	0.0025	mg/Kg	0.005	0.0018	VJ

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT104 Fillet	Fish Tissue	SW8270 SIM	Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0023	mg/Kg	0.005	0.0014	VJ
			Fluorene	0.0016	mg/Kg	0.005	0.0011	VJ
			Indeno(1,2,3-cd)pyrene	0.0011	mg/Kg	0.005	0.00053	VJ
			Naphthalene	0.0018	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.0024	mg/Kg	0.005	0.0014	VJ
			Pyrene	0.0033	mg/Kg	0.005	0.0015	VJ
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.55	mg/Kg	0.25	0.05	
		SW7471A	Mercury	0.019	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.12	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.016	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT105 Fillet	Fish Tissue	E160.1	Total Lipids	5.51	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.013	0.005	
			Arsenic	0.7	mg/Kg	0.13	0.05	
			Barium	0.02	mg/Kg	0.005	0.005	
			Cadmium	ND	mg/Kg	0.013	0.005	
			Lead	ND	mg/Kg	0.005	0.003	
			Nickel	ND	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.045	mg/Kg	0.05	0.005	VJ
			Zinc	6.06	mg/Kg	0.13	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	0.0034	mg/Kg	0.005	0.0014	VJ
			Benzo(k)fluoranthene	0.0024	mg/Kg	0.005	0.0018	VJ
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0017	mg/Kg	0.005	0.0014	VJ
			Fluorene	0.0012	mg/Kg	0.005	0.0011	VJ
			Indeno(1,2,3-cd)pyrene	0.00074	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	0.002	mg/Kg	0.005	0.0014	VJ
			Pyrene	0.0026	mg/Kg	0.005	0.0015	VJ
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.73	mg/Kg	0.25	0.05	
		SW7471A	Mercury	0.022	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.17	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0061	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT106 Fillet	Fish Tissue	E160.1	Total Lipids	7.99	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.014	0.006	
			Arsenic	0.53	mg/Kg	0.14	0.06	
			Barium	0.026	mg/Kg	0.006	0.006	
			Cadmium	ND	mg/Kg	0.014	0.006	
			Lead	ND	mg/Kg	0.006	0.003	
			Nickel	0.1	mg/Kg	0.06	0.01	
			Silver	ND	mg/Kg	0.006	0.006	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT106 Fillet	Fish Tissue	E200.8	Vanadium	0.039	mg/Kg	0.056	0.006	VJ
			Zinc	5.95	mg/Kg	0.14	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	0.0019	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.67	mg/Kg	0.28	0.06	
		SW7471A	Mercury	0.014	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.13	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.013	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT107 Fillet	Fish Tissue	E160.1	Total Lipids	5.68	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.013	0.005	
			Arsenic	0.5	mg/Kg	0.13	0.05	
			Barium	0.015	mg/Kg	0.005	0.005	
			Cadmium	0.006	mg/Kg	0.013	0.005	VJ
			Lead	ND	mg/Kg	0.005	0.003	
			Nickel	ND	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.042	mg/Kg	0.052	0.005	VJ
			Zinc	6.32	mg/Kg	0.13	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.65	mg/Kg	0.26	0.05	
		SW7471A	Mercury	0.017	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.14	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT107 Fillet	Fish Tissue	SW8082	PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0075	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT107 Remains	Fish Tissue	E160.1	Total Lipids	9.62	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.014	0.006	
			Arsenic	0.51	mg/Kg	0.14	0.06	
			Barium	0.152	mg/Kg	0.006	0.006	
			Cadmium	0.044	mg/Kg	0.014	0.006	
			Lead	0.003	mg/Kg	0.006	0.003	
			Nickel	0.07	mg/Kg	0.06	0.01	
			Silver	0.021	mg/Kg	0.006	0.006	
			Vanadium	0.045	mg/Kg	0.058	0.006	VJ
			Zinc	27.7	mg/Kg	0.14	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	0.002	mg/Kg	0.005	0.0012	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	0.0018	mg/Kg	0.005	0.0012	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	0.0019	mg/Kg	0.005	0.0018	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	0.0013	mg/Kg	0.005	0.00053	VJ
			Naphthalene	0.002	mg/Kg	0.005	0.0018	VJ
			Phenanthrene	0.0024	mg/Kg	0.005	0.0014	VJ
			Pyrene	0.0031	mg/Kg	0.005	0.0015	VJ
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	1.3	mg/Kg	0.29	0.06	
		SW7471A	Mercury	0.015	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.2	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.018	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
01NE29FT108 Egg	Fish Tissue	E160.1	Total Lipids	7.49	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.019	0.007	
			Arsenic	0.23	mg/Kg	0.19	0.07	
			Barium	0.034	mg/Kg	0.007	0.007	
			Cadmium	0.011	mg/Kg	0.019	0.007	VJ
			Lead	ND	mg/Kg	0.007	0.004	
			Nickel	ND	mg/Kg	0.07	0.01	
			Silver	0.036	mg/Kg	0.007	0.007	
			Vanadium	0.142	mg/Kg	0.074	0.007	
			Zinc	36.9	mg/Kg	0.19	0.03	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29FT108 Egg	Fish Tissue	SW8270 SIM	Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.1	
			Copper	2.85	mg/Kg	0.37	0.07	
		SW7471A	Mercury	0.004	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.44	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0089	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.0041	mg/Kg	0.002	0.0007	
01NE29FT108 Fillet	Fish Tissue	E160.1	Total Lipids	5.83	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.013	0.005	
			Arsenic	0.54	mg/Kg	0.13	0.05	
			Barium	0.036	mg/Kg	0.005	0.005	
			Cadmium	ND	mg/Kg	0.013	0.005	
			Lead	0.006	mg/Kg	0.005	0.003	
			Nickel	ND	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.046	mg/Kg	0.05	0.005	VJ
			Zinc	7.09	mg/Kg	0.13	0.02	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	0.0015	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.7	mg/Kg	0.25	0.05	
		SW7471A	Mercury	0.017	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.13	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.011	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.0045	mg/Kg	0.002	0.0007	
01NE29SD114	Sediment	SW8270 SIM	2-Methylnaphthalene	0.15	mg/Kg	0.0084	0.0084	
			Acenaphthene	0.013	mg/Kg	0.0084	0.0057	VP,VJ
			Acenaphthylene	ND	mg/Kg	0.0084	0.0055	
			Anthracene	ND	mg/Kg	0.0084	0.0055	
			Benzo(a)anthracene	ND	mg/Kg	0.0084	0.0047	
			Benzo(a)pyrene	ND	mg/Kg	0.0084	0.004	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0084	0.0054	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0084	0.0047	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0084	0.0042	
			Chrysene	ND	mg/Kg	0.0084	0.0039	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0084	0.004	
			Dibenzofuran	ND	mg/Kg	0.0084	0.0084	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD114	Sediment	SW8270 SIM	Fluoranthene	ND	mg/Kg	0.0084	0.0043	
			Fluorene	0.017	mg/Kg	0.0084	0.0063	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0084	0.0058	
			Naphthalene	0.031	mg/Kg	0.0084	0.0079	
			Phenanthrene	0.011	mg/Kg	0.0084	0.0054	
			Pyrene	ND	mg/Kg	0.0084	0.0048	
		AK102	DRO	410	mg/Kg	25	4	
		AK103	RRO	770	mg/Kg	50	50	VJ
		DU	Total Organic Carbon (TOC)	3.2	PERCENT	0.005	0.005	
		E160.3	Total Solids	59.3	PERCENT	0.01	0.01	
		SW6010B	Chromium	18	mg/Kg	1	0.3	
			Lead	17	mg/Kg	4	1	
			Zinc	53	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.06	0.0161	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.0192	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.06	0.0083	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.06	0.0098	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.06	0.00644	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.06	0.0194	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.06	0.0158	
01NE29SD115	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0029	0.0029	
			Acenaphthene	ND	mg/Kg	0.0029	0.002	
			Acenaphthylene	ND	mg/Kg	0.0029	0.0019	
			Anthracene	ND	mg/Kg	0.0029	0.0019	
			Benzo(a)anthracene	ND	mg/Kg	0.0029	0.0016	
			Benzo(a)pyrene	ND	mg/Kg	0.0029	0.0014	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0029	0.0019	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0029	0.0016	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0029	0.0015	
			Chrysene	ND	mg/Kg	0.0029	0.0014	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0029	0.0014	
			Dibenzofuran	ND	mg/Kg	0.0029	0.0029	
			Fluoranthene	ND	mg/Kg	0.0029	0.0015	
			Fluorene	ND	mg/Kg	0.0029	0.0022	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0029	0.002	
			Naphthalene	ND	mg/Kg	0.0029	0.0028	
			Phenanthrene	ND	mg/Kg	0.0029	0.0019	
			Pyrene	ND	mg/Kg	0.0029	0.0017	
		AK102	DRO	13	mg/Kg	5	0.68	
		AK103	RRO	26	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	0.74	PERCENT	0.005	0.005	
		E160.3	Total Solids	86.5	PERCENT	0.01	0.01	
		SW6010B	Chromium	11	mg/Kg	1	0.4	
			Lead	8	mg/Kg	6	2	
			Zinc	34	mg/Kg	2	0.9	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.05	0.0134	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0161	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.05	0.00694	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.05	0.0082	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.05	0.00538	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.05	0.0163	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.05	0.0132	
01NE29SD116	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0031	0.0031	
			Acenaphthene	ND	mg/Kg	0.0031	0.0021	
			Acenaphthylene	ND	mg/Kg	0.0031	0.002	
			Anthracene	ND	mg/Kg	0.0031	0.002	
			Benzo(a)anthracene	ND	mg/Kg	0.0031	0.0017	
			Benzo(a)pyrene	ND	mg/Kg	0.0031	0.0015	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0031	0.002	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0031	0.0017	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0031	0.0015	
			Chrysene	ND	mg/Kg	0.0031	0.0014	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0031	0.0015	

Summary of Analytical Results Site 29
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD116	Sediment	SW8270 SIM	Dibenzofuran	ND	mg/Kg	0.0031	0.0031	
			Fluoranthene	ND	mg/Kg	0.0031	0.0016	
			Fluorene	ND	mg/Kg	0.0031	0.0023	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0031	0.0021	
			Naphthalene	ND	mg/Kg	0.0031	0.0029	
			Phenanthrene	ND	mg/Kg	0.0031	0.002	
			Pyrene	ND	mg/Kg	0.0031	0.0018	
		AK102	DRO	95	mg/Kg	5	0.71	
		AK103	RRO	250	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	4.7	PERCENT	0.005	0.005	
		E160.3	Total Solids	51.3	PERCENT	0.01	0.01	
		SW6010B	Chromium	15	mg/Kg	1	0.3	
			Lead	15	mg/Kg	4	1	
			Zinc	46	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.052	0.014	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0168	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.052	0.00723	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.052	0.00853	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.052	0.0056	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.052	0.0169	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.052	0.0137	
01NE29SD117	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0022	0.0022	
			Acenaphthene	ND	mg/Kg	0.0022	0.0015	
			Acenaphthylene	ND	mg/Kg	0.0022	0.0015	
			Anthracene	ND	mg/Kg	0.0022	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.0022	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.0022	0.0011	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0022	0.0014	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0022	0.0012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0022	0.0011	
			Chrysene	ND	mg/Kg	0.0022	0.001	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0022	0.0011	
			Dibenzofuran	ND	mg/Kg	0.0022	0.0022	
			Fluoranthene	ND	mg/Kg	0.0022	0.0011	
			Fluorene	ND	mg/Kg	0.0022	0.0017	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0022	0.0015	
			Naphthalene	ND	mg/Kg	0.0022	0.0021	
			Phenanthrene	ND	mg/Kg	0.0022	0.0014	
			Pyrene	ND	mg/Kg	0.0022	0.0013	
		AK102	DRO	9.3	mg/Kg	5	0.5	
		AK103	RRO	ND	mg/Kg	10	10	VQQ
		DU	Total Organic Carbon (TOC)	0.32	PERCENT	0.005	0.005	
		E160.3	Total Solids	87.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	2.8	mg/Kg	0.5	0.1	
			Lead	8	mg/Kg	2	0.7	
			Zinc	26.6	mg/Kg	0.6	0.3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.00992	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.074	0.0119	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.00513	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.00605	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.00397	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.037	0.012	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.037	0.00973	
01NE29SD118	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.008	0.008	
			Acenaphthene	ND	mg/Kg	0.008	0.0054	
			Acenaphthylene	ND	mg/Kg	0.008	0.0053	
			Anthracene	0.023	mg/Kg	0.008	0.0053	
			Benzo(a)anthracene	ND	mg/Kg	0.008	0.0044	
			Benzo(a)pyrene	ND	mg/Kg	0.008	0.0038	
			Benzo(b)fluoranthene	ND	mg/Kg	0.008	0.0051	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.008	0.0044	
			Benzo(k)fluoranthene	ND	mg/Kg	0.008	0.0039	
			Chrysene	ND	mg/Kg	0.008	0.0037	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD118	Sediment	SW8270 SIM	Dibenzo(a,h)anthracene	ND	mg/Kg	0.008	0.0038	
			Dibenzofuran	ND	mg/Kg	0.008	0.008	
			Fluoranthene	0.01	mg/Kg	0.008	0.0041	
			Fluorene	ND	mg/Kg	0.008	0.006	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.008	0.0055	
			Naphthalene	ND	mg/Kg	0.008	0.0075	
			Phenanthrene	0.022	mg/Kg	0.008	0.0051	
			Pyrene	ND	mg/Kg	0.008	0.0045	
		AK102	DRO	18	mg/Kg	5	0.6	
		AK103	RRO	45	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	0.58	PERCENT	0.005	0.005	
		E160.3	Total Solids	81.8	PERCENT	0.01	0.01	
		SW6010B	Chromium	11.3	mg/Kg	0.9	0.2	
			Lead	11	mg/Kg	4	1	
			Zinc	35	mg/Kg	1	0.5	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.045	0.0119	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.089	0.0143	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.045	0.00617	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.045	0.00728	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.045	0.00478	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.045	0.0144	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.045	0.0117	
01NE29SD119	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0066	0.0066	
			Acenaphthene	ND	mg/Kg	0.0066	0.0045	
			Acenaphthylene	ND	mg/Kg	0.0066	0.0044	
			Anthracene	ND	mg/Kg	0.0066	0.0044	
			Benzo(a)anthracene	ND	mg/Kg	0.0066	0.0037	
			Benzo(a)pyrene	ND	mg/Kg	0.0066	0.0032	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0066	0.0043	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0066	0.0037	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0066	0.0033	
			Chrysene	ND	mg/Kg	0.0066	0.0031	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0066	0.0032	
			Dibenzofuran	ND	mg/Kg	0.0066	0.0066	
			Fluoranthene	ND	mg/Kg	0.0066	0.0034	
			Fluorene	ND	mg/Kg	0.0066	0.005	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0066	0.0046	
			Naphthalene	ND	mg/Kg	0.0066	0.0063	
			Phenanthrene	ND	mg/Kg	0.0066	0.0043	
			Pyrene	ND	mg/Kg	0.0066	0.0038	
		AK102	DRO	15	mg/Kg	5	0.51	
		AK103	RRO	100	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	0.5	PERCENT	0.005	0.005	
		E160.3	Total Solids	86.5	PERCENT	0.01	0.01	
		SW6010B	Chromium	24.9	mg/Kg	0.6	0.1	
			Lead	24	mg/Kg	2	0.7	
			Zinc	43.5	mg/Kg	0.7	0.3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.038	0.01	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.075	0.012	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.038	0.00518	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.038	0.00612	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.038	0.00402	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.038	0.0121	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.038	0.00984	
01NE29SD120	Sediment	AK102	DRO	27	mg/Kg	5	0.55	
		AK103	RRO	51	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	0.27	PERCENT	0.005	0.005	
		E160.3	Total Solids	86.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	3.9	mg/Kg	0.6	0.2	
			Lead	5	mg/Kg	2	0.8	
			Zinc	14.4	mg/Kg	0.7	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.041	0.0108	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.081	0.013	VQQ

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD120	Sediment	SW8082	PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.041	0.0056	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.041	0.00661	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.041	0.00434	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.041	0.0131	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.041	0.0106	VQQ
01NE29SD121	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0064	0.0064	
			Acenaphthene	ND	mg/Kg	0.0064	0.0043	
			Acenaphthylene	ND	mg/Kg	0.0064	0.0042	
			Anthracene	ND	mg/Kg	0.0064	0.0042	
			Benzo(a)anthracene	ND	mg/Kg	0.0064	0.0036	
			Benzo(a)pyrene	ND	mg/Kg	0.0064	0.0031	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0064	0.0041	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0064	0.0036	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0064	0.0032	
			Chrysene	ND	mg/Kg	0.0064	0.003	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0064	0.0031	
			Dibenzofuran	ND	mg/Kg	0.0064	0.0064	
			Fluoranthene	ND	mg/Kg	0.0064	0.0033	
			Fluorene	ND	mg/Kg	0.0064	0.0048	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0064	0.0044	
			Naphthalene	ND	mg/Kg	0.0064	0.0061	
			Phenanthrene	ND	mg/Kg	0.0064	0.0041	
			Pyrene	ND	mg/Kg	0.0064	0.0037	
		AK102	DRO	ND	mg/Kg	5	0.49	
		AK103	RRO	10	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	0.19	PERCENT	0.005	0.005	
		E160.3	Total Solids	87.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	4.9	mg/Kg	0.6	0.1	
			Lead	5	mg/Kg	2	0.7	
			Zinc	19.7	mg/Kg	0.7	0.3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.036	0.00967	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.072	0.0116	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.036	0.005	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.036	0.0059	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.036	0.00387	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.036	0.0117	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.036	0.00948	VQQ
01NE29SD122	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.007	0.007	
			Acenaphthene	ND	mg/Kg	0.007	0.0047	
			Acenaphthylene	ND	mg/Kg	0.007	0.0046	
			Anthracene	ND	mg/Kg	0.007	0.0046	
			Benzo(a)anthracene	ND	mg/Kg	0.007	0.0039	
			Benzo(a)pyrene	ND	mg/Kg	0.007	0.0033	
			Benzo(b)fluoranthene	ND	mg/Kg	0.007	0.0045	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.007	0.0039	
			Benzo(k)fluoranthene	ND	mg/Kg	0.007	0.0035	
			Chrysene	ND	mg/Kg	0.007	0.0032	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.007	0.0033	
			Dibenzofuran	ND	mg/Kg	0.007	0.007	
			Fluoranthene	ND	mg/Kg	0.007	0.0036	
			Fluorene	ND	mg/Kg	0.007	0.0052	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.007	0.0048	
			Naphthalene	ND	mg/Kg	0.007	0.0066	
			Phenanthrene	ND	mg/Kg	0.007	0.0045	
			Pyrene	ND	mg/Kg	0.007	0.004	
		AK102	DRO	37	mg/Kg	5	0.54	VLB
		AK103	RRO	50	mg/Kg	10	10	VLB
		DU	Total Organic Carbon (TOC)	1.1	PERCENT	0.005	0.005	
		E160.3	Total Solids	77.4	PERCENT	0.01	0.01	
		SW6010B	Chromium	2.9	mg/Kg	0.6	0.1	
			Lead	6	mg/Kg	2	0.7	
			Zinc	16.2	mg/Kg	0.7	0.3	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.04	0.0107	VQQ

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD122	Sediment	SW8082	PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.08	0.0128	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.04	0.00551	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.04	0.00651	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.04	0.00428	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.04	0.0129	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.04	0.0105	VQQ
01NE29SD123	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.026	0.026	
			Acenaphthene	ND	mg/Kg	0.026	0.018	
			Acenaphthylene	ND	mg/Kg	0.026	0.017	
			Anthracene	ND	mg/Kg	0.026	0.017	
			Benzo(a)anthracene	ND	mg/Kg	0.026	0.014	
			Benzo(a)pyrene	ND	mg/Kg	0.026	0.013	
			Benzo(b)fluoranthene	ND	mg/Kg	0.026	0.017	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.026	0.014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.026	0.013	
			Chrysene	ND	mg/Kg	0.026	0.012	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.026	0.013	
			Dibenzofuran	ND	mg/Kg	0.026	0.026	
			Fluoranthene	ND	mg/Kg	0.026	0.013	
			Fluorene	ND	mg/Kg	0.026	0.02	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.026	0.018	
			Naphthalene	ND	mg/Kg	0.026	0.025	
			Phenanthrene	ND	mg/Kg	0.026	0.017	
			Pyrene	ND	mg/Kg	0.026	0.015	
		AK102	DRO	44	mg/Kg	5.5	0.98	VLB
		AK103	Motor Oils	180	mg/Kg	11	11	VLB
		DU	Total Organic Carbon (TOC)	8.9	PERCENT	0.005	0.005	
		E160.3	Total Solids	25.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	27	mg/Kg	1	0.3	
			Lead	23	mg/Kg	4	1	
			Zinc	69	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.073	0.0195	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.15	0.0233	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.073	0.0101	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.073	0.0119	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.073	0.0078	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.073	0.0235	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.073	0.0191	VQQ
01NE29SD124	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0087	0.0087	
			Acenaphthene	ND	mg/Kg	0.0087	0.0059	
			Acenaphthylene	0.01	mg/Kg	0.0087	0.0057	
			Anthracene	ND	mg/Kg	0.0087	0.0057	
			Benzo(a)anthracene	ND	mg/Kg	0.0087	0.0048	
			Benzo(a)pyrene	ND	mg/Kg	0.0087	0.0042	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0087	0.0056	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0087	0.0048	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0087	0.0043	
			Chrysene	ND	mg/Kg	0.0087	0.004	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0087	0.0042	
			Dibenzofuran	ND	mg/Kg	0.0087	0.0087	
			Fluoranthene	ND	mg/Kg	0.0087	0.0044	
			Fluorene	0.013	mg/Kg	0.0087	0.0065	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0087	0.006	
			Naphthalene	ND	mg/Kg	0.0087	0.0082	
			Phenanthrene	0.01	mg/Kg	0.0087	0.0056	
			Pyrene	ND	mg/Kg	0.0087	0.0049	
		AK102	DRO	1400	mg/Kg	25	3.3	
		AK103	RRO	580	mg/Kg	50	50	VJ
		DU	Total Organic Carbon (TOC)	5.2	PERCENT	0.005	0.005	
		E160.3	Total Solids	50.9	PERCENT	0.01	0.01	
		SW6010B	Chromium	7.3	mg/Kg	0.7	0.2	
			Lead	9	mg/Kg	3	0.9	
			Zinc	34.6	mg/Kg	0.8	0.4	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD124	Sediment	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.048	0.0129	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.097	0.0154	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.048	0.00666	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.048	0.00786	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.048	0.00516	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.048	0.0156	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.048	0.0126	VQQ
01NE29SD125	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0085	0.0085	VQQ
			Acenaphthene	ND	mg/Kg	0.0085	0.0057	VQQ
			Acenaphthylene	ND	mg/Kg	0.0085	0.0056	VQQ
			Anthracene	ND	mg/Kg	0.0085	0.0056	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.0085	0.0047	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.0085	0.0041	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.0085	0.0055	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0085	0.0047	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0085	0.0042	VQQ
			Chrysene	ND	mg/Kg	0.0085	0.0039	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0085	0.0041	VQQ
			Dibenzofuran	ND	mg/Kg	0.0085	0.0085	VQQ
			Fluoranthene	ND	mg/Kg	0.0085	0.0043	VQQ
			Fluorene	ND	mg/Kg	0.0085	0.0064	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0085	0.0058	VQQ
			Naphthalene	ND	mg/Kg	0.0085	0.008	VQQ
			Phenanthrene	ND	mg/Kg	0.0085	0.0055	VQQ
			Pyrene	ND	mg/Kg	0.0085	0.0048	VQQ
		AK102	DRO	150	mg/Kg	20	2.6	
		AK103	RRO	790	mg/Kg	40	40	VJ
		DU	Total Organic Carbon (TOC)	3.9	PERCENT	0.005	0.005	
		E160.3	Total Solids	65.1	PERCENT	0.01	0.01	
		SW6010B	Chromium	12.8	mg/Kg	0.7	0.2	
			Lead	9	mg/Kg	3	0.9	
			Zinc	32.1	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.048	0.0128	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.096	0.0154	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.048	0.00663	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.048	0.00783	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.048	0.00514	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.048	0.0155	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.048	0.0126	VQQ
01NE29SD126	Sediment	SW8260 SIM	Benzene	ND	mg/Kg	0.0044	0.0044	
			Ethylbenzene	ND	mg/Kg	0.0044	0.0021	
			m,p-Xylene (sum)	ND	mg/Kg	0.0088	0.0088	
			o-Xylene	ND	mg/Kg	0.0044	0.0037	
			Toluene	0.0074	mg/Kg	0.0044	0.0042	VB
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0083	0.0083	VQQ
			Acenaphthene	ND	mg/Kg	0.0083	0.0056	VQQ
			Acenaphthylene	ND	mg/Kg	0.0083	0.0055	VQQ
			Anthracene	ND	mg/Kg	0.0083	0.0055	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.0083	0.0046	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.0083	0.004	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.0083	0.0053	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0083	0.0046	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0083	0.0041	VQQ
			Chrysene	ND	mg/Kg	0.0083	0.0039	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0083	0.004	VQQ
			Dibenzofuran	ND	mg/Kg	0.0083	0.0083	VQQ
			Fluoranthene	ND	mg/Kg	0.0083	0.0042	VQQ
			Fluorene	ND	mg/Kg	0.0083	0.0062	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0083	0.0057	VQQ
			Naphthalene	ND	mg/Kg	0.0083	0.0078	VQQ
			Phenanthrene	ND	mg/Kg	0.0083	0.0053	VQQ
			Pyrene	ND	mg/Kg	0.0083	0.0047	VQQ
		AK101	GRO	ND	mg/Kg	8.56	2.96	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD126	Sediment	AK102	DRO	240	mg/Kg	25	3.2	
		AK103	RRO	1000	mg/Kg	50	50	VJ
		E200.8	Arsenic	3.3	mg/Kg	0.4	0.08	
		SW6010B	Aluminum	15900	mg/Kg	4	2	
			Antimony	ND	mg/Kg	10	3	
			Barium	115	mg/Kg	0.6	0.08	
			Beryllium	1.3	mg/Kg	0.2	0.06	
			Cadmium	ND	mg/Kg	0.4	0.2	
			Calcium	3270	mg/Kg	10	0.06	
			Chromium	22.9	mg/Kg	1	0.3	
			Cobalt	4.8	mg/Kg	0.6	0.1	
			Copper	10.9	mg/Kg	0.4	0.4	
			Iron	14900	mg/Kg	4	1	
			Lead	14	mg/Kg	4	1	
			Magnesium	3770	mg/Kg	4	2	
			Manganese	114	mg/Kg	0.2	0.06	
			Nickel	14	mg/Kg	2	0.7	
			Potassium	1140	mg/Kg	100	70	
			Selenium	ND	mg/Kg	10	2	
			Silver	ND	mg/Kg	0.6	0.1	
			Sodium	416	mg/Kg	10	3	
			Thallium	ND	mg/Kg	10	1	
			Vanadium	34.2	mg/Kg	0.6	0.3	
			Zinc	44	mg/Kg	1	0.6	
		SW7471A	Mercury	ND	mg/Kg	0.09	0.03	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.047	0.0125	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.094	0.015	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.047	0.00649	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.047	0.00766	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.047	0.00503	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.047	0.0152	VQQ
01NE29SD127	Sediment	SW8260 SIM	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.047	0.0123	VQQ
			Benzene	ND	mg/Kg	0.0029	0.0029	
			Ethylbenzene	ND	mg/Kg	0.0029	0.0014	
			m,p-Xylene (sum)	ND	mg/Kg	0.0057	0.0057	
			o-Xylene	ND	mg/Kg	0.0029	0.0024	
		SW8270 SIM	Toluene	0.0097	mg/Kg	0.0029	0.0027	VB
			2-Methylnaphthalene	ND	mg/Kg	0.0089	0.0089	
			Acenaphthene	ND	mg/Kg	0.0089	0.006	
			Acenaphthylene	ND	mg/Kg	0.0089	0.0059	
			Anthracene	ND	mg/Kg	0.0089	0.0059	
			Benzo(a)anthracene	ND	mg/Kg	0.0089	0.005	
			Benzo(a)pyrene	ND	mg/Kg	0.0089	0.0043	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0089	0.0058	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0089	0.005	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0089	0.0044	
			Chrysene	ND	mg/Kg	0.0089	0.0042	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0089	0.0043	
			Dibenzofuran	ND	mg/Kg	0.0089	0.0089	
			Fluoranthene	ND	mg/Kg	0.0089	0.0046	
			Fluorene	ND	mg/Kg	0.0089	0.0067	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0089	0.0062	
			Naphthalene	ND	mg/Kg	0.0089	0.0084	
			Phenanthrene	ND	mg/Kg	0.0089	0.0058	
			Pyrene	ND	mg/Kg	0.0089	0.0051	
		AK101	GRO	ND	mg/Kg	5.18	1.79	
		AK102	DRO	59	mg/Kg	5	0.68	
		AK103	RRO	440	mg/Kg	10	10	VJ
		E200.8	Arsenic	5.7	mg/Kg	0.3	0.05	
		SW6010B	Aluminum	12100	mg/Kg	3	2	
			Antimony	ND	mg/Kg	7	2	
			Barium	88.6	mg/Kg	0.4	0.06	
			Beryllium	0.7	mg/Kg	0.1	0.04	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD127	Sediment	SW6010B	Cadmium	ND	mg/Kg	0.3	0.1	
			Calcium	2260	mg/Kg	7	0.04	
			Chromium	17.8	mg/Kg	0.7	0.2	
			Cobalt	7	mg/Kg	0.4	0.09	
			Copper	11	mg/Kg	0.3	0.3	
			Iron	9520	mg/Kg	3	0.9	
			Lead	9	mg/Kg	3	1	
			Magnesium	2650	mg/Kg	3	1	
			Manganese	80.1	mg/Kg	0.1	0.04	
			Nickel	13	mg/Kg	1	0.5	
			Potassium	930	mg/Kg	70	60	
			Selenium	ND	mg/Kg	7	1	
			Silver	ND	mg/Kg	0.4	0.1	
			Sodium	530	mg/Kg	7	2	
			Thallium	ND	mg/Kg	7	0.9	
			Vanadium	30	mg/Kg	0.4	0.2	
			Zinc	31.4	mg/Kg	0.9	0.4	
		SW7471A	Mercury	ND	mg/Kg	0.06	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.05	0.0135	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0161	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.05	0.00696	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.05	0.00822	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.05	0.0054	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.05	0.0163	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.05	0.0132	VQQ
01NE29SD128	Sediment	SW8260 SIM	Benzene	ND	mg/Kg	0.0033	0.0033	
			Ethylbenzene	ND	mg/Kg	0.0033	0.0016	
			m,p-Xylene (sum)	ND	mg/Kg	0.0065	0.0065	
			o-Xylene	ND	mg/Kg	0.0033	0.0028	
			Toluene	0.0064	mg/Kg	0.0033	0.0031	VB
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0087	0.0087	VQQ
			Acenaphthene	ND	mg/Kg	0.0087	0.0059	VQQ
			Acenaphthylene	ND	mg/Kg	0.0087	0.0058	VQQ
			Anthracene	ND	mg/Kg	0.0087	0.0058	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.0087	0.0048	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.0087	0.0042	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.0087	0.0056	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0087	0.0048	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0087	0.0043	VQQ
			Chrysene	ND	mg/Kg	0.0087	0.0041	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0087	0.0042	VQQ
			Dibenzofuran	ND	mg/Kg	0.0087	0.0087	VQQ
			Fluoranthene	ND	mg/Kg	0.0087	0.0044	VQQ
			Fluorene	ND	mg/Kg	0.0087	0.0065	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0087	0.006	VQQ
			Naphthalene	ND	mg/Kg	0.0087	0.0082	VQQ
			Phenanthrene	ND	mg/Kg	0.0087	0.0056	VQQ
			Pyrene	ND	mg/Kg	0.0087	0.005	VQQ
		AK101	GRO	ND	mg/Kg	5.09	1.76	
		AK102	DRO	180	mg/Kg	25	3.3	
		AK103	RRO	1000	mg/Kg	50	50	VJ
		E200.8	Arsenic	4.8	mg/Kg	0.5	0.09	
		SW6010B	Aluminum	13100	mg/Kg	3	2	
			Antimony	ND	mg/Kg	7	2	
			Barium	104	mg/Kg	0.4	0.05	
			Beryllium	0.3	mg/Kg	0.1	0.04	
			Cadmium	ND	mg/Kg	0.3	0.1	
			Calcium	1890	mg/Kg	7	0.04	
			Chromium	20.8	mg/Kg	0.7	0.2	
			Cobalt	3.9	mg/Kg	0.4	0.08	
			Copper	10.8	mg/Kg	0.3	0.3	
			Iron	12900	mg/Kg	3	0.8	
			Lead	8	mg/Kg	3	0.9	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD128	Sediment	SW6010B	Magnesium	3290	mg/Kg	3	1	
			Manganese	90.1	mg/Kg	0.1	0.04	
			Nickel	13	mg/Kg	1	0.5	
			Potassium	1020	mg/Kg	70	50	
			Selenium	ND	mg/Kg	7	1	
			Silver	ND	mg/Kg	0.4	0.09	
			Sodium	713	mg/Kg	7	2	
			Thallium	ND	mg/Kg	7	0.8	
			Vanadium	35	mg/Kg	0.4	0.2	
			Zinc	33.1	mg/Kg	0.8	0.4	
		SW7471A	Mercury	0.05	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.049	0.013	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.098	0.0156	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.049	0.00673	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.049	0.00795	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.049	0.00522	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.049	0.0158	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.049	0.0128	VQQ
01NE29SD129	Sediment	SW8260 SIM	Benzene	ND	mg/Kg	0.0012	0.0012	
			Ethylbenzene	ND	mg/Kg	0.0012	0.00061	
			m,p-Xylene (sum)	0.0032	mg/Kg	0.0025	0.0025	VB
			o-Xylene	ND	mg/Kg	0.0012	0.0011	
			Toluene	0.0047	mg/Kg	0.0012	0.0012	VB
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0068	0.0068	
			Acenaphthene	ND	mg/Kg	0.0068	0.0046	
			Acenaphthylene	ND	mg/Kg	0.0068	0.0045	
			Anthracene	ND	mg/Kg	0.0068	0.0045	
			Benzo(a)anthracene	ND	mg/Kg	0.0068	0.0038	
			Benzo(a)pyrene	ND	mg/Kg	0.0068	0.0032	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0068	0.0044	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0068	0.0038	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0068	0.0033	
			Chrysene	ND	mg/Kg	0.0068	0.0031	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0068	0.0032	
			Dibenzofuran	ND	mg/Kg	0.0068	0.0068	
			Fluoranthene	ND	mg/Kg	0.0068	0.0034	
			Fluorene	ND	mg/Kg	0.0068	0.0051	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0068	0.0047	
			Naphthalene	ND	mg/Kg	0.0068	0.0064	
			Phenanthrene	ND	mg/Kg	0.0068	0.0044	
			Pyrene	ND	mg/Kg	0.0068	0.0039	
		AK101	GRO	ND	mg/Kg	5	0.739	
		AK102	DRO	15	mg/Kg	5	0.52	
		AK103	RRO	73	mg/Kg	10	10	VJ
		E200.8	Arsenic	2.8	mg/Kg	0.2	0.05	
		SW6010B	Aluminum	4820	mg/Kg	2	1	
			Antimony	ND	mg/Kg	5	2	
			Barium	39.8	mg/Kg	0.3	0.04	
			Beryllium	0.2	mg/Kg	0.1	0.03	
			Cadmium	ND	mg/Kg	0.2	0.09	
			Calcium	1580	mg/Kg	5	0.03	
			Chromium	6.1	mg/Kg	0.5	0.1	
			Cobalt	2	mg/Kg	0.3	0.07	
			Copper	1.8	mg/Kg	0.2	0.2	
			Iron	8720	mg/Kg	2	0.7	
			Lead	4	mg/Kg	2	0.7	
			Magnesium	2030	mg/Kg	2	0.9	
			Manganese	96.1	mg/Kg	0.1	0.03	
			Nickel	5	mg/Kg	1	0.4	
			Potassium	1360	mg/Kg	50	40	
			Selenium	ND	mg/Kg	5	1	
			Silver	ND	mg/Kg	0.3	0.08	
			Sodium	577	mg/Kg	5	2	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD129	Sediment	SW6010B	Thallium	ND	mg/Kg	5	0.7	
			Vanadium	16.7	mg/Kg	0.3	0.2	
			Zinc	17.9	mg/Kg	0.7	0.3	
		SW7471A	Mercury	ND	mg/Kg	0.04	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.038	0.0102	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.077	0.0123	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.038	0.0053	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.038	0.00626	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.038	0.00411	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.038	0.0124	VQQ
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.038	0.0101	VQQ
01NE29SD214	Sediment	SW8270 SIM	2-Methylnaphthalene	0.13	mg/Kg	0.0038	0.0038	
			Acenaphthene	0.014	mg/Kg	0.0038	0.0026	VP,VJ
			Acenaphthylene	ND	mg/Kg	0.0038	0.0025	
			Anthracene	ND	mg/Kg	0.0038	0.0025	
			Benzo(a)anthracene	ND	mg/Kg	0.0038	0.0021	
			Benzo(a)pyrene	ND	mg/Kg	0.0038	0.0018	
			Benzo(b)fluoranthene	0.0042	mg/Kg	0.0038	0.0025	VP,VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0038	0.0021	
			Benzo(k)fluoranthene	0.0042	mg/Kg	0.0038	0.0019	VP,VJ
			Chrysene	0.0053	mg/Kg	0.0038	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0038	0.0018	
			Dibenzofuran	0.013	mg/Kg	0.0038	0.0038	
			Fluoranthene	0.036	mg/Kg	0.0038	0.0019	
			Fluorene	0.026	mg/Kg	0.0038	0.0029	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0038	0.0026	
			Naphthalene	0.026	mg/Kg	0.0038	0.0036	
			Phenanthrene	0.063	mg/Kg	0.0038	0.0025	
			Pyrene	0.017	mg/Kg	0.0038	0.0022	
		AK102	DRO	380	mg/Kg	25	4.4	
		AK103	RRO	810	mg/Kg	50	50	VJ
		SW6010B	Chromium	16	mg/Kg	1	0.3	
			Lead	14	mg/Kg	4	1	
			Zinc	44	mg/Kg	1	0.6	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.065	0.0174	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.13	0.0208	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.065	0.00899	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.065	0.0106	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.065	0.00697	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.065	0.021	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.065	0.0171	
01NE29SD225	Sediment	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0091	0.0091	
			Acenaphthene	ND	mg/Kg	0.0091	0.0062	
			Acenaphthylene	ND	mg/Kg	0.0091	0.006	
			Anthracene	ND	mg/Kg	0.0091	0.006	
			Benzo(a)anthracene	ND	mg/Kg	0.0091	0.0051	
			Benzo(a)pyrene	ND	mg/Kg	0.0091	0.0044	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0091	0.0059	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0091	0.0051	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0091	0.0045	
			Chrysene	ND	mg/Kg	0.0091	0.0043	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0091	0.0044	
			Dibenzofuran	ND	mg/Kg	0.0091	0.0091	
			Fluoranthene	ND	mg/Kg	0.0091	0.0047	
			Fluorene	ND	mg/Kg	0.0091	0.0069	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0091	0.0063	
			Naphthalene	ND	mg/Kg	0.0091	0.0086	
			Phenanthrene	ND	mg/Kg	0.0091	0.0059	
			Pyrene	ND	mg/Kg	0.0091	0.0052	
		AK102	DRO	150	mg/Kg	20	2.8	
		AK103	RRO	680	mg/Kg	40	40	VJ
		SW6010B	Chromium	12.5	mg/Kg	0.6	0.2	
			Lead	7	mg/Kg	3	0.8	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SD225	Sediment	SW6010B	Zinc	27.5	mg/Kg	0.8	0.4	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.052	0.0138	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.1	0.0165	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.052	0.00712	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.052	0.00841	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.052	0.00552	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.052	0.0167	VQQ
01NE29SW114	Surface Water	SW8270 SIM	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.052	0.0135	VQQ
			2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.04	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	7.62	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.31	mg/L	0.02	0.0063	
			Magnesium	1.98	mg/L	0.02	0.0084	
			Manganese	0.017	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	0.68	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	14.2	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
		SW8260	PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
			1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW114	Surface Water	SW8260	1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW114	Surface Water	SW8260	Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE29SW115	Surface Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.04	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	7.44	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.36	mg/L	0.02	0.0063	
			Magnesium	2.03	mg/L	0.02	0.0084	
			Manganese	0.027	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	14.5	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW115	Surface Water	SW8260	1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW116	Surface Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.04	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	6.9	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.32	mg/L	0.02	0.0063	
			Magnesium	2.4	mg/L	0.02	0.0084	
			Manganese	0.021	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	0.74	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	25.3	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroeth	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW116	Surface Water	SW8260	1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE29SW117	Surface Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW117	Surface Water	SW8270 SIM	Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.04	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	7.17	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.4	mg/L	0.02	0.0063	
			Magnesium	2.55	mg/L	0.02	0.0084	
			Manganese	0.021	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	0.89	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	27.9	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
			PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW117	Surface Water	SW8260	1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE29SW217	Surface Water	SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW217	Surface Water	SW8270 SIM	Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	0.04	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.005	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	7.25	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.35	mg/L	0.02	0.0063	
			Magnesium	2.6	mg/L	0.02	0.0084	
			Manganese	0.021	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	1.12	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	29.1	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	0.013	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/L	0.001	0.00027	
			PCB-1221 (Aroclor 1221)	ND	mg/L	0.002	0.00025	
			PCB-1232 (Aroclor 1232)	ND	mg/L	0.001	0.00026	
			PCB-1242 (Aroclor 1242)	ND	mg/L	0.001	0.00021	
			PCB-1248 (Aroclor 1248)	ND	mg/L	0.001	0.00025	
			PCB-1254 (Aroclor 1254)	ND	mg/L	0.001	0.0003	
		SW8260	PCB-1260 (Aroclor 1260)	ND	mg/L	0.001	0.00032	
			1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	

**Summary of Analytical Results Site 29
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE29SW217	Surface Water	SW8260	1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the associated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitation is an estimation.
VQQ - The practical quantitation limit is approximate due to QC or matrix effects.

GRO - gasoline range organics
PCB - polychlorinated biphenyls

**Summary of Analytical Results Site 30
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30FT101 Eggs	Fish Tissue Dolly Varden	E160.1	Total Lipids	8.38	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.019	0.008	
			Arsenic	0.23	mg/Kg	0.19	0.08	
			Barium	0.119	mg/Kg	0.008	0.008	
			Cadmium	0.041	mg/Kg	0.019	0.008	
			Lead	0.027	mg/Kg	0.008	0.004	
			Nickel	0.03	mg/Kg	0.08	0.01	VJ
			Silver	0.026	mg/Kg	0.008	0.008	
			Vanadium	0.122	mg/Kg	0.076	0.008	
			Zinc	30.9	mg/Kg	0.19	0.03	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.2	
			Copper	3.25	mg/Kg	0.38	0.08	
		SW7471A	Mercury	0.006	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.47	mg/Kg	0.08	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0091	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT101 Fillet	Fish Tissue Dolly Varden	E160.1	Total Lipids	5.5	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.013	0.005	
			Arsenic	0.72	mg/Kg	0.13	0.05	
			Barium	0.061	mg/Kg	0.005	0.005	
			Cadmium	0.007	mg/Kg	0.013	0.005	VJ
			Lead	0.004	mg/Kg	0.005	0.003	VJ
			Nickel	0.04	mg/Kg	0.05	0.01	VJ
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.063	mg/Kg	0.05	0.005	
			Zinc	6.69	mg/Kg	0.13	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.59	mg/Kg	0.25	0.05	
		SW7471A	Mercury	0.032	mg/Kg	0.003	0.002	
		SW7741	Selenium	0.13	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.01	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	

**Summary of Analytical Results Site 30
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30FT101 Fillet	Fish Tissue Dolly Varden	SW8270 SIM	Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT101 Head	Fish Tissue Dolly Varden	E160.1	Total Lipids	14	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.018	0.007	
			Arsenic	0.62	mg/Kg	0.18	0.07	
			Barium	1.62	mg/Kg	0.007	0.007	
			Cadmium	0.01	mg/Kg	0.018	0.007	VJ
			Lead	0.02	mg/Kg	0.007	0.004	
			Nickel	0.55	mg/Kg	0.07	0.01	
			Silver	ND	mg/Kg	0.007	0.007	
			Vanadium	0.101	mg/Kg	0.071	0.007	
			Zinc	19.7	mg/Kg	0.18	0.03	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.1	
			Copper	0.9	mg/Kg	0.36	0.07	
		SW7471A	Mercury	0.017	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.14	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.01	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.0059	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT102 Fillet	Fish Tissue Dolly Varden	E160.1	Total Lipids	4.31	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.013	0.005	
			Arsenic	0.94	mg/Kg	0.13	0.05	
			Barium	0.032	mg/Kg	0.005	0.005	
			Cadmium	0.008	mg/Kg	0.013	0.005	VJ
			Lead	0.004	mg/Kg	0.005	0.003	VJ
			Nickel	0.03	mg/Kg	0.05	0.01	VJ
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.068	mg/Kg	0.052	0.005	
			Zinc	6.41	mg/Kg	0.13	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.63	mg/Kg	0.26	0.05	
		SW7471A	Mercury	0.02	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.16	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	

**Summary of Analytical Results Site 30
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30FT102 Fillet	Fish Tissue Dolly Varden	SW8082	PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.011	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
1NE30FT102 Remain	Fish Tissue Dolly Varden	E160.1	Total Lipids	7.05	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.014	0.005	
			Arsenic	0.66	mg/Kg	0.14	0.05	
			Barium	0.216	mg/Kg	0.005	0.005	
			Cadmium	0.041	mg/Kg	0.014	0.005	
			Lead	0.008	mg/Kg	0.005	0.003	
			Nickel	0.28	mg/Kg	0.05	0.01	
			Silver	0.008	mg/Kg	0.005	0.005	
			Vanadium	0.09	mg/Kg	0.055	0.005	
			Zinc	25.7	mg/Kg	0.14	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	1.01	mg/Kg	0.27	0.05	
		SW7471A	Mercury	0.016	mg/Kg	0.003	0.002	
		SW7741	Selenium	0.2	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0068	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	0.0018	mg/Kg	0.002	0.0007	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT103 Fillet	Fish Tissue Dolly Varden	E160.1	Total Lipids	6.53	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.014	0.005	
			Arsenic	0.75	mg/Kg	0.14	0.05	
			Barium	0.024	mg/Kg	0.005	0.005	
			Cadmium	ND	mg/Kg	0.014	0.005	
			Lead	0.004	mg/Kg	0.005	0.003	VJ
			Nickel	ND	mg/Kg	0.05	0.01	

**Summary of Analytical Results Site 30
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30FT103 Fillet	Fish Tissue Dolly Varden	E200.8	Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.046	mg/Kg	0.054	0.005	VJ
			Zinc	5.85	mg/Kg	0.14	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.76	mg/Kg	0.27	0.05	
		SW7471A	Mercury	0.014	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.15	mg/Kg	0.05	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.011	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT104 Head	Fish Tissue Pink Salmon	E160.1	Total Lipids	3.4	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.012	0.005	
			Arsenic	0.62	mg/Kg	0.12	0.05	
			Barium	0.226	mg/Kg	0.005	0.005	
			Cadmium	0.015	mg/Kg	0.012	0.005	
			Lead	0.008	mg/Kg	0.005	0.002	
			Nickel	0.77	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.13	mg/Kg	0.048	0.005	
			Zinc	21.5	mg/Kg	0.12	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.95	mg/Kg	0.24	0.05	
		SW7471A	Mercury	0.012	mg/Kg	0.003	0.002	
		SW7741	Selenium	0.18	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.028	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	

**Summary of Analytical Results Site 30
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30FT104 Head	Fish Tissue Pink Salmon	SW8270 SIM	Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
1NE30FT104 Remain	Fish Tissue Pink Salmon	E160.1	Total Lipids	1.29	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.012	0.005	
			Arsenic	0.73	mg/Kg	0.12	0.05	
			Barium	0.042	mg/Kg	0.005	0.005	
			Cadmium	0.037	mg/Kg	0.012	0.005	
			Lead	0.008	mg/Kg	0.005	0.002	
			Nickel	0.64	mg/Kg	0.05	0.01	
			Silver	0.011	mg/Kg	0.005	0.005	
			Vanadium	0.11	mg/Kg	0.049	0.005	
			Zinc	23.9	mg/Kg	0.12	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	1.46	mg/Kg	0.25	0.05	
		SW7471A	Mercury	0.021	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.18	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0055	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT105 Egg	Fish Tissue Pink Salmon	E160.1	Total Lipids	11.6	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.019	0.007	
			Arsenic	0.41	mg/Kg	0.19	0.07	
			Barium	0.062	mg/Kg	0.007	0.007	
			Cadmium	0.024	mg/Kg	0.019	0.007	
			Lead	0.027	mg/Kg	0.007	0.004	
			Nickel	0.43	mg/Kg	0.07	0.01	
			Silver	0.02	mg/Kg	0.007	0.007	
			Vanadium	0.114	mg/Kg	0.075	0.007	
			Zinc	27.2	mg/Kg	0.19	0.03	
		SW6010B	Chromium	ND	mg/Kg	0.2	0.2	
			Copper	5.46	mg/Kg	0.37	0.07	
		SW7471A	Mercury	0.006	mg/Kg	0.003	0.002	
		SW7741	Selenium	0.6	mg/Kg	0.07	0.02	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.017	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	

**Summary of Analytical Results Site 30
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30FT105 Egg	Fish Tissue Pink Salmon	SW8270 SIM	Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT105 Fillet	Fish Tissue Pink Salmon	E160.1	Total Lipids	0.47	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.01	0.004	
			Arsenic	0.33	mg/Kg	0.1	0.04	
			Barium	0.036	mg/Kg	0.004	0.004	
			Cadmium	0.007	mg/Kg	0.01	0.004	
			Lead	0.002	mg/Kg	0.004	0.002	
			Nickel	0.05	mg/Kg	0.04	0.01	
			Silver	ND	mg/Kg	0.004	0.004	
			Vanadium	0.08	mg/Kg	0.042	0.004	
			Zinc	10.5	mg/Kg	0.1	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	1.15	mg/Kg	0.21	0.04	
		SW7471A	Mercury	0.034	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.19	mg/Kg	0.04	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.01	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	0.0015	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
1NE30FT105 Remain	Fish Tissue Pink Salmon	E160.1	Total Lipids	0.87	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.01	0.004	
			Arsenic	0.3	mg/Kg	0.1	0.04	
			Barium	0.296	mg/Kg	0.004	0.004	
			Cadmium	0.056	mg/Kg	0.01	0.004	
			Lead	0.014	mg/Kg	0.004	0.002	
			Nickel	0.25	mg/Kg	0.04	0.01	
			Silver	0.03	mg/Kg	0.004	0.004	
			Vanadium	0.187	mg/Kg	0.042	0.004	
			Zinc	40	mg/Kg	0.1	0.02	
		SW6010B	Chromium	0.3	mg/Kg	0.1	0.1	
			Copper	2.51	mg/Kg	0.21	0.04	
		SW7471A	Mercury	0.024	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.24	mg/Kg	0.04	0.01	

**Summary of Analytical Results Site 30
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
1NE30FT105 Remain	Fish Tissue Pink Salmon	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.009	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30FT106 Fillet	Fish Tissue Pink Salmon	E160.1	Total Lipids	1.73	PERCENT	0.05	0.05	
		E200.8	Antimony	ND	mg/Kg	0.012	0.005	
			Arsenic	0.58	mg/Kg	0.12	0.05	
			Barium	0.041	mg/Kg	0.005	0.005	
			Cadmium	ND	mg/Kg	0.012	0.005	
			Lead	0.002	mg/Kg	0.005	0.002	
			Nickel	0.05	mg/Kg	0.05	0.01	
			Silver	ND	mg/Kg	0.005	0.005	
			Vanadium	0.055	mg/Kg	0.048	0.005	
			Zinc	13.7	mg/Kg	0.12	0.02	
		SW6010B	Chromium	ND	mg/Kg	0.1	0.1	
			Copper	0.82	mg/Kg	0.24	0.05	
		SW7471A	Mercury	0.009	mg/Kg	0.004	0.002	
		SW7741	Selenium	0.15	mg/Kg	0.05	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.002	0.0007	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.004	0.0007	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.002	0.0007	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.002	0.0007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.002	0.0007	
			PCB-1254 (Aroclor 1254)	0.0062	mg/Kg	0.002	0.0007	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.002	0.0007	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.005	0.0024	
			Acenaphthene	ND	mg/Kg	0.005	0.0012	
			Anthracene	ND	mg/Kg	0.005	0.0015	
			Benzo(a)anthracene	ND	mg/Kg	0.005	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.005	0.002	
			Benzo(b)fluoranthene	ND	mg/Kg	0.005	0.0012	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.005	0.0014	
			Benzo(k)fluoranthene	ND	mg/Kg	0.005	0.0018	
			Chrysene	ND	mg/Kg	0.005	0.0018	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.005	0.0016	
			Fluoranthene	ND	mg/Kg	0.005	0.0014	
			Fluorene	ND	mg/Kg	0.005	0.0011	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.005	0.00053	
			Naphthalene	ND	mg/Kg	0.005	0.0018	
			Phenanthrene	ND	mg/Kg	0.005	0.0014	
			Pyrene	ND	mg/Kg	0.005	0.0015	
01NE30SD101	Sediment	AK102	DRO	84	mg/Kg	9.2	1.7	
		AK103	RRO	270	mg/Kg	18	18	VJ
		E200.8	Arsenic	19.8	mg/Kg	0.7	0.1	
		SW6010B	Aluminum	21700	mg/Kg	8	5	

**Summary of Analytical Results Site 30
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30SD101	Sediment	SW6010B	Antimony	50	mg/Kg	20	6	
			Barium	209	mg/Kg	1	0.2	
			Beryllium	3.3	mg/Kg	0.4	0.1	
			Cadmium	4	mg/Kg	0.8	0.3	
			Calcium	5440	mg/Kg	20	0.1	
			Chromium	30	mg/Kg	2	0.5	
			Cobalt	22	mg/Kg	1	0.2	
			Copper	29.8	mg/Kg	0.8	0.8	
			Iron	105000	mg/Kg	8	3	
			Lead	59	mg/Kg	8	3	
			Magnesium	4810	mg/Kg	8	3	
			Manganese	6480	mg/Kg	0.4	0.1	
			Nickel	30	mg/Kg	4	1	
			Potassium	1510	mg/Kg	200	200	
			Selenium	ND	mg/Kg	20	4	
			Silver	ND	mg/Kg	1	0.3	
			Sodium	410	mg/Kg	20	6	
			Thallium	ND	mg/Kg	20	2	
			Vanadium	48	mg/Kg	1	0.7	
			Zinc	368	mg/Kg	2	1	
		SW7471A	Mercury	ND	mg/Kg	0.1	0.04	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.022	0.022	
			Acenaphthene	ND	mg/Kg	0.022	0.015	
			Acenaphthylene	ND	mg/Kg	0.022	0.014	
			Anthracene	ND	mg/Kg	0.022	0.014	
			Benzo(a)anthracene	ND	mg/Kg	0.022	0.012	
			Benzo(a)pyrene	ND	mg/Kg	0.022	0.01	
			Benzo(b)fluoranthene	ND	mg/Kg	0.022	0.014	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.022	0.012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.022	0.011	
			Chrysene	ND	mg/Kg	0.022	0.01	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.022	0.01	
			Dibenzofuran	ND	mg/Kg	0.022	0.022	
			Fluoranthene	ND	mg/Kg	0.022	0.011	
01NE30SS101	Surface Soil	AK102	DRO	390	mg/Kg	58	10	
			RRO	2300	mg/Kg	120	120	VJ
		E200.8	Arsenic	5.3	mg/Kg	0.4	0.08	
		SW6010B	Aluminum	19700	mg/Kg	5	3	
			Antimony	ND	mg/Kg	10	3	
			Barium	173	mg/Kg	0.7	0.09	
			Beryllium	0.3	mg/Kg	0.2	0.07	
			Cadmium	ND	mg/Kg	0.5	0.2	
			Calcium	2000	mg/Kg	10	0.07	
			Chromium	31	mg/Kg	1	0.3	
			Cobalt	5.8	mg/Kg	0.7	0.1	
			Copper	14.2	mg/Kg	0.5	0.5	
			Iron	17500	mg/Kg	5	1	
			Lead	15	mg/Kg	5	1	
			Magnesium	4150	mg/Kg	5	2	
			Manganese	86.8	mg/Kg	0.2	0.07	
			Nickel	18	mg/Kg	2	0.8	
			Potassium	1250	mg/Kg	110	90	
			Selenium	ND	mg/Kg	10	2	
			Silver	ND	mg/Kg	0.7	0.2	
			Sodium	240	mg/Kg	10	3	
			Thallium	ND	mg/Kg	10	1	
			Vanadium	44.5	mg/Kg	0.7	0.4	
			Zinc	45	mg/Kg	1	0.7	
		SW7471A	Mercury	0.1	mg/Kg	0.1	0.03	

**Summary of Analytical Results Site 30
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30SS101	Surface Soil	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.027	0.027	
			Acenaphthene	ND	mg/Kg	0.027	0.018	
			Acenaphthylene	ND	mg/Kg	0.027	0.018	
			Anthracene	ND	mg/Kg	0.027	0.018	
			Benzo(a)anthracene	ND	mg/Kg	0.027	0.015	
			Benzo(a)pyrene	ND	mg/Kg	0.027	0.013	
			Benzo(b)fluoranthene	ND	mg/Kg	0.027	0.018	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.027	0.015	
			Benzo(k)fluoranthene	ND	mg/Kg	0.027	0.014	
			Chrysene	ND	mg/Kg	0.027	0.013	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.027	0.013	
			Dibenzofuran	ND	mg/Kg	0.027	0.027	
			Fluoranthene	ND	mg/Kg	0.027	0.014	
			Fluorene	ND	mg/Kg	0.027	0.02	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.027	0.019	
			Naphthalene	ND	mg/Kg	0.027	0.026	
			Phenanthrene	ND	mg/Kg	0.027	0.018	
			Pyrene	ND	mg/Kg	0.027	0.016	
01NE30SS102	Surface Soil	AK102	DRO	11	mg/Kg	5	0.51	
		AK103	RRO	21	mg/Kg	10	10	VJ
		E200.8	Arsenic	4.4	mg/Kg	0.2	0.04	
		SW6010B	Aluminum	13200	mg/Kg	2	1	
			Antimony	15	mg/Kg	6	2	
			Barium	85.3	mg/Kg	0.3	0.04	
			Beryllium	1	mg/Kg	0.1	0.03	
			Cadmium	0.5	mg/Kg	0.2	0.09	
			Calcium	4040	mg/Kg	6	0.03	
			Chromium	52.1	mg/Kg	0.6	0.1	
			Cobalt	10.8	mg/Kg	0.3	0.07	
			Copper	41.3	mg/Kg	0.2	0.2	
			Iron	26400	mg/Kg	2	0.7	
			Lead	28	mg/Kg	2	0.7	
			Magnesium	7250	mg/Kg	2	0.9	
			Manganese	340	mg/Kg	0.1	0.03	
			Nickel	31	mg/Kg	1	0.4	
			Potassium	2340	mg/Kg	60	40	
			Selenium	ND	mg/Kg	6	1	
			Silver	ND	mg/Kg	0.3	0.08	
			Sodium	222	mg/Kg	6	2	
			Thallium	ND	mg/Kg	6	0.7	
			Vanadium	35.8	mg/Kg	0.3	0.2	
			Zinc	89	mg/Kg	0.7	0.3	
		SW7471A	Mercury	ND	mg/Kg	0.04	0.01	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0068	0.0068	
			Acenaphthene	ND	mg/Kg	0.0068	0.0046	
			Acenaphthylene	ND	mg/Kg	0.0068	0.0045	
			Anthracene	ND	mg/Kg	0.0068	0.0045	
			Benzo(a)anthracene	ND	mg/Kg	0.0068	0.0038	
			Benzo(a)pyrene	ND	mg/Kg	0.0068	0.0032	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0068	0.0044	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0068	0.0038	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0068	0.0033	
			Chrysene	ND	mg/Kg	0.0068	0.0031	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0068	0.0032	
			Dibenzofuran	ND	mg/Kg	0.0068	0.0068	
			Fluoranthene	ND	mg/Kg	0.0068	0.0034	
Fluorene	ND		mg/Kg	0.0068	0.0051			
Indeno(1,2,3-cd)pyrene	ND		mg/Kg	0.0068	0.0047			
Naphthalene	ND		mg/Kg	0.0068	0.0064			
Phenanthrene	ND	mg/Kg	0.0068	0.0044				
Pyrene	ND	mg/Kg	0.0068	0.0039				
01NE30SS103	Surface Soil	AK102	DRO	170	mg/Kg	23	4.1	
		AK103	RRO	1200	mg/Kg	45	45	VJ
		E200.8	Arsenic	ND	mg/Kg	2	0.3	

Summary of Analytical Results Site 30
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30SS103	Surface Soil	SW6010B	Aluminum	640	mg/Kg	10	8	
			Antimony	ND	mg/Kg	30	10	
			Barium	34	mg/Kg	2	0.3	
			Beryllium	ND	mg/Kg	0.7	0.2	
			Cadmium	ND	mg/Kg	1	0.6	
			Calcium	2530	mg/Kg	30	0.2	
			Chromium	ND	mg/Kg	3	0.9	
			Cobalt	ND	mg/Kg	2	0.4	
			Copper	2	mg/Kg	1	1	
			Iron	6730	mg/Kg	10	4	
			Lead	ND	mg/Kg	10	4	
			Magnesium	1630	mg/Kg	10	6	
			Manganese	8	mg/Kg	0.7	0.2	
			Nickel	ND	mg/Kg	7	2	
			Potassium	ND	mg/Kg	340	300	
			Selenium	ND	mg/Kg	30	7	
			Silver	ND	mg/Kg	2	0.5	
			Sodium	270	mg/Kg	30	10	
			Thallium	ND	mg/Kg	30	4	
			Vanadium	4	mg/Kg	2	1	
			Zinc	9	mg/Kg	4	2	
		SW7471A	Mercury	ND	mg/Kg	0.3	0.1	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.053	0.053	VQQ
			Acenaphthene	ND	mg/Kg	0.053	0.036	VQQ
			Acenaphthylene	ND	mg/Kg	0.053	0.035	VQQ
			Anthracene	ND	mg/Kg	0.053	0.035	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.053	0.03	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.053	0.026	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.053	0.034	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.053	0.03	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.053	0.026	VQQ
			Chrysene	ND	mg/Kg	0.053	0.025	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.053	0.026	VQQ
			Dibenzofuran	ND	mg/Kg	0.053	0.053	VQQ
			Fluoranthene	ND	mg/Kg	0.053	0.027	VQQ
			Fluorene	ND	mg/Kg	0.053	0.04	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.053	0.037	VQQ
01NE30SS201	Surface Soil	E200.8	Pyrene	ND	mg/Kg	0.053	0.03	VQQ
		SW6010B	Arsenic	3.6	mg/Kg	0.4	0.08	
			Aluminum	17800	mg/Kg	4	2	
			Antimony	ND	mg/Kg	9	3	
			Barium	160	mg/Kg	0.6	0.08	
			Beryllium	0.5	mg/Kg	0.2	0.06	
			Cadmium	ND	mg/Kg	0.4	0.2	
			Calcium	1810	mg/Kg	9	0.06	
			Chromium	28.5	mg/Kg	0.9	0.2	
			Cobalt	5.3	mg/Kg	0.6	0.1	
			Copper	13.7	mg/Kg	0.4	0.4	
			Iron	15200	mg/Kg	4	1	
			Lead	11	mg/Kg	4	1	
			Magnesium	3790	mg/Kg	4	2	
			Manganese	80.3	mg/Kg	0.2	0.06	
			Nickel	16	mg/Kg	2	0.6	
			Potassium	1040	mg/Kg	90	70	
			Selenium	ND	mg/Kg	9	2	
			Silver	ND	mg/Kg	0.6	0.1	
			Sodium	227	mg/Kg	9	3	
			Thallium	ND	mg/Kg	9	1	
			Vanadium	38.1	mg/Kg	0.6	0.3	
			Zinc	42	mg/Kg	1	0.6	
		SW7471A	Mercury	0.1	mg/Kg	0.1	0.03	
01NE30WP101	Ground Water	A2320B	Alkalinity, Total	ND	IGCACO3/	1	1	

**Summary of Analytical Results Site 30
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30WP101	Ground Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	2	mg/L	1.2	0.12	VB
		AK103	RRO	6.9	mg/L	2.5	2.5	VJ
		E375.2	Sulfate	24	mg/L	2.5	2.5	
		SW6010B	Aluminum	8.17	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.102	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	3.68	mg/L	0.05	0.0003	
			Chromium	0.03	mg/L	0.005	0.0013	
			Cobalt	0.005	mg/L	0.003	0.0006	
			Copper	0.017	mg/L	0.002	0.002	
			Iron	13.5	mg/L	0.02	0.0063	
			Magnesium	3.97	mg/L	0.02	0.0084	
			Manganese	0.056	mg/L	0.001	0.0003	
			Nickel	0.09	mg/L	0.01	0.0034	
			Potassium	1.73	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	13	mg/L	0.05	0.015	
			Vanadium	0.02	mg/L	0.003	0.0017	
			Zinc	0.146	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.007	mg/L	0.001	0.00054	
		SW7421	Lead	0.007	mg/L	0.001	0.00086	
		SW7470A	Mercury	0.0002	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	0.013	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	

**Summary of Analytical Results Site 30
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30WP101	Ground Water	SW8260	Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.0001	0.0001	
			Acenaphthene	ND	mg/L	0.0001	0.00009	
			Acenaphthylene	ND	mg/L	0.0001	0.00009	
			Anthracene	ND	mg/L	0.0001	0.00003	
			Benzo(a)anthracene	ND	mg/L	0.0001	0.00003	
			Benzo(a)pyrene	ND	mg/L	0.0001	0.00002	
			Benzo(b)fluoranthene	ND	mg/L	0.0001	0.00004	
			Benzo(g,h,i)perylene	ND	mg/L	0.0001	0.00008	
			Benzo(k)fluoranthene	ND	mg/L	0.0001	0.00004	
			Chrysene	ND	mg/L	0.0001	0.00003	
			Dibenzo(a,h)anthracene	ND	mg/L	0.0001	0.0001	
			Dibenzofuran	ND	mg/L	0.0001	0.0001	
			Fluoranthene	ND	mg/L	0.0001	0.0001	
			Fluorene	ND	mg/L	0.0001	0.00009	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.0001	0.00008	
			Naphthalene	ND	mg/L	0.0001	0.00009	
			Phenanthrene	ND	mg/L	0.0001	0.00007	
			Pyrene	ND	mg/L	0.0001	0.0001	
01NE30WP102	Ground Water	A2320B	Alkalinity, Total	7.7	1GCACO3/	1	1	
		AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		E375.2	Sulfate	11	mg/L	2.5	2.5	
		SW6010B	Aluminum	0.82	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.021	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	1.33	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	

**Summary of Analytical Results Site 30
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30WP102	Ground Water	SW6010B	Cobalt	ND	mg/L	0.003	0.0006	
			Copper	0.002	mg/L	0.002	0.002	
			Iron	7.9	mg/L	0.02	0.0063	
			Magnesium	1.42	mg/L	0.02	0.0084	
			Manganese	0.09	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	1.27	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	6.52	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	0.003	mg/L	0.001	0.00054	
		SW7421	Lead	0.002	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.00283	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.00113	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.00138	
			Acetone	ND	mg/L	0.005	0.00304	
			Acrolein	ND	mg/L	0.05	0.00414	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	

**Summary of Analytical Results Site 30
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE30WP102	Ground Water	SW8260	Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the associated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitation is an estimation.
VQQ - The practical quantitation limit is approximate due to QC or matrix effects.

**Summary of Analytical Results Site 31
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SS101	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	11	mg/Kg	5	0.48	
		AK103	RRO	33	mg/Kg	10	10	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0035	0.00016	
			4,4'-DDE	ND	mg/Kg	0.0026	0.00014	
			4,4'-DDT	ND	mg/Kg	0.21	0.00024	
			Aldrin	ND	mg/Kg	0.0018	0.000063	
			alpha-BHC	ND	mg/Kg	0.0018	0.000095	
			alpha-Chlordane	ND	mg/Kg	0.0018	0.000053	
			beta-BHC	ND	mg/Kg	0.0018	0.00011	
			delta-BHC	ND	mg/Kg	0.0018	0.000077	
			Dieldrin	ND	mg/Kg	0.043	0.00011	
			Endosulfan I	ND	mg/Kg	0.0018	0.000095	
			Endosulfan II	ND	mg/Kg	0.0035	0.00022	
			Endosulfan sulfate	ND	mg/Kg	0.034	0.0003	
			Endrin	ND	mg/Kg	0.0048	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.056	0.0002	
			Endrin ketone	ND	mg/Kg	0.0035	0.00036	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0018	0.000074	
			gamma-Chlordane	ND	mg/Kg	0.0018	0.000067	
			Heptachlor	ND	mg/Kg	0.0018	0.000077	
			Heptachlor epoxide	ND	mg/Kg	0.0018	0.000077	
			Methoxychlor	ND	mg/Kg	0.037	0.0011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.035	0.0094	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.07	0.012	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.035	0.0049	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.035	0.0057	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.035	0.0038	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.035	0.011	
			PCB-1260 (Aroclor 1260)	6.7	mg/Kg	0.35	0.092	
			Toxaphene	ND	mg/Kg	0.18	0.0079	
01NE31SS102	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	25	mg/Kg	5	0.5	
		AK103	RRO	95	mg/Kg	10	10	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0037	0.00017	
			4,4'-DDE	ND	mg/Kg	0.0037	0.00014	
			4,4'-DDT	ND	mg/Kg	0.097	0.00026	
			Aldrin	ND	mg/Kg	0.0019	0.000067	
			alpha-BHC	ND	mg/Kg	0.0019	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0019	0.000056	
			beta-BHC	ND	mg/Kg	0.0019	0.00011	
			delta-BHC	ND	mg/Kg	0.0019	0.000081	
			Dieldrin	ND	mg/Kg	0.027	0.00011	
			Endosulfan I	ND	mg/Kg	0.0019	0.0001	
			Endosulfan II	ND	mg/Kg	0.0037	0.00023	
			Endosulfan sulfate	ND	mg/Kg	0.17	0.00031	
			Endrin	ND	mg/Kg	0.0037	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.036	0.00021	
			Endrin ketone	ND	mg/Kg	0.0037	0.00038	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0019	0.000078	
			gamma-Chlordane	ND	mg/Kg	0.0019	0.00007	
			Heptachlor	ND	mg/Kg	0.0019	0.000081	
			Heptachlor epoxide	ND	mg/Kg	0.0019	0.000081	
			Methoxychlor	ND	mg/Kg	0.022	0.0011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.0099	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.074	0.013	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.0051	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.006	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.004	

**Summary of Analytical Results Site 31
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SS102	Surface Soil Depth 0 to 0.5 feet bgs	SW8081	PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.037	0.012	
			PCB-1260 (Aroclor 1260)	4.7	mg/Kg	0.37	0.097	
			Toxaphene	ND	mg/Kg	0.19	0.0083	
01NE31SS103	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	18	mg/Kg	5	0.48	
		AK103	RRO	62	mg/Kg	10	10	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0035	0.00016	
			4,4'-DDE	ND	mg/Kg	0.0035	0.00014	
			4,4'-DDT	ND	mg/Kg	0.13	0.00024	
			Aldrin	ND	mg/Kg	0.0018	0.000063	
			alpha-BHC	ND	mg/Kg	0.0018	0.000095	
			alpha-Chlordane	ND	mg/Kg	0.0018	0.000053	
			beta-BHC	ND	mg/Kg	0.0018	0.00011	
			delta-BHC	ND	mg/Kg	0.0018	0.000077	
			Dieldrin	ND	mg/Kg	0.028	0.00011	
			Endosulfan I	ND	mg/Kg	0.0018	0.000095	
			Endosulfan II	ND	mg/Kg	0.0035	0.00022	
			Endosulfan sulfate	ND	mg/Kg	0.16	0.0003	
			Endrin	ND	mg/Kg	0.0035	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.032	0.0002	
			Endrin ketone	ND	mg/Kg	0.0035	0.00036	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0018	0.000074	
			gamma-Chlordane	ND	mg/Kg	0.0018	0.000067	
			Heptachlor	ND	mg/Kg	0.0018	0.000077	
			Heptachlor epoxide	ND	mg/Kg	0.0018	0.000077	
			Methoxychlor	ND	mg/Kg	0.024	0.0011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.035	0.0094	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.07	0.012	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.035	0.0049	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.035	0.0057	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.035	0.0038	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.035	0.011	
			PCB-1260 (Aroclor 1260)	4.1	mg/Kg	0.35	0.092	
			Toxaphene	ND	mg/Kg	0.18	0.0079	
01NE31SS104	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	49	mg/Kg	5	0.48	
		AK103	RRO	140	mg/Kg	10	10	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0035	0.00016	
			4,4'-DDE	ND	mg/Kg	0.0035	0.00014	
			4,4'-DDT	ND	mg/Kg	0.078	0.00024	
			Aldrin	ND	mg/Kg	0.0018	0.000064	
			alpha-BHC	ND	mg/Kg	0.0018	0.000096	
			alpha-Chlordane	ND	mg/Kg	0.0018	0.000053	
			beta-BHC	ND	mg/Kg	0.0018	0.00011	
			delta-BHC	ND	mg/Kg	0.0018	0.000078	
			Dieldrin	ND	mg/Kg	0.028	0.00011	
			Endosulfan I	ND	mg/Kg	0.0018	0.000096	
			Endosulfan II	ND	mg/Kg	0.0035	0.00022	
			Endosulfan sulfate	ND	mg/Kg	0.17	0.0003	
			Endrin	ND	mg/Kg	0.0035	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.034	0.0002	
			Endrin ketone	ND	mg/Kg	0.0035	0.00036	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0018	0.000074	
			gamma-Chlordane	ND	mg/Kg	0.0018	0.000067	
			Heptachlor	ND	mg/Kg	0.0018	0.000078	
			Heptachlor epoxide	ND	mg/Kg	0.0018	0.000078	
			Methoxychlor	ND	mg/Kg	0.024	0.0011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.035	0.0095	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.071	0.012	

**Summary of Analytical Results Site 31
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SS104	Surface Soil Depth 0 to 0.5 feet bgs	SW8081	PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.035	0.0049	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.035	0.0057	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.035	0.0038	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.035	0.011	
			PCB-1260 (Aroclor 1260)	4.4	mg/Kg	0.35	0.093	
			Toxaphene	ND	mg/Kg	0.18	0.008	
01NE31SS105	Surface Soil	AK102	DRO	3400	mg/Kg	250	27	
Depth 0	to 0.5 feet bgs	AK103	RRO	ND	mg/Kg	500	500	VQQ
01NE31SS106	Subsurface Soil	AK102	DRO	620	mg/Kg	50	4.8	
Depth 1.5	to 2 feet bgs	AK103	RRO	ND	mg/Kg	100	100	VQQ
01NE31SS107	Surface Soil	AK102	DRO	690	mg/Kg	50	4.9	
Depth 0	to 0.5 feet bgs	AK103	RRO	ND	mg/Kg	100	100	VQQ
01NE31SS108	Subsurface Soil	AK102	DRO	550	mg/Kg	25	2.3	
Depth 1.5	to 2 feet bgs	AK103	RRO	ND	mg/Kg	50	50	VQQ
01NE31SS109	Surface Soil	AK102	DRO	470	mg/Kg	25	2.4	
Depth 0	to 0.5 feet bgs	AK103	RRO	ND	mg/Kg	50	50	VQQ
01NE31SS110	Subsurface Soil	AK102	DRO	310	mg/Kg	20	2	
Depth 1.5	to 2 feet bgs	AK103	RRO	ND	mg/Kg	40	40	VQQ
01NE31SS111	Surface Soil	AK102	DRO	78	mg/Kg	5	0.48	VLB
Depth 0	to 0.5 feet bgs	AK103	RRO	32	mg/Kg	10	10	VJ
01NE31SS112	Subsurface Soil	AK102	DRO	120	mg/Kg	5	0.47	VLB
Depth 1.5	to 2 feet bgs	AK103	RRO	12	mg/Kg	10	10	VJ
01NE31SS113	Surface Soil	AK102	DRO	640	mg/Kg	50	4.7	
Depth 0	to 0.5 feet bgs	AK103	RRO	ND	mg/Kg	100	100	VQQ
01NE31SS114	Subsurface Soil	AK102	DRO	1600	mg/Kg	100	9.6	
Depth 1.5	to 2 feet bgs	AK103	RRO	ND	mg/Kg	200	200	VQQ
01NE31SS115	Surface Soil	AK102	DRO	380	mg/Kg	20	1.9	
Depth 0	to 0.5 feet bgs	AK103	RRO	ND	mg/Kg	40	40	VQQ
01NE31SS116	Subsurface Soil	AK102	DRO	1200	mg/Kg	100	9.7	
Depth 1.5	to 2 feet bgs	AK103	RRO	ND	mg/Kg	200	200	VQQ
01NE31SS117	Surface Soil	AK102	DRO	2100	mg/Kg	100	10	
Depth 0	to 0.5 feet bgs	AK103	RRO	ND	mg/Kg	200	200	VQQ
01NE31SS118	Subsurface Soil	AK102	DRO	3000	mg/Kg	100	10	
Depth 1.5	to 2 feet bgs	AK103	RRO	ND	mg/Kg	200	200	VQQ
01NE31SS119	Surface Soil	AK102	DRO	1600	mg/Kg	250	23	
Depth 0	to 0.5 feet bgs	AK103	RRO	7800	mg/Kg	500	500	VJ
01NE31SS120	Subsurface Soil	AK102	DRO	2100	mg/Kg	250	23	
Depth 1.5	to 2 feet bgs	AK103	RRO	11000	mg/Kg	500	500	VJ
01NE31SS121	Surface Soil Depth 0 to 0.5 feet bgs	AK101	GRO	ND	mg/Kg	7.06	2.44	
		AK102	DRO	47	mg/Kg	25	3.9	
		AK103	RRO	350	mg/Kg	50	50	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0058	0.00026	
			4,4'-DDE	ND	mg/Kg	0.0058	0.00022	
			4,4'-DDT	ND	mg/Kg	0.0058	0.0004	
			Aldrin	ND	mg/Kg	0.0029	0.0001	
			alpha-BHC	ND	mg/Kg	0.0029	0.00016	
			alpha-Chlordane	ND	mg/Kg	0.0029	0.000086	
			beta-BHC	ND	mg/Kg	0.0029	0.00017	
			delta-BHC	ND	mg/Kg	0.0029	0.00013	
			Dieldrin	ND	mg/Kg	0.0058	0.00017	
			Endosulfan I	ND	mg/Kg	0.0029	0.00016	
			Endosulfan II	ND	mg/Kg	0.0058	0.00036	
			Endosulfan sulfate	ND	mg/Kg	0.0058	0.00048	
			Endrin	ND	mg/Kg	0.0058	0.00017	
			Endrin aldehyde	ND	mg/Kg	0.0058	0.00033	
			Endrin ketone	ND	mg/Kg	0.0058	0.00059	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0029	0.00012	

**Summary of Analytical Results Site 31
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SS121	Surface Soil Depth 0 to 0.5 feet bgs	SW8081	gamma-Chlordane	ND	mg/Kg	0.0029	0.00011	
			Heptachlor	ND	mg/Kg	0.0029	0.00013	
			Heptachlor epoxide	ND	mg/Kg	0.0029	0.00013	
			Methoxychlor	ND	mg/Kg	0.029	0.0017	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.058	0.015	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.12	0.02	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.058	0.0079	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.058	0.0093	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.058	0.0062	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.058	0.019	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.058	0.015	
			Toxaphene	ND	mg/Kg	0.29	0.013	
		SW8260 SIM	Benzene	ND	mg/Kg	0.0041	0.0041	
			Ethylbenzene	ND	mg/Kg	0.0041	0.002	
			m,p-Xylene (sum)	ND	mg/Kg	0.0083	0.0083	
			o-Xylene	ND	mg/Kg	0.0041	0.0035	
			Toluene	0.0118	mg/Kg	0.0041	0.0039	
01NE31SS122	Surface Soil Depth 0 to 0.5 feet bgs	AK101	GRO	ND	mg/Kg	5	1.04	
		AK102	DRO	11000	mg/Kg	500	50	
		AK103	RRO	7800	mg/Kg	1000	1000	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.071	0.0017	
			4,4'-DDE	ND	mg/Kg	0.037	0.0015	
			4,4'-DDT	ND	mg/Kg	0.16	0.0026	
			Aldrin	ND	mg/Kg	0.019	0.00067	
			alpha-BHC	ND	mg/Kg	0.019	0.001	
			alpha-Chlordane	ND	mg/Kg	0.019	0.00056	
			beta-BHC	ND	mg/Kg	0.019	0.0011	
			delta-BHC	ND	mg/Kg	0.019	0.00082	
			Dieldrin	ND	mg/Kg	0.037	0.0011	
			Endosulfan I	ND	mg/Kg	0.019	0.001	
			Endosulfan II	ND	mg/Kg	0.037	0.0023	
			Endosulfan sulfate	ND	mg/Kg	0.064	0.0031	
			Endrin	ND	mg/Kg	0.037	0.0011	
			Endrin aldehyde	ND	mg/Kg	0.037	0.0021	
			Endrin ketone	ND	mg/Kg	0.037	0.0038	
			gamma-BHC (Lindane)	ND	mg/Kg	0.019	0.00078	
			gamma-Chlordane	ND	mg/Kg	0.019	0.00071	
			Heptachlor	ND	mg/Kg	0.019	0.00082	
			Heptachlor epoxide	ND	mg/Kg	0.019	0.00082	
			Methoxychlor	ND	mg/Kg	0.19	0.011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.37	0.1	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.75	0.13	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.37	0.051	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.37	0.06	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.37	0.04	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.37	0.12	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.37	0.098	
			Toxaphene	ND	mg/Kg	1.9	0.084	
		SW8260 SIM	Benzene	ND	mg/Kg	0.0024	0.0024	
			Ethylbenzene	ND	mg/Kg	0.0024	0.0012	
			m,p-Xylene (sum)	ND	mg/Kg	0.0048	0.0048	
			o-Xylene	ND	mg/Kg	0.0024	0.002	
			Toluene	ND	mg/Kg	0.0024	0.0023	
01NE31SS123	Surface Soil Depth 0 to 0.5 feet bgs	AK101	GRO	ND	mg/Kg	12.2	4.22	
		AK102	DRO	240	mg/Kg	55	9.8	
		AK103	RRO	1300	mg/Kg	110	110	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0073	0.00033	

**Summary of Analytical Results Site 31
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SS123	Surface Soil Depth 0 to 0.5 feet bgs	SW8081	4,4'-DDE	ND	mg/Kg	0.017	0.00028	
			4,4'-DDT	ND	mg/Kg	0.61	0.0005	
			Aldrin	ND	mg/Kg	0.0036	0.00013	
			alpha-BHC	ND	mg/Kg	0.0036	0.0002	
			alpha-Chlordane	ND	mg/Kg	0.0036	0.00011	
			beta-BHC	ND	mg/Kg	0.0036	0.00022	
			delta-BHC	ND	mg/Kg	0.0036	0.00016	
			Dieldrin	ND	mg/Kg	0.14	0.00022	
			Endosulfan I	ND	mg/Kg	0.0036	0.0002	
			Endosulfan II	ND	mg/Kg	0.0073	0.00045	
			Endosulfan sulfate	ND	mg/Kg	0.4	0.00061	
			Endrin	ND	mg/Kg	0.014	0.00022	
			Endrin aldehyde	ND	mg/Kg	0.17	0.00041	
			Endrin ketone	ND	mg/Kg	0.0073	0.00074	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0036	0.00015	
			gamma-Chlordane	ND	mg/Kg	0.036	0.00014	
			Heptachlor	ND	mg/Kg	0.0036	0.00016	
			Heptachlor epoxide	ND	mg/Kg	0.0036	0.00016	
			Methoxychlor	ND	mg/Kg	0.1	0.0022	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.073	0.019	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.15	0.025	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.073	0.01	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.073	0.012	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.073	0.0079	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.073	0.024	
			PCB-1260 (Aroclor 1260)	22	mg/Kg	0.73	0.19	
			Toxaphene	ND	mg/Kg	0.36	0.016	
		SW8260 SIM	Benzene	ND	mg/Kg	0.0052	0.0052	
			Ethylbenzene	ND	mg/Kg	0.0052	0.0026	
			m,p-Xylene (sum)	0.017	mg/Kg	0.01	0.01	
			o-Xylene	0.0053	mg/Kg	0.0052	0.0044	
			Toluene	0.024	mg/Kg	0.0052	0.005	
01NE31SS124	Surface Soil Depth 0 to 0.5 feet bgs	AK101	GRO	ND	mg/Kg	5.76	1.99	
		AK102	DRO	100	mg/Kg	5	0.52	VLB
		AK103	RRO	190	mg/Kg	10	10	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0038	0.00017	
			4,4'-DDE	ND	mg/Kg	0.0038	0.00015	
			4,4'-DDT	ND	mg/Kg	0.014	0.00026	
			Aldrin	ND	mg/Kg	0.0019	0.000069	
			alpha-BHC	ND	mg/Kg	0.0019	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0019	0.000057	
			beta-BHC	ND	mg/Kg	0.0019	0.00011	
			delta-BHC	ND	mg/Kg	0.0019	0.000084	
			Dieldrin	ND	mg/Kg	0.0038	0.00011	
			Endosulfan I	ND	mg/Kg	0.0019	0.0001	
			Endosulfan II	ND	mg/Kg	0.0038	0.00024	
			Endosulfan sulfate	ND	mg/Kg	0.021	0.00032	
			Endrin	ND	mg/Kg	0.0038	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.0038	0.00022	
			Endrin ketone	ND	mg/Kg	0.0038	0.00039	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0019	0.00008	
			gamma-Chlordane	ND	mg/Kg	0.0019	0.000073	
			Heptachlor	ND	mg/Kg	0.0019	0.000084	
			Heptachlor epoxide	ND	mg/Kg	0.0019	0.000084	
			Methoxychlor	ND	mg/Kg	0.019	0.0011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.038	0.01	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.077	0.013	

Summary of Analytical Results Site 31
2001 Sampling Event

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SS124	Surface Soil Depth 0 to 0.5 feet bgs	SW8081	PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.038	0.0053	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.038	0.0062	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.038	0.0041	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.038	0.012	
			PCB-1260 (Aroclor 1260)	0.36	mg/Kg	0.038	0.01	
		SW8260 SIM	Toxaphene	ND	mg/Kg	0.19	0.0086	
			Benzene	ND	mg/Kg	0.003	0.003	
			Ethylbenzene	ND	mg/Kg	0.003	0.0014	
			m,p-Xylene (sum)	ND	mg/Kg	0.0059	0.0059	
			o-Xylene	ND	mg/Kg	0.003	0.0025	
01NE31SS125	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	64	mg/Kg	5	0.79	VLB
		AK103	RRO	210	mg/Kg	10	10	VJ
01NE31SS202	Surface Soil Depth 0 to 0.5 feet bgs	SW8081	4,4'-DDD	ND	mg/Kg	0.0038	0.00017	
			4,4'-DDE	ND	mg/Kg	0.0056	0.00015	
			4,4'-DDT	ND	mg/Kg	0.12	0.00026	
			Aldrin	ND	mg/Kg	0.0019	0.000068	
			alpha-BHC	ND	mg/Kg	0.0019	0.0001	
			alpha-Chlordane	ND	mg/Kg	0.0019	0.000057	
			beta-BHC	ND	mg/Kg	0.0019	0.00011	
			delta-BHC	ND	mg/Kg	0.0019	0.000084	
			Dieldrin	ND	mg/Kg	0.035	0.00011	
			Endosulfan I	ND	mg/Kg	0.0019	0.0001	
			Endosulfan II	ND	mg/Kg	0.0038	0.00024	
			Endosulfan sulfate	ND	mg/Kg	0.18	0.00032	
			Endrin	ND	mg/Kg	0.0041	0.00011	
			Endrin aldehyde	ND	mg/Kg	0.04	0.00022	
			Endrin ketone	ND	mg/Kg	0.0038	0.00039	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0019	0.00008	
			gamma-Chlordane	ND	mg/Kg	0.0019	0.000072	
			Heptachlor	ND	mg/Kg	0.0019	0.000084	
			Heptachlor epoxide	ND	mg/Kg	0.0019	0.000084	
			Methoxychlor	ND	mg/Kg	0.025	0.0011	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.038	0.01	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.076	0.013	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.038	0.0052	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.038	0.0062	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.038	0.0041	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.038	0.012	
			PCB-1260 (Aroclor 1260)	4.8	mg/Kg	0.38	0.1	
			Toxaphene	ND	mg/Kg	0.19	0.0085	
01NE31SS205	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	3700	mg/Kg	250	26	
		AK103	RRO	ND	mg/Kg	500	500	VQQ
01NE31SS220	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	2200	mg/Kg	500	47	
		AK103	RRO	8200	mg/Kg	1000	1000	VJ
01NE31SS221	Surface Soil Depth 0 to 0.5 feet bgs	AK101	GRO	ND	mg/Kg	7.16	2.48	
		AK102	DRO	39	mg/Kg	20	3.1	
		AK103	RRO	340	mg/Kg	40	40	VJ
		SW8260 SIM	Benzene	ND	mg/Kg	0.0035	0.0035	
			Ethylbenzene	ND	mg/Kg	0.0035	0.0017	
			m,p-Xylene (sum)	0.009	mg/Kg	0.0069	0.0069	
			o-Xylene	ND	mg/Kg	0.0035	0.0029	
01NE31SW101	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
			DRO	ND	mg/L	0.25	0.02	
			RRO	ND	mg/L	0.5	0.5	VQQ
			Aluminum	0.05	mg/L	0.02	0.012	
		SW6010B						

**Summary of Analytical Results Site 31
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SW101	Surface Water	SW6010B	Antimony	ND	mg/L	0.05	0.014	
			Barium	ND	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	2.21	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	
			Iron	0.03	mg/L	0.02	0.0063	
			Magnesium	0.85	mg/L	0.02	0.0084	
			Manganese	0.005	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.17	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8021	Benzene	ND	mg/L	0.001	0.0002	
			Ethylbenzene	ND	mg/L	0.001	0.00019	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00021	
			o-Xylene	ND	mg/L	0.001	0.00015	
			Toluene	ND	mg/L	0.001	0.0002	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	
01NE31SW102	Surface Water	AK101	GRO	ND	mg/L	0.25	0.1	
		AK102	DRO	ND	mg/L	0.25	0.02	
		AK103	RRO	ND	mg/L	0.5	0.5	VQQ
		SW6010B	Aluminum	ND	mg/L	0.02	0.012	
			Antimony	ND	mg/L	0.05	0.014	
			Barium	0.003	mg/L	0.003	0.0004	
			Beryllium	ND	mg/L	0.001	0.0003	
			Cadmium	ND	mg/L	0.002	0.00084	
			Calcium	2.06	mg/L	0.05	0.0003	
			Chromium	ND	mg/L	0.005	0.0013	
			Cobalt	ND	mg/L	0.003	0.0006	
			Copper	ND	mg/L	0.002	0.002	

**Summary of Analytical Results Site 31
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE31SW102	Surface Water	SW6010B	Iron	ND	mg/L	0.02	0.0063	
			Magnesium	0.8	mg/L	0.02	0.0084	
			Manganese	0.001	mg/L	0.001	0.0003	
			Nickel	ND	mg/L	0.01	0.0034	
			Potassium	ND	mg/L	0.5	0.38	
			Silver	ND	mg/L	0.003	0.0007	
			Sodium	4.09	mg/L	0.05	0.015	
			Vanadium	ND	mg/L	0.003	0.0017	
			Zinc	ND	mg/L	0.006	0.0029	
		SW7060A	Arsenic	ND	mg/L	0.001	0.00054	
		SW7421	Lead	ND	mg/L	0.001	0.00086	
		SW7470A	Mercury	ND	mg/L	0.0001	0.00003	
		SW7740	Selenium	ND	mg/L	0.002	0.00083	
		SW7841	Thallium	ND	mg/L	0.001	0.00081	
		SW8021	Benzene	ND	mg/L	0.001	0.0002	
			Ethylbenzene	ND	mg/L	0.001	0.00019	
			m,p-Xylene (sum)	ND	mg/L	0.001	0.00021	
			o-Xylene	ND	mg/L	0.001	0.00015	
			Toluene	ND	mg/L	0.001	0.0002	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/L	0.00005	0.00005	
			Acenaphthene	ND	mg/L	0.00005	0.00004	
			Acenaphthylene	ND	mg/L	0.00005	0.00005	
			Anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)anthracene	ND	mg/L	0.00005	0.00002	
			Benzo(a)pyrene	ND	mg/L	0.00005	0.00001	
			Benzo(b)fluoranthene	ND	mg/L	0.00005	0.00002	
			Benzo(g,h,i)perylene	ND	mg/L	0.00005	0.00004	
			Benzo(k)fluoranthene	ND	mg/L	0.00005	0.00002	
			Chrysene	ND	mg/L	0.00005	0.00001	
			Dibenzo(a,h)anthracene	ND	mg/L	0.00005	0.00005	
			Dibenzofuran	ND	mg/L	0.00005	0.00005	
			Fluoranthene	ND	mg/L	0.00005	0.00005	
			Fluorene	ND	mg/L	0.00005	0.00005	
			Indeno(1,2,3-cd)pyrene	ND	mg/L	0.00005	0.00004	
			Naphthalene	ND	mg/L	0.00005	0.00005	
			Phenanthrene	ND	mg/L	0.00005	0.00004	
			Pyrene	ND	mg/L	0.00005	0.00005	

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the associated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitation is an estimation.
VQQ - The practical quantitation limit is approximate due to QC or matrix effects.

**Summary of Analytical Results Site 32
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE32SS101 Depth 0	Surface Soil to 0.5 feet bgs	AK102	DRO	7600	mg/Kg	1000	99	
		AK103	RRO	ND	mg/Kg	2000	2000	VQQ
01NE32SS102 Depth 1.5	Subsurface Soil to 2 feet bgs	AK102	DRO	13000	mg/Kg	1000	100	
		AK103	RRO	ND	mg/Kg	2000	2000	VQQ
01NE32SS103	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	230	mg/Kg	100	12	
		AK103	RRO	1100	mg/Kg	200	200	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0043	0.0002	
			4,4'-DDE	ND	mg/Kg	0.0043	0.00017	
			4,4'-DDT	ND	mg/Kg	0.0043	0.0003	
			Aldrin	ND	mg/Kg	0.0022	0.000078	
			alpha-BHC	ND	mg/Kg	0.0022	0.00012	
			alpha-Chlordane	ND	mg/Kg	0.0022	0.000065	
			beta-BHC	ND	mg/Kg	0.0022	0.00013	
			delta-BHC	ND	mg/Kg	0.0022	0.000095	
			Dieldrin	ND	mg/Kg	0.0043	0.00013	
			Endosulfan I	ND	mg/Kg	0.0022	0.00012	
			Endosulfan II	ND	mg/Kg	0.0043	0.00027	
			Endosulfan sulfate	ND	mg/Kg	0.0043	0.00036	
			Endrin	ND	mg/Kg	0.0043	0.00013	
			Endrin aldehyde	ND	mg/Kg	0.0043	0.00025	
			Endrin ketone	ND	mg/Kg	0.0043	0.00044	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0022	0.000091	
			gamma-Chlordane	ND	mg/Kg	0.0022	0.000082	
			Heptachlor	ND	mg/Kg	0.0022	0.000095	
			Heptachlor epoxide	ND	mg/Kg	0.0022	0.000095	
			Methoxychlor	ND	mg/Kg	0.022	0.0013	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.043	0.012	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.087	0.015	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.043	0.006	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.043	0.007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.043	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.043	0.014	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.043	0.011	
			Toxaphene	ND	mg/Kg	0.22	0.0098	
01NE32SS104	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	600	mg/Kg	100	9.3	
		AK103	RRO	1200	mg/Kg	200	200	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0035	0.00016	
			4,4'-DDE	ND	mg/Kg	0.0035	0.00014	
			4,4'-DDT	ND	mg/Kg	0.0086	0.00024	
			Aldrin	ND	mg/Kg	0.0017	0.000062	
			alpha-BHC	ND	mg/Kg	0.0017	0.000094	
			alpha-Chlordane	ND	mg/Kg	0.0017	0.000052	
			beta-BHC	ND	mg/Kg	0.0017	0.0001	
			delta-BHC	ND	mg/Kg	0.0017	0.000076	
			Dieldrin	ND	mg/Kg	0.0035	0.0001	
			Endosulfan I	ND	mg/Kg	0.0017	0.000094	
			Endosulfan II	ND	mg/Kg	0.0035	0.00022	
			Endosulfan sulfate	ND	mg/Kg	0.0088	0.00029	
			Endrin	ND	mg/Kg	0.0035	0.0001	
			Endrin aldehyde	ND	mg/Kg	0.0035	0.0002	
			Endrin ketone	ND	mg/Kg	0.0035	0.00035	
			gamma-BHC (Lindane)	ND	mg/Kg	0.0017	0.000073	
			gamma-Chlordane	ND	mg/Kg	0.0017	0.000066	
			Heptachlor	ND	mg/Kg	0.0017	0.000076	
			Heptachlor epoxide	ND	mg/Kg	0.0017	0.000076	
			Methoxychlor	ND	mg/Kg	0.017	0.001	
01NE32SS104	Surface Soil	SW8081	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.035	0.0093	

**Summary of Analytical Results Site 32
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
	Depth 0 to 0.5 feet bgs		PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.069	0.012	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.035	0.0048	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.035	0.0056	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.035	0.0037	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.035	0.011	
			PCB-1260 (Aroclor 1260)	0.16	mg/Kg	0.035	0.0091	
01NE32SS105	Surface Soil Depth 0 to 0.5 feet bgs	AK102	Toxaphene	ND	mg/Kg	0.17	0.0078	
			DRO	1000	mg/Kg	100	9.7	
		AK103	RRO	3600	mg/Kg	200	200	VJ
		SW8081	4,4'-DDD	ND	mg/Kg	0.0036	0.00016	VQQ
			4,4'-DDE	ND	mg/Kg	0.0036	0.00014	VQQ
			4,4'-DDT	ND	mg/Kg	0.037	0.00025	VQQ
			Aldrin	ND	mg/Kg	0.0018	0.000065	VQQ
			alpha-BHC	ND	mg/Kg	0.0018	0.000097	VQQ
			alpha-Chlordane	ND	mg/Kg	0.0018	0.000054	VQQ
			beta-BHC	ND	mg/Kg	0.0018	0.00011	VQQ
			delta-BHC	ND	mg/Kg	0.0018	0.000079	VQQ
			Dieldrin	ND	mg/Kg	0.011	0.00011	VQQ
			Endosulfan I	ND	mg/Kg	0.0018	0.000097	VQQ
			Endosulfan II	ND	mg/Kg	0.0036	0.00022	VQQ
			Endosulfan sulfate	ND	mg/Kg	0.0073	0.0003	VQQ
			Endrin	ND	mg/Kg	0.0036	0.00011	VQQ
			Endrin aldehyde	ND	mg/Kg	0.0078	0.00021	VQQ
			Endrin ketone	ND	mg/Kg	0.0036	0.00037	VQQ
			gamma-BHC (Lindane)	ND	mg/Kg	0.0018	0.000076	VQQ
			gamma-Chlordane	ND	mg/Kg	0.0028	0.000068	VQQ
			Heptachlor	ND	mg/Kg	0.0018	0.000079	VQQ
			Heptachlor epoxide	ND	mg/Kg	0.0018	0.000079	VQQ
			Methoxychlor	ND	mg/Kg	0.0031	0.0011	VQQ
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.036	0.0096	VQQ
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.072	0.012	VQQ
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.036	0.005	VQQ
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.036	0.0058	VQQ
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.036	0.0039	VQQ
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.036	0.012	VQQ
			PCB-1260 (Aroclor 1260)	0.89	mg/Kg	0.036	0.0094	VLB
			Toxaphene	ND	mg/Kg	0.18	0.0081	VQQ

Key:
DRO - diesel range organics
MDL - method detection limit
mg/L - milligram per liter
mg/Kg - milligram per kilogram
MRL - method reporting limit
ND - not detected
RRO - residual range organics
SIM - selected ion monitoring
VB - The analyte was detected in the associated blank and the sample indicating possible contamination.
VJ - The analyte was positively identified; the quantitation is an estimation.
VQQ - The practical quantitation limit is approximate due to QC or matrix effects.

**Summary of Analytical Results Site 33
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE33SS101	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	170	mg/Kg	20	1.9	
		AK103	RRO	300	mg/Kg	40	40	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.036	0.00967	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.072	0.0116	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.036	0.005	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.036	0.00591	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.036	0.00388	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.036	0.0117	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.036	0.00949	
01NE33SS102	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	150	mg/Kg	20	2.1	
		AK103	RRO	270	mg/Kg	40	40	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.039	0.0103	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.077	0.0124	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.039	0.00533	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.039	0.00629	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.039	0.00413	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.039	0.0125	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.039	0.0101	
01NE33SS103	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	660	mg/Kg	100	9.8	
		AK103	RRO	2100	mg/Kg	200	200	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.036	0.00968	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.073	0.0116	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.036	0.005	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.036	0.00591	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.036	0.00388	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.036	0.0117	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.036	0.0095	

Key:

- DRO - diesel range organics
- MDL - method detection limit
- mg/L - milligram per liter
- mg/Kg - milligram per kilogram
- MRL - method reporting limit
- ND - not detected
- RRO - residual range organics
- SIM - selected ion monitoring
- VB - The analyte was detected in the associated blank and the sample indicating possible contamination.
- VJ - The analyte was positively identified; the quantitation is an estimation.
- VQQ - The practical quantitation limit is approximate due to QC or matrix effects.

**Summary of Analytical Results Site 34
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE34SS101	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	47	mg/Kg	5	0.6	
		AK103	RRO	150	mg/Kg	10	10	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.045	0.0119	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.089	0.0143	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.045	0.00615	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.045	0.00726	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.045	0.00477	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.045	0.0144	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.045	0.0117	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0026	0.0026	VQQ
			Acenaphthene	ND	mg/Kg	0.0026	0.0018	VQQ
			Acenaphthylene	ND	mg/Kg	0.0026	0.0017	VQQ
			Anthracene	ND	mg/Kg	0.0026	0.0017	VQQ
			Benzo(a)anthracene	ND	mg/Kg	0.0026	0.0015	VQQ
			Benzo(a)pyrene	ND	mg/Kg	0.0026	0.0013	VQQ
			Benzo(b)fluoranthene	ND	mg/Kg	0.0026	0.0017	VQQ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0026	0.0015	VQQ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0026	0.0013	VQQ
			Chrysene	ND	mg/Kg	0.0026	0.0012	VQQ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0026	0.0013	VQQ
			Dibenzofuran	ND	mg/Kg	0.0026	0.0026	VQQ
			Fluoranthene	ND	mg/Kg	0.0026	0.0013	VQQ
			Fluorene	ND	mg/Kg	0.0026	0.002	VQQ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0026	0.0018	VQQ
			Naphthalene	ND	mg/Kg	0.0026	0.0025	VQQ
			Phenanthrene	ND	mg/Kg	0.0026	0.0017	VQQ
			Pyrene	ND	mg/Kg	0.0026	0.0015	VQQ
01NE34SS102	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	14	mg/Kg	5	0.55	
		AK103	RRO	77	mg/Kg	10	10	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.041	0.011	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.082	0.0131	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.041	0.00567	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.041	0.00669	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.041	0.00439	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.041	0.0133	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.041	0.0108	
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0024	0.0024	
			Acenaphthene	ND	mg/Kg	0.0024	0.0016	
			Acenaphthylene	ND	mg/Kg	0.0024	0.0016	
			Anthracene	ND	mg/Kg	0.0024	0.0016	
			Benzo(a)anthracene	ND	mg/Kg	0.0024	0.0013	
			Benzo(a)pyrene	ND	mg/Kg	0.0024	0.0012	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0024	0.0016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0024	0.0013	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0024	0.0012	
			Chrysene	ND	mg/Kg	0.0024	0.0011	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0024	0.0012	
			Dibenzofuran	ND	mg/Kg	0.0024	0.0024	
			Fluoranthene	ND	mg/Kg	0.0024	0.0012	
			Fluorene	ND	mg/Kg	0.0024	0.0018	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0024	0.0017	
			Naphthalene	ND	mg/Kg	0.0024	0.0023	
			Phenanthrene	ND	mg/Kg	0.0024	0.0016	
			Pyrene	ND	mg/Kg	0.0024	0.0014	
01NE34SS103	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	13	mg/Kg	5	0.54	
		AK103	RRO	76	mg/Kg	10	10	VJ
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.04	0.0108	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.081	0.0129	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.04	0.00556	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.04	0.00657	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.04	0.00431	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.04	0.013	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.04	0.0106	

**Summary of Analytical Results Site 34
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE34SS103	Surface Soil Depth 0 to 0.5 feet bgs	SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0024	0.0024	
			Acenaphthene	ND	mg/Kg	0.0024	0.0016	
			Acenaphthylene	ND	mg/Kg	0.0024	0.0016	
			Anthracene	ND	mg/Kg	0.0024	0.0016	
			Benzo(a)anthracene	ND	mg/Kg	0.0024	0.0013	
			Benzo(a)pyrene	ND	mg/Kg	0.0024	0.0011	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0024	0.0015	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0024	0.0013	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0024	0.0012	
			Chrysene	ND	mg/Kg	0.0024	0.0011	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0024	0.0011	
			Dibenzofuran	ND	mg/Kg	0.0024	0.0024	
			Fluoranthene	ND	mg/Kg	0.0024	0.0012	
			Fluorene	ND	mg/Kg	0.0024	0.0018	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0024	0.0016	
			Naphthalene	ND	mg/Kg	0.0024	0.0022	
			Phenanthrene	ND	mg/Kg	0.0024	0.0015	
			Pyrene	ND	mg/Kg	0.0024	0.0014	
01NE34SS104	Surface Soil Depth 0 to 0.5 feet bgs	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.038	0.0101	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.076	0.0121	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.038	0.00521	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.038	0.00616	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.038	0.00404	
			PCB-1254 (Aroclor 1254)	0.59	mg/Kg	0.038	0.0122	
			PCB-1260 (Aroclor 1260)	0.47	mg/Kg	0.038	0.0099	
01NE34SS105	Surface Soil Depth 0	AK102	DRO	980	mg/Kg	50	5.1	
01NE34SS106	Surface Soil Depth 0	AK103	RRO	ND	mg/Kg	100	100	VQQ
		AK102	DRO	1100	mg/Kg	50	4.9	
01NE34SS107	Surface Soil Depth 0 to 0.5 feet bgs	AK103	RRO	58	mg/Kg	40	40	VJ
		AK102	DRO	41	mg/Kg	5	0.5	
		AK103	RRO	95	mg/Kg	10	10	VJ
		DU	Total Organic Carbon (TOC)	1.7	PERCENT	0.005	0.005	
		E160.3	Total Solids	87.5	PERCENT	0.01	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.037	0.00999	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.075	0.012	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.037	0.00516	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.037	0.0061	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.037	0.004	
			PCB-1254 (Aroclor 1254)	0.05	mg/Kg	0.037	0.0121	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.037	0.0098	
01NE34SS108	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	220	mg/Kg	20	2.3	
		AK103	RRO	280	mg/Kg	40	40	VJ
		DU	Total Organic Carbon (TOC)	5.7	PERCENT	0.005	0.005	
		E160.3	Total Solids	83.9	PERCENT	0.01	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.043	0.0114	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.085	0.0137	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.043	0.00589	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.043	0.00696	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.043	0.00457	
			PCB-1254 (Aroclor 1254)	0.25	mg/Kg	0.043	0.0138	
			PCB-1260 (Aroclor 1260)	0.11	mg/Kg	0.043	0.0112	
01NE34SS109	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	300	mg/Kg	50	5.3	
		AK103	RRO	1200	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	6.4	PERCENT	0.005	0.005	
		E160.3	Total Solids	77.2	PERCENT	0.01	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.039	0.0104	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.078	0.0125	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.039	0.0054	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.039	0.00637	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.039	0.00418	
			PCB-1254 (Aroclor 1254)	0.15	mg/Kg	0.039	0.0126	
			PCB-1260 (Aroclor 1260)	0.063	mg/Kg	0.039	0.0102	

**Summary of Analytical Results Site 34
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE34SS110	Surface Soil	AK102	DRO	230	mg/Kg	50	5.6	
01NE34SS110	Surface Soil Depth 0 to 0.5 feet bgs	AK103	RRO	620	mg/Kg	100	100	VJ
		DU	Total Organic Carbon (TOC)	7.2	PERCENT	0.005	0.005	
		E160.3	Total Solids	80.4	PERCENT	0.01	0.01	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.041	0.011	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.083	0.0132	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.041	0.0057	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.041	0.00674	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.041	0.00442	
			PCB-1254 (Aroclor 1254)	0.17	mg/Kg	0.041	0.0133	
			PCB-1260 (Aroclor 1260)	0.064	mg/Kg	0.041	0.0108	
01NE34SS111	Surface Soil Depth 0 to 0.5 feet bgs	AK102	DRO	7.1	mg/Kg	5	0.48	
		AK103	RRO	30	mg/Kg	10	10	VJ
		SW8270 SIM	2-Methylnaphthalene	ND	mg/Kg	0.0021	0.0021	
			Acenaphthene	ND	mg/Kg	0.0021	0.0014	
			Acenaphthylene	ND	mg/Kg	0.0021	0.0014	
			Anthracene	ND	mg/Kg	0.0021	0.0014	
			Benzo(a)anthracene	ND	mg/Kg	0.0021	0.0012	
			Benzo(a)pyrene	ND	mg/Kg	0.0021	0.001	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0021	0.0014	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0021	0.0012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0021	0.001	
			Chrysene	ND	mg/Kg	0.0021	0.00098	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0021	0.001	
			Dibenzofuran	ND	mg/Kg	0.0021	0.0021	
			Fluoranthene	ND	mg/Kg	0.0021	0.0011	
			Fluorene	ND	mg/Kg	0.0021	0.0016	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0021	0.0014	
			Naphthalene	ND	mg/Kg	0.0021	0.002	
			Phenanthrene	ND	mg/Kg	0.0021	0.0014	
			Pyrene	ND	mg/Kg	0.0021	0.0012	

Key:

DRO - diesel range organics

MDL - method detection limit

mg/L - milligram per liter

mg/Kg - milligram per kilogram

MRL - method reporting limit

ND - not detected

RRO - residual range organics

SIM - selected ion monitoring

VB - The analyte was detected in the associated blank and the sample indicating possible contamination.

VJ - The analyte was positively identified; the quantitation is an estimation.

VQQ - The practical quantitation limit is approximate due to QC or matrix effects.

**Summary of Analytical Results for Trip Blanks
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB101	Soil	SW8260 SIM	Benzene	ND	mg/Kg	0.005	0.005	
			Ethylbenzene	0.0084	mg/Kg	0.005	0.0024	
			m,p-Xylene (Sum of Isomers)	0.031	mg/Kg	0.01	0.01	
			o-Xylene	0.01	mg/Kg	0.005	0.0042	
			Toluene	0.046	mg/Kg	0.005	0.0048	
			AK101 Gasoline Range Organics	ND	mg/Kg	5.48	1.9	
01NE00TB102	Water	E160.3	Total Solids	100	PERCENT	0.01	0.01	
		SW8260	AK101 Gasoline Range Organics	ND	mg/L	0.25	0.1	
			1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	

**Summary of Analytical Results for Trip Blanks
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB102	Water	SW8260	Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE00TB103	Water	AK101	Gasoline Range Organics	ND	mg/L	0.25	0.1	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	

**Summary of Analytical Results for Trip Blanks
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB103	Water	SW8260	Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE00TB104	Soil	SW8260 SIM	Benzene	ND	mg/Kg	0.005	0.005	
			Ethylbenzene	0.008	mg/Kg	0.005	0.0024	
			m,p-Xylene (Sum of Isomers)	0.03	mg/Kg	0.01	0.01	
			o-Xylene	0.0098	mg/Kg	0.005	0.0042	
			Toluene	0.045	mg/Kg	0.005	0.0048	
		AK101	Gasoline Range Organics	ND	mg/Kg	24	8.32	
		E160.3	Total Solids	100	PERCENT	0.01	0.01	
01NE00TB108	Water	AK101	Gasoline Range Organics	ND	mg/L	0.25	0.1	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	

**Summary of Analytical Results for Trip Blanks
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB108	Water	SW8260	1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE00TB109	Soil	SW8260 SIM	Benzene	ND	mg/Kg	0.049	0.049	
			Ethylbenzene	0.087	mg/Kg	0.049	0.024	
			m,p-Xylene (Sum of Isomers)	0.33	mg/Kg	0.097	0.097	
			o-Xylene	0.1	mg/Kg	0.049	0.041	
			Toluene	0.44	mg/Kg	0.049	0.046	
		AK101	Gasoline Range Organics	ND	mg/Kg	24	8.32	

**Summary of Analytical Results for Trip Blanks
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB109	Soil	E160.3	Total Solids	10.27	PERCENT	0.01	0.01	
01NE00TB111	Soil	SW8260 SIM	Benzene	ND	mg/Kg	0.005	0.005	
		AK101	Gasoline Range Organics	ND	mg/Kg	24	8.32	
		E160.3	Total Solids	100	PERCENT	0.01	0.01	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.05	0.02	
			1,1,1-Trichloroethane	ND	mg/Kg	0.05	0.014	
			1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.05	0.033	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/Kg	0.05	0.012	
			1,1,2-Trichloroethane	ND	mg/Kg	0.05	0.014	
			1,1-Dichloroethane	ND	mg/Kg	0.05	0.018	
			1,1-Dichloroethene	ND	mg/Kg	0.05	0.016	
			1,1-Dichloropropene	ND	mg/Kg	0.05	0.014	
			1,2,3-Trichlorobenzene	ND	mg/Kg	0.25	0.023	
			1,2,3-Trichloropropane	ND	mg/Kg	0.1	0.029	
			1,2,4-Trichlorobenzene	ND	mg/Kg	0.25	0.022	
			1,2,4-Trimethylbenzene	ND	mg/Kg	0.05	0.019	
			1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.25	0.036	
			1,2-Dibromoethane	ND	mg/Kg	0.05	0.015	
			1,2-Dichlorobenzene	ND	mg/Kg	0.05	0.022	
			1,2-Dichloroethane	ND	mg/Kg	0.05	0.01	
			1,2-Dichloropropane	ND	mg/Kg	0.05	0.012	
			1,3,5-Trimethylbenzene	ND	mg/Kg	0.05	0.02	
			1,3-Dichlorobenzene	ND	mg/Kg	0.05	0.018	
			1,3-Dichloropropane	ND	mg/Kg	0.05	0.02	
			1,4-Dichlorobenzene	ND	mg/Kg	0.05	0.02	
			2,2-Dichloropropane	ND	mg/Kg	0.05	0.018	
			2-Butanone	ND	mg/Kg	0.25	0.23	
			2-Chloroethyl vinyl ether	ND	mg/Kg	0.25	0.022	
			2-Chlorotoluene	ND	mg/Kg	0.05	0.031	
			2-Hexanone	ND	mg/Kg	0.25	0.2	
			4-Chlorotoluene	ND	mg/Kg	0.05	0.019	
			4-Isopropyltoluene	ND	mg/Kg	0.05	0.02	
			4-Methyl-2-pentanone	ND	mg/Kg	0.25	0.15	
			Acetone	ND	mg/Kg	0.25	0.23	
			Acrolein	ND	mg/Kg	2.5	0.32	
			Acrylamide	ND	mg/Kg	0.25	0.036	
			Bromobenzene	ND	mg/Kg	0.05	0.02	
			Bromochloromethane	ND	mg/Kg	0.05	0.018	
			Bromodichloromethane	ND	mg/Kg	0.05	0.008	
			Bromoethane	ND	mg/Kg	0.1	0.021	
			Bromoform	ND	mg/Kg	0.05	0.016	
			Bromomethane	0.09	mg/Kg	0.05	0.032	VB
			Carbon disulfide	ND	mg/Kg	0.05	0.014	
			Carbon tetrachloride	ND	mg/Kg	0.05	0.012	
			Chlorobenzene	ND	mg/Kg	0.05	0.017	
			Chloroethane	ND	mg/Kg	0.05	0.017	
			Chloroform	ND	mg/Kg	0.05	0.014	
			Chloromethane	ND	mg/Kg	0.05	0.014	
			cis-1,2-Dichloroethene	ND	mg/Kg	0.05	0.014	
			cis-1,3-Dichloropropene	ND	mg/Kg	0.05	0.012	
			Dibromochloromethane	ND	mg/Kg	0.05	0.014	
			Dibromomethane	ND	mg/Kg	0.05	0.014	
			Ethylbenzene	ND	mg/Kg	0.05	0.018	
			Hexachlorobutadiene	ND	mg/Kg	0.25	0.066	
			Isopropylbenzene	ND	mg/Kg	0.05	0.021	
			m,p-Xylene (Sum of Isomers)	ND	mg/Kg	0.05	0.037	
			Methyl iodide	ND	mg/Kg	0.05	0.022	
			Methylene chloride	ND	mg/Kg	0.15	0.11	
			Naphthalene	ND	mg/Kg	0.25	0.036	

**Summary of Analytical Results for Trip Blanks
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB111	Soil	SW8260	n-Butylbenzene	ND	mg/Kg	0.1	0.022	
			n-Propylbenzene	ND	mg/Kg	0.05	0.019	
			o-Xylene	ND	mg/Kg	0.05	0.016	
			sec-Butylbenzene	ND	mg/Kg	0.05	0.024	
			Styrene	ND	mg/Kg	0.05	0.014	
			tert-Butylbenzene	ND	mg/Kg	0.05	0.022	
			Tetrachloroethene	ND	mg/Kg	0.05	0.026	
			Toluene	0.061	mg/Kg	0.05	0.016	
			trans-1,2-Dichloroethene	ND	mg/Kg	0.05	0.016	
			trans-1,3-Dichloropropene	ND	mg/Kg	0.05	0.011	
			trans-1,4-Dichloro-2-butene	ND	mg/Kg	0.25	0.019	
			Trichloroethene	ND	mg/Kg	0.05	0.018	
			Trichlorofluoromethane	ND	mg/Kg	0.05	0.02	
			Vinyl acetate	ND	mg/Kg	0.25	0.034	
			Vinyl chloride	ND	mg/Kg	0.05	0.018	
01NE00TB113	Water	AK101	Gasoline Range Organics	ND	mg/L	0.25	0.1	
01NE00TB114	Soil	SW8260 SIM	Benzene	ND	mg/Kg	0.005	0.005	
			Ethylbenzene	0.0071	mg/Kg	0.005	0.0024	
			m,p-Xylene (Sum of Isomers)	0.028	mg/Kg	0.01	0.01	
			o-Xylene	0.0083	mg/Kg	0.005	0.0042	
			Toluene	0.044	mg/Kg	0.005	0.0048	
		AK101	Gasoline Range Organics	ND	mg/Kg	24	8.32	
		E160.3	Total Solids	100	PERCENT	0.01	0.01	
01NE00TB115	Water	AK101	Gasoline Range Organics	ND	mg/L	0.25	0.1	
		SW8021	Benzene	ND	mg/L	0.001	0.0002	
			Ethylbenzene	ND	mg/L	0.001	0.00019	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00021	
			o-Xylene	ND	mg/L	0.001	0.00015	
			Toluene	ND	mg/L	0.001	0.0002	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	

**Summary of Analytical Results for Trip Blanks
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB115	Water	SW8260	Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE00TB116	Water	AK101	Gasoline Range Organics	ND	mg/L	0.25	0.1	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	
			1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	

**Summary of Analytical Results for Trip Blanks
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB116	Water	SW8260	1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	ND	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	
			Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	
01NE00TB118	Water	AK101	Gasoline Range Organics	ND	mg/L	0.25	0.1	
		SW8260	1,1,1,2-Tetrachloroethane	ND	mg/L	0.001	0.00026	
			1,1,1-Trichloroethane	ND	mg/L	0.001	0.0004	
			1,1,2,2-Tetrachloroethane	ND	mg/L	0.001	0.00032	
			1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/L	0.002	0.0003	

**Summary of Analytical Results for Trip Blanks
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB118	Water	SW8260	1,1,2-Trichloroethane	ND	mg/L	0.001	0.00039	
			1,1-Dichloroethane	ND	mg/L	0.001	0.00049	
			1,1-Dichloroethene	ND	mg/L	0.001	0.00049	
			1,1-Dichloropropene	ND	mg/L	0.001	0.00028	
			1,2,3-Trichlorobenzene	ND	mg/L	0.005	0.00035	
			1,2,3-Trichloropropane	ND	mg/L	0.003	0.00092	
			1,2,4-Trichlorobenzene	ND	mg/L	0.005	0.00049	
			1,2,4-Trimethylbenzene	ND	mg/L	0.001	0.00034	
			1,2-Dibromo-3-chloropropane	ND	mg/L	0.005	0.00097	
			1,2-Dibromoethane	ND	mg/L	0.001	0.00033	
			1,2-Dichlorobenzene	ND	mg/L	0.001	0.00038	
			1,2-Dichloroethane	ND	mg/L	0.001	0.00037	
			1,2-Dichloropropane	ND	mg/L	0.001	0.00042	
			1,3,5-Trimethylbenzene	ND	mg/L	0.001	0.00043	
			1,3-Dichlorobenzene	ND	mg/L	0.001	0.00044	
			1,3-Dichloropropane	ND	mg/L	0.001	0.00024	
			1,4-Dichlorobenzene	ND	mg/L	0.001	0.0004	
			2,2-Dichloropropane	ND	mg/L	0.001	0.00037	
			2-Butanone	ND	mg/L	0.005	0.0028	
			2-Chloroethyl vinyl ether	ND	mg/L	0.005	0.00019	
			2-Chlorotoluene	ND	mg/L	0.001	0.00046	
			2-Hexanone	ND	mg/L	0.005	0.0011	
			4-Chlorotoluene	ND	mg/L	0.001	0.00059	
			4-Isopropyltoluene	ND	mg/L	0.001	0.00026	
			4-Methyl-2-pentanone	ND	mg/L	0.005	0.0014	
			Acetone	ND	mg/L	0.005	0.003	
			Acrolein	ND	mg/L	0.05	0.0041	
			Acrylamide	ND	mg/L	0.001	0.00078	
			Benzene	ND	mg/L	0.001	0.00043	
			Bromobenzene	ND	mg/L	0.001	0.00058	
			Bromochloromethane	ND	mg/L	0.001	0.00058	
			Bromodichloromethane	ND	mg/L	0.001	0.00034	
			Bromoethane	ND	mg/L	0.002	0.00064	
			Bromoform	ND	mg/L	0.001	0.00031	
			Bromomethane	ND	mg/L	0.001	0.00058	
			Carbon disulfide	ND	mg/L	0.001	0.00036	
			Carbon tetrachloride	ND	mg/L	0.001	0.00045	
			Chlorobenzene	ND	mg/L	0.001	0.00036	
			Chloroethane	ND	mg/L	0.001	0.00051	
			Chloroform	ND	mg/L	0.001	0.00053	
			Chloromethane	0.0032	mg/L	0.001	0.00056	
			cis-1,2-Dichloroethene	ND	mg/L	0.001	0.00039	
			cis-1,3-Dichloropropene	ND	mg/L	0.001	0.00027	
			Dibromochloromethane	ND	mg/L	0.001	0.00024	
			Dibromomethane	ND	mg/L	0.001	0.00053	
			Ethylbenzene	ND	mg/L	0.001	0.00035	
			Hexachlorobutadiene	ND	mg/L	0.005	0.00058	
			Isopropylbenzene	ND	mg/L	0.001	0.00037	
			m,p-Xylene (Sum of Isomers)	ND	mg/L	0.001	0.00061	
			Methyl iodide	ND	mg/L	0.001	0.00061	
			Methylene chloride	ND	mg/L	0.002	0.00069	
			Naphthalene	ND	mg/L	0.005	0.00028	
			n-Butylbenzene	ND	mg/L	0.001	0.00026	
			n-Propylbenzene	ND	mg/L	0.001	0.00043	
			o-Xylene	ND	mg/L	0.001	0.00035	
			sec-Butylbenzene	ND	mg/L	0.001	0.00025	
			Styrene	ND	mg/L	0.001	0.00028	
			tert-Butylbenzene	ND	mg/L	0.001	0.00035	
			Tetrachloroethene	ND	mg/L	0.001	0.00031	

**Summary of Analytical Results for Trip Blanks
2001 Sampling Event**

Sample ID	Matrix	Method	Analyte	Result	Units	MRL	MDL	Qualifier
01NE00TB118	Water	SW8260	Toluene	ND	mg/L	0.001	0.00042	
			trans-1,2-Dichloroethene	ND	mg/L	0.001	0.00054	
			trans-1,3-Dichloropropene	ND	mg/L	0.001	0.00026	
			trans-1,4-Dichloro-2-butene	ND	mg/L	0.005	0.0003	
			Trichloroethene	ND	mg/L	0.001	0.00042	
			Trichlorofluoromethane	ND	mg/L	0.001	0.00029	
			Vinyl acetate	ND	mg/L	0.005	0.0004	
			Vinyl chloride	ND	mg/L	0.001	0.0004	

Key:

- MDL - method detection limit
- mg/L - milligram per liter
- mg/Kg - milligram per kilogram
- MRL - method reporting limit
- ND - not detected
- VB - The analyte was detected in the associated blank and the sample indicating possible contamination.

Summary of Groundwater and Surface Water Results Site 88
2002 Sampling event

Sample ID	Site ID	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88GW001	NE19	AK101	Gasoline Range Organics (C6-C10)	0.024	mg/L	0.05	0.02	VJ
		AK102	Diesel Range Organics (C10-C25)	1.2	mg/L	0.1	0.042	
		AK103	Residual Range Organics	0.43	mg/L	0.2	0.073	
		E300.0	Sulfate	17	mg/L	2	0.2	
		E310.1	Alkalinity, Total	50	mg/L	2	1	
		RSK175	Ethane	0.0017	mg/L	0.0005	0.0005	
			Ethene	ND	mg/L	0.0015	0.0013	
			Methane	0.0039	mg/L	0.0005	0.0003	
		SW8260B	Benzene	0.00058	mg/L	0.0005	0.00011	
			Ethylbenzene	ND	mg/L	0.0005	0.00013	
			o-Xylene	0.00013	mg/L	0.0005	0.000079	VJ
			Toluene	0.00061	mg/L	0.0005	0.000098	VB
			Xylene, Isomers m & p	0.00022	mg/L	0.0005	0.00022	VJ
02NE88GW002	NE19	AK101	Gasoline Range Organics (C6-C10)	ND	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	0.71	mg/L	0.1	0.042	
		AK103	Residual Range Organics	1.3	mg/L	0.2	0.073	
		E300.0	Sulfate	13	mg/L	2	0.2	
		E310.1	Alkalinity, Total	40	mg/L	2	1	
		RSK175	Ethane	ND	mg/L	0.0005	0.0005	
			Ethene	ND	mg/L	0.0015	0.0013	
			Methane	0.01	mg/L	0.0005	0.0003	
		SW8260B	Benzene	0.00092	mg/L	0.0005	0.00011	
			Ethylbenzene	0.00034	mg/L	0.0005	0.00013	VJ
			o-Xylene	0.0001	mg/L	0.0005	0.000079	VJ
			Toluene	0.00036	mg/L	0.0005	0.000098	VB
			Xylene, Isomers m & p	0.00035	mg/L	0.0005	0.00022	VJ
02NE88GW003	NE19	AK101	Gasoline Range Organics (C6-C10)	0.42	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	34	mg/L	1.1	0.43	
		AK103	Residual Range Organics	0.22	mg/L	0.21	0.074	
		E300.0	Sulfate	12	mg/L	1	0.1	
		E310.1	Alkalinity, Total	47	mg/L	2	1	
		RSK175	Ethane	ND	mg/L	0.0005	0.0005	
			Ethene	ND	mg/L	0.0015	0.0013	
			Methane	0.0055	mg/L	0.0005	0.0003	
		SW8260B	Benzene	0.00057	mg/L	0.0005	0.00011	
			Ethylbenzene	0.025	mg/L	0.0005	0.00013	
			o-Xylene	0.00008	mg/L	0.0005	0.000079	VJ
			Toluene	0.00024	mg/L	0.0005	0.000098	VB
			Xylene, Isomers m & p	0.022	mg/L	0.0005	0.00022	
02NE88GW004	NE27	AK101	Gasoline Range Organics (C6-C10)	1.2	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	72	mg/L	1.1	0.43	
		AK103	Residual Range Organics	1.9	mg/L	0.21	0.074	
		E300.0	Sulfate	1.4	mg/L	0.2	0.02	
		E310.1	Alkalinity, Total	258	mg/L	2	1	
		RSK175	Ethane	ND	mg/L	0.0005	0.0005	
			Ethene	ND	mg/L	0.0015	0.0013	
			Methane	1.7	mg/L	0.0005	0.0003	
		SW8260B	Benzene	0.03	mg/L	0.0005	0.00011	
			Ethylbenzene	0.12	mg/L	0.0005	0.00013	
			o-Xylene	0.007	mg/L	0.0005	0.000079	
			Toluene	0.0032	mg/L	0.0005	0.000098	
			Xylene, Isomers m & p	0.085	mg/L	0.0005	0.00022	
02NE88GW204 (FD of GW004)	NE27		Gasoline Range Organics (C6-C10)					
		AK101		1.2	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	56	mg/L	1	0.42	
		AK103	Residual Range Organics	1.3	mg/L	0.2	0.073	
		E300.0	Sulfate	0.9	mg/L	0.2	0.02	
		E310.1	Alkalinity, Total	273	mg/L	2	1	
		RSK175	Ethane	ND	mg/L	0.0005	0.0005	
			Ethene	ND	mg/L	0.0015	0.0013	
			Methane	1.8	mg/L	0.0005	0.0003	
		SW8260B	Benzene	0.03	mg/L	0.0005	0.00011	
			Ethylbenzene	0.12	mg/L	0.0005	0.00013	
			o-Xylene	0.0075	mg/L	0.0005	0.000079	
			Toluene	0.0033	mg/L	0.0005	0.000098	
02NE88GW204 (FD of GW004)	NE27	SW8260B	Xylene, Isomers m & p	0.083	mg/L	0.0005	0.00022	

Summary of Groundwater and Surface Water Results Site 88
2002 Sampling event

Sample ID	Site ID	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88GW005	NE13	AK101	Gasoline Range Organics (C6-C10)	1.3	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	9.8	mg/L	0.11	0.043	
		AK103	Residual Range Organics	2.3	mg/L	0.21	0.074	
		E300.0	Sulfate	7.8	mg/L	0.2	0.02	
		E310.1	Alkalinity, Total	145	mg/L	2	1	
		RSK175	Ethane	ND	mg/L	0.0005	0.0005	
			Ethene	ND	mg/L	0.0015	0.0013	
			Methane	0.62	mg/L	0.0005	0.0003	
		SW8260B	Benzene	0.019	mg/L	0.0005	0.00011	
			Ethylbenzene	0.035	mg/L	0.0005	0.00013	
			o-Xylene	0.071	mg/L	0.0005	0.000079	
			Toluene	0.12	mg/L	0.0005	0.00098	
			Xylene, Isomers m & p	0.14	mg/L	0.0005	0.00022	
02NE88GW006	NE13	AK101	Gasoline Range Organics (C6-C10)	1.1	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	69	mg/L	1.1	0.43	
		AK103	Residual Range Organics	2.1	mg/L	0.21	0.074	
		E300.0	Sulfate	11.7	mg/L	0.4	0.04	
		E310.1	Alkalinity, Total	153	mg/L	2	1	
		RSK175	Ethane	ND	mg/L	0.0005	0.0005	
			Ethene	ND	mg/L	0.0015	0.0013	
			Methane	2.9	mg/L	0.0005	0.0003	
		SW8260B	Benzene	0.00074	mg/L	0.0005	0.00011	
			Ethylbenzene	0.052	mg/L	0.0005	0.00013	
			o-Xylene	0.0038	mg/L	0.0005	0.000079	
			Toluene	0.00019	mg/L	0.0005	0.000098	VB
			Xylene, Isomers m & p	0.055	mg/L	0.0005	0.00022	
02NE88GW007	NE13	AK101	Gasoline Range Organics (C6-C10)	1.5	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	6.1	mg/L	0.11	0.043	VLB
		AK103	Residual Range Organics	0.32	mg/L	0.21	0.074	
		E300.0	Sulfate	0.8	mg/L	0.2	0.02	
		E310.1	Alkalinity, Total	179	mg/L	2	1	
		RSK175	Ethane	ND	mg/L	0.0005	0.0005	
			Ethene	ND	mg/L	0.0015	0.0013	
			Methane	1.2	mg/L	0.0005	0.0003	VLB
		SW8260B	Benzene	0.014	mg/L	0.0005	0.00011	
			Ethylbenzene	0.072	mg/L	0.0005	0.00013	
			o-Xylene	0.024	mg/L	0.0005	0.000079	
			Toluene	0.0012	mg/L	0.0005	0.000098	VB
			Xylene, Isomers m & p	0.13	mg/L	0.0005	0.00022	
02NE88GW008	NE13	AK101	Gasoline Range Organics (C6-C10)	0.52	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	20	mg/L	0.1	0.042	
		AK103	Residual Range Organics	0.18	mg/L	0.2	0.073	VJ
		E300.0	Sulfate	2.6	mg/L	0.2	0.02	
		E310.1	Alkalinity, Total	162	mg/L	2	1	
		RSK175	Ethane	ND	mg/L	0.0005	0.0005	
			Ethene	ND	mg/L	0.0015	0.0013	
			Methane	0.88	mg/L	0.0005	0.0003	
		SW8260B	Benzene	0.00012	mg/L	0.0005	0.00011	VJ
			Ethylbenzene	0.018	mg/L	0.0005	0.00013	
			o-Xylene	0.00064	mg/L	0.0005	0.000079	
			Toluene	0.00011	mg/L	0.0005	0.000098	VB
			Xylene, Isomers m & p	0.016	mg/L	0.0005	0.00022	
02NE88GW009	NE19	AK101	Gasoline Range Organics (C6-C10)	0.064	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	0.71	mg/L	0.1	0.042	
		AK103	Residual Range Organics	ND	mg/L	0.2	0.073	
		E300.0	Sulfate	5	mg/L	1	0.1	
		E310.1	Alkalinity, Total	26	mg/L	2	1	
		RSK175	Ethane	ND	mg/L	0.0005	0.0005	
			Ethene	ND	mg/L	0.0015	0.0013	
			Methane	0.13	mg/L	0.0005	0.0003	
		SW8260B	Benzene	ND	mg/L	0.0005	0.00011	
			Ethylbenzene	ND	mg/L	0.0005	0.00013	
			o-Xylene	ND	mg/L	0.0005	0.000079	
02NE88GW009	NE19	SW8260B	Toluene	ND	mg/L	0.0005	0.000098	
			Xylene, Isomers m & p	ND	mg/L	0.0005	0.00022	

Summary of Groundwater and Surface Water Results Site 88
2002 Sampling event

Sample ID	Site ID	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88GW010	NE20	AK101	Gasoline Range Organics (C6-C10)	0.12	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	55	mg/L	1.1	0.43	
		AK103	Residual Range Organics	1.3	mg/L	0.21	0.075	
		E300.0	Sulfate	13	mg/L	1	0.1	
		E310.1	Alkalinity, Total	197	mg/L	2	1	
		RSK175	Ethane	0.00064	mg/L	0.0005	0.0005	
			Ethene	0.0024	mg/L	0.0015	0.0013	
			Methane	0.031	mg/L	0.0005	0.0003	
		SW8260B	Benzene	0.0027	mg/L	0.0005	0.00011	
			Ethylbenzene	0.0017	mg/L	0.0005	0.00013	
			o-Xylene	0.00015	mg/L	0.0005	0.000079	VJ
			Toluene	0.0014	mg/L	0.0005	0.000098	
			Xylene, Isomers m & p	0.00079	mg/L	0.0005	0.00022	
02NE88EB001	Equipment Blank	AK101	Gasoline Range Organics (C6-C10)	ND	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/L	0.1	0.042	
		AK103	Residual Range Organics	0.081	mg/L	0.2	0.073	VJ
		SW8260B	Benzene	0.00021	mg/L	0.0005	0.00011	VJ
			Ethylbenzene	ND	mg/L	0.0005	0.00013	
			o-Xylene	0.00009	mg/L	0.0005	0.000079	VJ
			Toluene	0.00045	mg/L	0.0005	0.000098	VB
			Xylene, Isomers m & p	0.00022	mg/L	0.0005	0.00022	VJ
02NE88EB002	Equipment Blank	AK101	Gasoline Range Organics (C6-C10)	ND	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/L	0.11	0.043	
		AK103	Residual Range Organics	ND	mg/L	0.21	0.075	
		SW8260B	Benzene	ND	mg/L	0.0005	0.00011	
			Ethylbenzene	ND	mg/L	0.0005	0.00013	
			o-Xylene	ND	mg/L	0.0005	0.000079	
			Toluene	0.00013	mg/L	0.0005	0.000098	VB
			Xylene, Isomers m & p	ND	mg/L	0.0005	0.00022	
02NE88EB003	Equipment Blank	AK101	Gasoline Range Organics (C6-C10)	ND	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/L	0.1	0.042	
		AK103	Residual Range Organics	ND	mg/L	0.2	0.073	
		SW8260B	Benzene	ND	mg/L	0.0005	0.00011	
			Ethylbenzene	ND	mg/L	0.0005	0.00013	
			o-Xylene	0.00008	mg/L	0.0005	0.000079	VJ
			Toluene	0.00013	mg/L	0.0005	0.000098	VB
			Xylene, Isomers m & p	ND	mg/L	0.0005	0.00022	
02NE88EB004	Equipment Blank	AK101	Gasoline Range Organics (C6-C10)	ND	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/L	0.1	0.042	
		AK103	Residual Range Organics	ND	mg/L	0.2	0.073	
		SW8260B	Benzene	ND	mg/L	0.0005	0.00011	
			Ethylbenzene	ND	mg/L	0.0005	0.00013	
			o-Xylene	ND	mg/L	0.0005	0.000079	
			Toluene	0.00013	mg/L	0.0005	0.000098	VB
			Xylene, Isomers m & p	ND	mg/L	0.0005	0.00022	
02NE88EB005	Equipment Blank	AK101	Gasoline Range Organics (C6-C10)	ND	mg/L	0.05	0.02	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/L	0.11	0.043	
		AK103	Residual Range Organics	ND	mg/L	0.21	0.074	
		SW8260B	Benzene	ND	mg/L	0.0005	0.00011	
			Ethylbenzene	ND	mg/L	0.0005	0.00013	
			o-Xylene	ND	mg/L	0.0005	0.000079	
			Toluene	0.00015	mg/L	0.0005	0.000098	VB
			Xylene, Isomers m & p	ND	mg/L	0.0005	0.00022	
02NE88TB002	Trip Blank	AK101	Gasoline Range Organics (C6-C10)	ND	mg/L	0.05	0.02	
		RSK175	Ethane	ND	mg/L	0.0005	0.0005	
			Ethene	ND	mg/L	0.0015	0.0013	
			Methane	ND	mg/L	0.0005	0.0003	
		SW8260B	Benzene	ND	mg/L	0.0005	0.00011	
			Ethylbenzene	ND	mg/L	0.0005	0.00013	
			o-Xylene	ND	mg/L	0.0005	0.000079	
			Toluene	0.00015	mg/L	0.0005	0.000098	VJ
			Xylene, Isomers m & p	ND	mg/L	0.0005	0.00022	
		AK101	Gasoline Range Organics (C6-C10)	ND	mg/L	0.05	0.02	
02NE88TB003		AK101	Gasoline Range Organics (C6-C10)	ND	mg/L	0.05	0.02	

Summary of Groundwater and Surface Water Results Site 88
2002 Sampling event

Sample ID	Site ID	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88TB003	Trip Blank	SW8260B	Benzene	ND	mg/L	0.0005	0.00011	
			Ethylbenzene	ND	mg/L	0.0005	0.00013	
			o-Xylene	ND	mg/L	0.0005	0.000079	
			Toluene	0.00013	mg/L	0.0005	0.000098	VB
			Xylene, Isomers m & p	ND	mg/L	0.0005	0.00022	
02NE88TB006	Trip Blank	AK101	Gasoline Range Organics (C6-C10)	ND	mg/L	0.05	0.02	
		SW8260B	Benzene	ND	mg/L	0.0005	0.00011	
			Ethylbenzene	ND	mg/L	0.0005	0.00013	
			o-Xylene	ND	mg/L	0.0005	0.000079	
			Toluene	0.00011	mg/L	0.0005	0.000098	VJ
			Xylene, Isomers m & p	ND	mg/L	0.0005	0.00022	

Key:

- DRO - diesel range organics
- GRO - gasoline range organics
- mg/L - milligrams per liter
- ND - Not detected above method reporting limit
- VB - analyte present in the blank and the sample
- VJ - estimated value
- VLB - Result negatively biased.

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB001 Depth 15.5-17.5 ft. bgs	NE19	AK101	Gasoline Range Organics (C6-C10)	19	mg/Kg	2.7	2.2	
		AK102	Diesel Range Organics (C10-C25)	5000	mg/Kg	110	48	
		AK103	Residual Range Organics	39	mg/Kg	110	4.5	VJ
		D4129	Total Organic Carbon (TOC)	0.15	percent	0.05	0.02	
		E160.3M	Total Solids	94.7	percent	0	0	
		SW6020	Chromium	6.5	mg/Kg	0.21	0.01	
			Lead	50.5	mg/Kg	0.05	0.03	
			Zinc	57.6	mg/Kg	0.53	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0074	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0065	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0045	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0087	
		SW8260B	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0049	
			Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	ND	mg/Kg	0.027	0.011	
			o-Xylene	ND	mg/Kg	0.027	0.0083	
			Toluene	ND	mg/Kg	0.027	0.011	
		SW8270 SIM	Xylene, Isomers m & p	ND	mg/Kg	0.027	0.02	
			Acenaphthene	ND	mg/Kg	0.0053	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0053	0.00017	
			Anthracene	ND	mg/Kg	0.0053	0.00021	
			Benzo(a)anthracene	0.00051	mg/Kg	0.0053	0.00014	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0053	0.00015	
			Benzo(b)fluoranthene	0.0007	mg/Kg	0.0053	0.00015	VJ
			Benzo(g,h,i)perylene	0.00026	mg/Kg	0.0053	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0053	0.00016	
			Chrysene	0.001	mg/Kg	0.0053	0.00016	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0053	0.0002	
			Fluoranthene	ND	mg/Kg	0.0053	0.00018	
			Fluorene	ND	mg/Kg	0.0053	0.00018	
			Indeno(1,2,3-cd)pyrene	0.00024	mg/Kg	0.0053	0.00016	VJ
			Naphthalene	0.0022	mg/Kg	0.0053	0.00023	VJ
			Phenanthrene	ND	mg/Kg	0.0053	0.00016	
			Pyrene	0.0043	mg/Kg	0.0053	0.00012	VJ
02NE88SB002 Depth 17.5-20.0 ft bgs	NE19	AK101	Gasoline Range Organics (C6-C10)	4.9	mg/Kg	2.7	2.1	
		AK102	Diesel Range Organics (C10-C25)	1400	mg/Kg	11	4.7	
		AK103	Residual Range Organics	16	mg/Kg	110	4.4	VJ
		D4129	Total Organic Carbon (TOC)	0.13	percent	0.05	0.02	
		E160.3M	Total Solids	96.1	percent	0	0	
		SW6020	Chromium	4.38	mg/Kg	0.21	0.01	
			Lead	37.7	mg/Kg	0.05	0.03	
			Zinc	54.5	mg/Kg	0.52	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.042	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0073	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0064	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0044	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0086	
		SW8260B	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0048	
			Benzene	ND	mg/Kg	0.011	0.011	
			Ethylbenzene	ND	mg/Kg	0.025	0.011	
			o-Xylene	ND	mg/Kg	0.025	0.0082	
			Toluene	ND	mg/Kg	0.025	0.011	
		SW8270 SIM	Xylene, Isomers m & p	ND	mg/Kg	0.025	0.02	
			Acenaphthene	ND	mg/Kg	0.0052	0.00022	
			Acenaphthylene	ND	mg/Kg	0.0052	0.00017	
			Anthracene	ND	mg/Kg	0.0052	0.0002	
			Benzo(a)anthracene	ND	mg/Kg	0.0052	0.00014	
			Benzo(a)pyrene	ND	mg/Kg	0.0052	0.00015	
			Benzo(b)fluoranthene	0.00031	mg/Kg	0.0052	0.00015	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0052	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0052	0.00016	
			Chrysene	0.00066	mg/Kg	0.0052	0.00016	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0052	0.00019	
			Fluoranthene	ND	mg/Kg	0.0052	0.00018	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB002 Depth 17.5-20.0 ft bgs	NE19	SW8270 SIM	Fluorene	ND	mg/Kg	0.0052	0.00018	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0052	0.00016	
			Naphthalene	0.00038	mg/Kg	0.0052	0.00022	VJ
			Phenanthrene	ND	mg/Kg	0.0052	0.00016	
			Pyrene	0.0022	mg/Kg	0.0052	0.00012	VJ
02NE88SB003 Depth 8-10 ft bgs	NE19	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	3	2.3	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	12	5.2	
		AK103	Residual Range Organics	6	mg/Kg	120	4.9	VJ
		D4129	Total Organic Carbon (TOC)	0.19	percent	0.05	0.02	
		E160.3M	Total Solids	87.5	percent	0	0	
		SW6020	Chromium	16.1	mg/Kg	0.23	0.01	
			Lead	24.4	mg/Kg	0.06	0.03	
			Zinc	55.2	mg/Kg	0.57	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.046	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.23	0.008	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.019	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.007	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.0048	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0094	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0053	
		SW8260B	Benzene	ND	mg/Kg	0.014	0.012	
			Ethylbenzene	ND	mg/Kg	0.035	0.012	
			o-Xylene	ND	mg/Kg	0.035	0.009	
			Toluene	ND	mg/Kg	0.035	0.012	
			Xylene, Isomers m & p	ND	mg/Kg	0.035	0.022	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0058	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0058	0.00019	
			Anthracene	ND	mg/Kg	0.0058	0.00022	
			Benzo(a)anthracene	ND	mg/Kg	0.0058	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0058	0.00016	
			Benzo(b)fluoranthene	0.00045	mg/Kg	0.0058	0.00016	VJ
			Benzo(g,h,i)perylene	0.00065	mg/Kg	0.0058	0.00012	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0058	0.00018	
			Chrysene	ND	mg/Kg	0.0058	0.00018	
			Dibenzo(a,h)anthracene	0.00048	mg/Kg	0.0058	0.00021	VJ
			Fluoranthene	ND	mg/Kg	0.0058	0.0002	
			Fluorene	ND	mg/Kg	0.0058	0.0002	
			Indeno(1,2,3-cd)pyrene	0.00048	mg/Kg	0.0058	0.00018	VJ
			Naphthalene	0.001	mg/Kg	0.0058	0.00024	VJ
			Phenanthrene	0.00026	mg/Kg	0.0058	0.00018	VJ
			Pyrene	ND	mg/Kg	0.0058	0.00013	
02NE88SB004 Depth 10-12 ft bgs	NE19	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	3.6	2.2	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	11	4.8	
		AK103	Residual Range Organics	7.1	mg/Kg	110	4.5	VJ
		D4129	Total Organic Carbon (TOC)	0.18	percent	0.05	0.02	
		E160.3M	Total Solids	94.4	percent	0	0	
		SW6020	Chromium	8	mg/Kg	0.21	0.01	
			Lead	14.9	mg/Kg	0.05	0.03	
			Zinc	36.1	mg/Kg	0.53	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0075	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0065	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0045	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0087	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0049	
		SW8260B	Benzene	ND	mg/Kg	0.015	0.012	
			Ethylbenzene	ND	mg/Kg	0.037	0.011	
			o-Xylene	ND	mg/Kg	0.037	0.0084	
			Toluene	ND	mg/Kg	0.037	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.037	0.02	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0053	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0053	0.00017	
			Anthracene	ND	mg/Kg	0.0053	0.00021	
			Benzo(a)anthracene	ND	mg/Kg	0.0053	0.00014	
			Benzo(a)pyrene	ND	mg/Kg	0.0053	0.00015	
			Benzo(b)fluoranthene	0.0003	mg/Kg	0.0053	0.00015	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB004 Depth 10-12 ft bgs	NE19	SW8270 SIM	Benzo(g,h,i)perylene	ND	mg/Kg	0.0053	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0053	0.00016	
			Chrysene	ND	mg/Kg	0.0053	0.00016	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0053	0.0002	
			Fluoranthene	ND	mg/Kg	0.0053	0.00019	
			Fluorene	ND	mg/Kg	0.0053	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0053	0.00016	
			Naphthalene	0.00056	mg/Kg	0.0053	0.00023	VJ
			Phenanthrene	ND	mg/Kg	0.0053	0.00016	
			Pyrene	ND	mg/Kg	0.0053	0.00012	
02NE88SB005 Depth 4-6 ft bgs	NE19	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	6	2.4	
		AK102	Diesel Range Organics (C10-C25)	7.6	mg/Kg	12	5.4	VJ
		AK103	Residual Range Organics	120	mg/Kg	120	5.1	VJ
		D4129	Total Organic Carbon (TOC)	0.82	percent	0.05	0.02	
		E160.3M	Total Solids	84.1	percent	0	0	
		SW6020	Chromium	22.3	mg/Kg	0.24	0.01	
			Lead	15.1	mg/Kg	0.06	0.04	
			Zinc	45.9	mg/Kg	0.6	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.048	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.24	0.0084	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.02	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.0073	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.005	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0098	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0055	
		SW8260B	Benzene	ND	mg/Kg	0.023	0.013	
			Ethylbenzene	ND	mg/Kg	0.058	0.012	
			o-Xylene	ND	mg/Kg	0.058	0.0094	
			Toluene	ND	mg/Kg	0.058	0.012	
		SW8270 SIM	Xylene, Isomers m & p	ND	mg/Kg	0.058	0.023	
			Acenaphthene	ND	mg/Kg	0.006	0.00025	
			Acenaphthylene	ND	mg/Kg	0.006	0.0002	
			Anthracene	ND	mg/Kg	0.006	0.00023	
			Benzo(a)anthracene	ND	mg/Kg	0.006	0.00016	
			Benzo(a)pyrene	ND	mg/Kg	0.006	0.00017	
			Benzo(b)fluoranthene	0.00032	mg/Kg	0.006	0.00017	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.006	0.00012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.006	0.00018	
			Chrysene	0.00032	mg/Kg	0.006	0.00018	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.006	0.00022	
			Fluoranthene	ND	mg/Kg	0.006	0.00021	
			Fluorene	ND	mg/Kg	0.006	0.00021	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.006	0.00018	
			Naphthalene	0.00081	mg/Kg	0.006	0.00025	VJ
			Phenanthrene	0.00051	mg/Kg	0.006	0.00018	VJ
			Pyrene	0.00017	mg/Kg	0.006	0.00014	VJ
02NE88SB006 Depth 16-18 ft bgs	NE19	AK101	Gasoline Range Organics (C6-C10)	51	mg/Kg	5.4	2.2	
		AK102	Diesel Range Organics (C10-C25)	3700	mg/Kg	11	5	
		AK103	Residual Range Organics	24	mg/Kg	110	4.6	VJ
		D4129	Total Organic Carbon (TOC)	0.16	percent	0.05	0.02	
		E160.3M	Total Solids	91.7	percent	0	0	
		SW6020	Chromium	13.1	mg/Kg	0.22	0.01	
			Lead	26.2	mg/Kg	0.05	0.03	VJ
			Zinc	52.8	mg/Kg	0.55	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.021	0.012	
			Ethylbenzene	0.34	mg/Kg	0.051	0.011	VJ
			o-Xylene	ND	mg/Kg	0.051	0.0086	
			Toluene	ND	mg/Kg	0.051	0.011	
		SW8270 SIM	Xylene, Isomers m & p	0.31	mg/Kg	0.051	0.021	VJ
			Acenaphthene	0.15	mg/Kg	0.0055	0.00023	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB006 Depth 16-18 ft bgs	NE19	SW8270 SIM	Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.034	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	0.0011	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00074	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.0027	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.0041	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.36	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	1.5	mg/Kg	0.055	0.0023	
			Phenanthrene	0.46	mg/Kg	0.0055	0.00017	
			Pyrene	0.011	mg/Kg	0.0055	0.00012	
02NE88SB206 (FD of SB006)	NE19		Gasoline Range Organics (C6-C10)					
		AK101		41	mg/Kg	6.1	2.5	
		AK102	Diesel Range Organics (C10-C25)	2900	mg/Kg	11	5	
		AK103	Residual Range Organics	23	mg/Kg	110	4.7	VJ
		D4129	Total Organic Carbon (TOC)	0.15	percent	0.05	0.02	
		E160.3M	Total Solids	90.6	percent	0	0	
		SW6020	Chromium	10.8	mg/Kg	0.22	0.01	
			Lead	61.1	mg/Kg	0.06	0.03	
			Zinc	55.9	mg/Kg	0.55	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.045	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0078	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0068	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0091	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.021	0.012	
			Ethylbenzene	0.092	mg/Kg	0.053	0.011	
			o-Xylene	ND	mg/Kg	0.053	0.0087	
			Toluene	ND	mg/Kg	0.053	0.011	
		SW8270 SIM	Xylene, Isomers m & p	0.094	mg/Kg	0.053	0.021	
			Acenaphthene	0.13	mg/Kg	0.0056	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0056	0.00018	
			Anthracene	0.029	mg/Kg	0.0056	0.00021	
			Benzo(a)anthracene	0.0011	mg/Kg	0.0056	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0056	0.00016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0056	0.00016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0056	0.00012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0056	0.00017	
			Chrysene	0.0027	mg/Kg	0.0056	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0056	0.0002	
			Fluoranthene	0.004	mg/Kg	0.0056	0.00019	VJ
			Fluorene	0.33	mg/Kg	0.0056	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0056	0.00017	
			Naphthalene	1	mg/Kg	0.056	0.0024	
			Phenanthrene	0.43	mg/Kg	0.0056	0.00017	
			Pyrene	0.01	mg/Kg	0.0056	0.00013	
02NE88SB007 Depth 9-11 ft bgs	NE27	AK101	Gasoline Range Organics (C6-C10)	44	mg/Kg	6.7	2.8	
		AK102	Diesel Range Organics (C10-C25)	12000	mg/Kg	140	62	
		AK103	Residual Range Organics	3700	mg/Kg	1400	58	
		D4129	Total Organic Carbon (TOC)	15.3	percent	0.05	0.02	
		E160.3M	Total Solids	73.7	percent	0	0	
		SW6020	Chromium	17.3	mg/Kg	0.23	0.01	
			Lead	11	mg/Kg	0.06	0.03	
			Zinc	17.3	mg/Kg	0.57	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.14	0.055	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.27	0.0095	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.14	0.022	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.14	0.0083	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.14	0.0057	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.14	0.012	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.14	0.0063	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB007 Depth 9-11 ft bgs	NE27	SW8260B	Benzene	0.047	mg/Kg	0.027	0.015	
			Ethylbenzene	0.54	mg/Kg	0.066	0.014	
			o-Xylene	0.89	mg/Kg	0.066	0.011	
			Toluene	0.083	mg/Kg	0.066	0.014	
			Xylene, Isomers m & p	1.6	mg/Kg	0.066	0.026	
		SW8270 SIM	Acenaphthene	0.29	mg/Kg	0.034	0.0015	VHB
			Acenaphthylene	ND	mg/Kg	0.034	0.0011	
			Anthracene	0.026	mg/Kg	0.034	0.0013	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.034	0.00089	
			Benzo(a)pyrene	ND	mg/Kg	0.034	0.00095	
			Benzo(b)fluoranthene	0.0044	mg/Kg	0.034	0.00095	VJ
			Benzo(g,h,i)perylene	0.00094	mg/Kg	0.034	0.00068	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.034	0.0011	
			Chrysene	0.0033	mg/Kg	0.034	0.0011	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.034	0.0013	
			Fluoranthene	0.0042	mg/Kg	0.034	0.0012	VJ
			Fluorene	0.8	mg/Kg	0.034	0.0012	VHB
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.034	0.0011	
			Naphthalene	5.9	mg/Kg	0.034	0.0015	VHB
			Phenanthrene	0.59	mg/Kg	0.034	0.0011	VHB
			Pyrene	0.01	mg/Kg	0.034	0.00075	VJ
02NE88SB008 Depth 11-13 ft bgs	NE27	AK101	Gasoline Range Organics (C6-C10)	54	mg/Kg	3.5	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	2600	mg/Kg	11	5	
		AK103	Residual Range Organics	16	mg/Kg	110	4.7	VJ
		D4129	Total Organic Carbon (TOC)	0.18	percent	0.05	0.02	
		E160.3M	Total Solids	91.6	percent	0	0	
		SW6020	Chromium	3.73	mg/Kg	0.22	0.01	
			Lead	87	mg/Kg	0.05	0.03	
			Zinc	56.2	mg/Kg	0.55	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.018	0.012	
			Ethylbenzene	0.57	mg/Kg	0.044	0.011	
			o-Xylene	0.01	mg/Kg	0.044	0.0086	VJ
			Toluene	ND	mg/Kg	0.044	0.011	
			Xylene, Isomers m & p	0.29	mg/Kg	0.044	0.021	
		SW8270 SIM	Acenaphthene	0.11	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.015	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	0.00065	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0055	0.00016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.0014	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.0017	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.26	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	2.3	mg/Kg	0.11	0.0046	
			Phenanthrene	0.28	mg/Kg	0.0055	0.00017	
			Pyrene	0.0047	mg/Kg	0.0055	0.00013	VJ
02NE88SB009 Depth 1-3 ft bgs	NE13	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	2.8	2.2	
		AK102	Diesel Range Organics (C10-C25)	380	mg/Kg	54	25	
		AK103	Residual Range Organics	3400	mg/Kg	540	23	
		D4129	Total Organic Carbon (TOC)	0.95	percent	0.05	0.02	
		E160.3M	Total Solids	92.9	percent	0	0	
		SW6020	Chromium	42.3	mg/Kg	0.22	0.01	
			Lead	42.4	mg/Kg	0.05	0.03	
			Zinc	92.6	mg/Kg	0.54	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0076	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB009 Depth 1-3 ft bgs	NE13	SW8082	PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0066	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0089	
			PCB-1260 (Aroclor 1260)	0.59	mg/Kg	0.11	0.005	
		SW8260B	Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	ND	mg/Kg	0.025	0.011	
			o-Xylene	ND	mg/Kg	0.025	0.0085	
			Toluene	ND	mg/Kg	0.025	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.025	0.021	
		SW8270 SIM	Acenaphthene	0.0043	mg/Kg	0.0054	0.00023	VJ
			Acenaphthylene	0.00055	mg/Kg	0.0054	0.00018	VJ
			Anthracene	0.0054	mg/Kg	0.0054	0.00021	
			Benzo(a)anthracene	0.03	mg/Kg	0.0054	0.00014	
			Benzo(a)pyrene	0.028	mg/Kg	0.0054	0.00016	
			Benzo(b)fluoranthene	0.039	mg/Kg	0.0054	0.00016	
			Benzo(g,h,i)perylene	0.018	mg/Kg	0.0054	0.00011	
			Benzo(k)fluoranthene	0.023	mg/Kg	0.0054	0.00017	
			Chrysene	0.087	mg/Kg	0.0054	0.00017	
			Dibenzo(a,h)anthracene	0.0043	mg/Kg	0.0054	0.0002	VJ
			Fluoranthene	0.073	mg/Kg	0.0054	0.00019	
			Fluorene	0.0045	mg/Kg	0.0054	0.00019	VJ
			Indeno(1,2,3-cd)pyrene	0.016	mg/Kg	0.0054	0.00017	
			Naphthalene	0.0041	mg/Kg	0.0054	0.00023	VJ
			Phenanthrene	0.056	mg/Kg	0.0054	0.00017	
			Pyrene	0.08	mg/Kg	0.0054	0.00012	
02NE88SB010 Depth 11-13 ft bgs	NE13	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4	2.3	
		AK102	Diesel Range Organics (C10-C25)	21	mg/Kg	11	5.1	
		AK103	Residual Range Organics	25	mg/Kg	110	4.7	VJ
		D4129	Total Organic Carbon (TOC)	0.61	percent	0.05	0.02	
		E160.3M	Total Solids	90	percent	0	0	
		SW6020	Chromium	4.5	mg/Kg	0.22	0.01	
			Lead	13.1	mg/Kg	0.06	0.03	
			Zinc	20.1	mg/Kg	0.56	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.045	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0078	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0068	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0092	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0052	
		SW8260B	Benzene	ND	mg/Kg	0.014	0.012	
			Ethylbenzene	ND	mg/Kg	0.034	0.011	
			o-Xylene	ND	mg/Kg	0.034	0.0088	
			Toluene	ND	mg/Kg	0.034	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.034	0.021	
		SW8270 SIM	Acenaphthene	0.0006	mg/Kg	0.0056	0.00024	VJ
			Acenaphthylene	ND	mg/Kg	0.0056	0.00018	
			Anthracene	ND	mg/Kg	0.0056	0.00022	
			Benzo(a)anthracene	ND	mg/Kg	0.0056	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0056	0.00016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0056	0.00016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0056	0.00012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0056	0.00017	
			Chrysene	ND	mg/Kg	0.0056	0.00017	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0056	0.0002	
			Fluoranthene	ND	mg/Kg	0.0056	0.00019	
			Fluorene	0.0021	mg/Kg	0.0056	0.00019	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0056	0.00017	
			Naphthalene	0.0037	mg/Kg	0.0056	0.00024	VJ
			Phenanthrene	0.00081	mg/Kg	0.0056	0.00017	VJ
			Pyrene	ND	mg/Kg	0.0056	0.00013	
02NE88SB011 Depth 7-9 ft bgs	NE13	AK101	Gasoline Range Organics (C6-C10)	130	mg/Kg	3.3	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	3100	mg/Kg	11	5	
		AK103	Residual Range Organics	23	mg/Kg	110	4.7	VJ
		D4129	Total Organic Carbon (TOC)	0.16	percent	0.05	0.02	
		E160.3M	Total Solids	91.1	percent	0	0	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB011 Depth 7-9 ft bgs	NE13	SW6020	Chromium	12.8	mg/Kg	0.22	0.01	
			Lead	13.9	mg/Kg	0.05	0.03	
			Zinc	34.1	mg/Kg	0.55	0.07	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0091	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	0.36	mg/Kg	0.026	0.011	
			o-Xylene	0.044	mg/Kg	0.026	0.0087	
			Toluene	ND	mg/Kg	0.026	0.011	
			Xylene, Isomers m & p	0.44	mg/Kg	0.026	0.021	
		SW8270 SIM	Acenaphthene	0.1	mg/Kg	0.0055	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.0035	mg/Kg	0.0055	0.00021	VJ
			Benzo(a)anthracene	0.00023	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.0005	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.00064	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.0008	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.23	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	4.1	mg/Kg	0.28	0.012	
			Phenanthrene	0.11	mg/Kg	0.0055	0.00017	
			Pyrene	0.0022	mg/Kg	0.0055	0.00013	VJ
02NE88SB012 Depth 11-13 ft bgs	NE13	AK101	Gasoline Range Organics (C6-C10)	83	mg/Kg	3	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	1200	mg/Kg	11	4.9	
		AK103	Residual Range Organics	30	mg/Kg	110	4.6	VJ
		D4129	Total Organic Carbon (TOC)	0.11	percent	0.05	0.02	
		E160.3M	Total Solids	92.4	percent	0	0	
		SW6020	Chromium	8.3	mg/Kg	0.22	0.01	
			Lead	14	mg/Kg	0.05	0.03	
			Zinc	33.4	mg/Kg	0.54	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0076	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0089	
			PCB-1260 (Aroclor 1260)	0.0097	mg/Kg	0.11	0.005	VJ
		SW8260B	Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	0.11	mg/Kg	0.028	0.011	
			o-Xylene	0.013	mg/Kg	0.028	0.0085	VJ
			Toluene	ND	mg/Kg	0.028	0.011	
			Xylene, Isomers m & p	0.15	mg/Kg	0.028	0.021	
		SW8270 SIM	Acenaphthene	0.052	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.0025	mg/Kg	0.0055	0.00021	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.0055	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00089	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	ND	mg/Kg	0.0055	0.00017	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.00044	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.17	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	1.1	mg/Kg	0.055	0.0023	
			Phenanthrene	0.063	mg/Kg	0.0055	0.00017	
			Pyrene	0.0015	mg/Kg	0.0055	0.00012	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB013 Depth 7-9 ft bgs	NE13	AK101	Gasoline Range Organics (C6-C10)	140	mg/Kg	2.9	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	12000	mg/Kg	110	48	
		AK103	Residual Range Organics	55	mg/Kg	110	4.5	VJ
		D4129	Total Organic Carbon (TOC)	0.16	percent	0.05	0.02	
		E160.3M	Total Solids	94.7	percent	0	0	
		SW6020	Chromium	17	mg/Kg	0.21	0.01	
			Lead	17.6	mg/Kg	0.05	0.03	
			Zinc	42.4	mg/Kg	0.53	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0074	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0065	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0045	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0087	
		SW8260B	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0049	
			Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	1	mg/Kg	0.027	0.011	
			o-Xylene	0.13	mg/Kg	0.027	0.0083	
			Toluene	ND	mg/Kg	0.027	0.011	
		SW8270 SIM	Xylene, Isomers m & p	1.5	mg/Kg	0.027	0.02	
			Acenaphthene	0.18	mg/Kg	0.0053	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0053	0.00017	
			Anthracene	0.0097	mg/Kg	0.0053	0.00021	
			Benzo(a)anthracene	0.00077	mg/Kg	0.0053	0.00014	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0053	0.00015	
			Benzo(b)fluoranthene	0.00045	mg/Kg	0.0053	0.00015	VJ
			Benzo(g,h,i)perylene	0.0002	mg/Kg	0.0053	0.00011	VJ
			Benzo(k)fluoranthene	0.00018	mg/Kg	0.0053	0.00016	VJ
			Chrysene	0.0015	mg/Kg	0.0053	0.00016	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0053	0.0002	
			Fluoranthene	0.0019	mg/Kg	0.0053	0.00018	VJ
			Fluorene	0.52	mg/Kg	0.0053	0.00018	
			Indeno(1,2,3-cd)pyrene	0.00017	mg/Kg	0.0053	0.00016	VJ
			Naphthalene	7.9	mg/Kg	0.27	0.012	
			Phenanthrene	0.26	mg/Kg	0.0053	0.00016	
			Pyrene	0.0048	mg/Kg	0.0053	0.00012	VJ
02NE88SB014 Depth 11-13 ft bgs	NE13	AK101	Gasoline Range Organics (C6-C10)	130	mg/Kg	2.4	2.1	VHB
		AK102	Diesel Range Organics (C10-C25)	9200	mg/Kg	110	48	
		AK103	Residual Range Organics	54	mg/Kg	110	4.4	VJ
		D4129	Total Organic Carbon (TOC)	0.14	percent	0.05	0.02	
		E160.3M	Total Solids	96	percent	0	0	
		SW6020	Chromium	11.6	mg/Kg	0.21	0.01	
			Lead	19.3	mg/Kg	0.05	0.03	
			Zinc	37.9	mg/Kg	0.52	0.06	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.042	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0073	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0064	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0044	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0086	
		SW8260B	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0048	
			Benzene	ND	mg/Kg	0.011	0.011	
			Ethylbenzene	1.2	mg/Kg	0.026	0.011	
			o-Xylene	0.38	mg/Kg	0.026	0.0082	
			Toluene	ND	mg/Kg	0.026	0.011	
		SW8270 SIM	Xylene, Isomers m & p	2.2	mg/Kg	0.026	0.02	
			Acenaphthene	0.18	mg/Kg	0.0053	0.00022	
			Acenaphthylene	ND	mg/Kg	0.0053	0.00017	
			Anthracene	0.0094	mg/Kg	0.0053	0.0002	
			Benzo(a)anthracene	0.00076	mg/Kg	0.0053	0.00014	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0053	0.00015	
			Benzo(b)fluoranthene	0.00094	mg/Kg	0.0053	0.00015	VJ
			Benzo(g,h,i)perylene	0.00015	mg/Kg	0.0053	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0053	0.00016	
			Chrysene	0.0015	mg/Kg	0.0053	0.00016	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0053	0.00019	
			Fluoranthene	0.0019	mg/Kg	0.0053	0.00018	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB014 Depth 11-13 ft bgs	NE13	SW8270 SIM	Fluorene	0.51	mg/Kg	0.0053	0.00018	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0053	0.00016	
			Naphthalene	8.4	mg/Kg	0.27	0.011	
			Phenanthrene	0.25	mg/Kg	0.0053	0.00016	
			Pyrene	0.0043	mg/Kg	0.0053	0.00012	VJ
02NE88SB015 Depth 10-12 ft bgs	NE13	AK101	Gasoline Range Organics (C6-C10)	68	mg/Kg	4.5	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	5200	mg/Kg	110	50	
		AK103	Residual Range Organics	11	mg/Kg	110	4.7	VJ
		E160.3M	Total Solids	91.6	percent	0	0	
		SW6020	Chromium	9.63	mg/Kg	1.09	0.05	
			Lead	13.4	mg/Kg	0.27	0.16	
			Zinc	40.7	mg/Kg	2.73	0.33	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	0.0065	mg/Kg	0.11	0.0051	VJ
		SW8260B	Benzene	ND	mg/Kg	0.018	0.012	
			Ethylbenzene	0.13	mg/Kg	0.044	0.011	
			o-Xylene	ND	mg/Kg	0.044	0.0086	
			Toluene	ND	mg/Kg	0.044	0.011	
			Xylene, Isomers m & p	0.17	mg/Kg	0.044	0.021	
		SW8270 SIM	Acenaphthene	0.21	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.0086	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	0.00038	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00034	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	0.00025	mg/Kg	0.0055	0.00011	VJ
			Benzo(k)fluoranthene	0.00017	mg/Kg	0.0055	0.00017	VJ
			Chrysene	0.00087	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.0012	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.69	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	0.0002	mg/Kg	0.0055	0.00017	VJ
			Naphthalene	3.3	mg/Kg	0.28	0.012	
			Phenanthrene	0.24	mg/Kg	0.0055	0.00017	
			Pyrene	0.0023	mg/Kg	0.0055	0.00013	VJ
		SW9060	Total Organic Carbon (TOC)	0.15	percent	0.05	0.02	
02NE88SB016 Depth 14-16 ft bgs	NE13	AK101	Gasoline Range Organics (C6-C10)	73	mg/Kg	4.7	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	2300	mg/Kg	11	4.9	
		AK103	Residual Range Organics	7.4	mg/Kg	110	4.6	VJ
		E160.3M	Total Solids	92.5	percent	0	0	
		SW6020	Chromium	8.34	mg/Kg	1.08	0.05	
			Lead	19.2	mg/Kg	0.27	0.16	
			Zinc	39.4	mg/Kg	2.7	0.32	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0076	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0066	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0089	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.005	
		SW8260B	Benzene	ND	mg/Kg	0.018	0.012	
			Ethylbenzene	0.21	mg/Kg	0.045	0.011	
			o-Xylene	ND	mg/Kg	0.045	0.0085	
			Toluene	ND	mg/Kg	0.045	0.011	
			Xylene, Isomers m & p	0.18	mg/Kg	0.045	0.021	
		SW8270 SIM	Acenaphthene	0.11	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.0035	mg/Kg	0.0055	0.00021	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.0055	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00032	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	

**Summary of Soil Results Site 88
2002 Sampling Event**

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB016 Depth 14-16 ft bgs	NE13	SW8270 SIM	Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.00042	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.00048	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.35	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	2.3	mg/Kg	0.28	0.012	
			Phenanthrene	0.12	mg/Kg	0.0055	0.00017	
			Pyrene	0.00095	mg/Kg	0.0055	0.00012	VJ
		SW9060	Total Organic Carbon (TOC)	0.16	percent	0.05	0.02	
02NE88SB017 Depth 8-10 ft bgs	NE19	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	3.5	2.1	
		AK102	Diesel Range Organics (C10-C25)	7	mg/Kg	11	4.7	VJ
		AK103	Residual Range Organics	8.7	mg/Kg	110	4.4	VJ
		E160.3M	Total Solids	97.2	percent	0	0	
		SW6020	Chromium	7.04	mg/Kg	1.03	0.05	
			Lead	14.4	mg/Kg	0.26	0.15	
			Zinc	38.2	mg/Kg	2.57	0.31	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.042	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0073	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0063	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0044	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0085	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0048	
		SW8260B	Benzene	ND	mg/Kg	0.015	0.011	
			Ethylbenzene	ND	mg/Kg	0.036	0.011	
			o-Xylene	ND	mg/Kg	0.036	0.0081	
			Toluene	ND	mg/Kg	0.036	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.036	0.02	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0052	0.00022	
			Acenaphthylene	ND	mg/Kg	0.0052	0.00017	
			Anthracene	ND	mg/Kg	0.0052	0.0002	
			Benzo(a)anthracene	ND	mg/Kg	0.0052	0.00014	
			Benzo(a)pyrene	ND	mg/Kg	0.0052	0.00015	
			Benzo(b)fluoranthene	0.00023	mg/Kg	0.0052	0.00015	VJ
			Benzo(g,h,i)perylene	0.00014	mg/Kg	0.0052	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0052	0.00016	
			Chrysene	0.00018	mg/Kg	0.0052	0.00016	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0052	0.00019	
			Fluoranthene	ND	mg/Kg	0.0052	0.00018	
			Fluorene	ND	mg/Kg	0.0052	0.00018	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0052	0.00016	
			Naphthalene	0.00045	mg/Kg	0.0052	0.00022	VJ
			Phenanthrene	0.0004	mg/Kg	0.0052	0.00016	VJ
			Pyrene	ND	mg/Kg	0.0052	0.00012	
		SW9060	Total Organic Carbon (TOC)	0.09	percent	0.05	0.02	
02NE88SB018 Depth 20-22 ft bgs	NE19	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.8	2.2	
		AK102	Diesel Range Organics (C10-C25)	7.6	mg/Kg	11	5	VJ
		AK103	Residual Range Organics	12	mg/Kg	110	4.6	VJ
		E160.3M	Total Solids	91.7	percent	0	0	
		SW6020	Chromium	12.5	mg/Kg	1.09	0.05	
			Lead	17.8	mg/Kg	0.27	0.16	
			Zinc	48.4	mg/Kg	2.73	0.33	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.016	0.012	
			Ethylbenzene	ND	mg/Kg	0.038	0.011	
			o-Xylene	ND	mg/Kg	0.038	0.0086	
			Toluene	ND	mg/Kg	0.038	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.038	0.021	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB018 Depth 20-22 ft bgs	NE19	SW8270 SIM	Anthracene	ND	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	ND	mg/Kg	0.0055	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00034	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.00032	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	ND	mg/Kg	0.0055	0.00019	
			Fluorene	0.00022	mg/Kg	0.0055	0.00019	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	0.0019	mg/Kg	0.0055	0.00023	VJ
			Phenanthrene	0.00068	mg/Kg	0.0055	0.00017	VJ
			Pyrene	0.00014	mg/Kg	0.0055	0.00012	VJ
			Total Organic Carbon (TOC)	0.11	percent	0.05	0.02	
02NE88SB019 Depth 22-24 ft bgs	NE20	AK101	Gasoline Range Organics (C6-C10)	31	mg/Kg	3.5	2.2	
		AK102	Diesel Range Organics (C10-C25)	1400	mg/Kg	11	4.9	
		AK103	Residual Range Organics	ND	mg/Kg	110	4.6	
		E160.3M	Total Solids	93.1	percent	0	0	
		SW6020	Chromium	10	mg/Kg	1.07	0.05	
			Lead	43.7	mg/Kg	0.27	0.16	
			Zinc	92.4	mg/Kg	2.69	0.32	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0076	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0066	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0089	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.005	
		SW8260B	Benzene	ND	mg/Kg	0.015	0.012	
			Ethylbenzene	0.018	mg/Kg	0.038	0.011	VJ
			o-Xylene	ND	mg/Kg	0.038	0.0085	
			Toluene	ND	mg/Kg	0.038	0.011	
		SW8270 SIM	Xylene, Isomers m & p	ND	mg/Kg	0.038	0.02	
			Acenaphthene	0.045	mg/Kg	0.0054	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0054	0.00018	
			Anthracene	0.0021	mg/Kg	0.0054	0.00021	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.0054	0.00014	
			Benzo(a)pyrene	ND	mg/Kg	0.0054	0.00016	
			Benzo(b)fluoranthene	0.00018	mg/Kg	0.0054	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0054	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0054	0.00017	
			Chrysene	0.00035	mg/Kg	0.0054	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0054	0.0002	
			Fluoranthene	0.00019	mg/Kg	0.0054	0.00019	VJ
			Fluorene	0.16	mg/Kg	0.0054	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0054	0.00017	
			Naphthalene	0.48	mg/Kg	0.0054	0.00023	
			Phenanthrene	0.05	mg/Kg	0.0054	0.00017	
			Pyrene	0.00062	mg/Kg	0.0054	0.00012	VJ
			Total Organic Carbon (TOC)	0.1	percent	0.05	0.02	
02NE88SB020 Depth 24-26 ft bgs	NE20	AK101	Gasoline Range Organics (C6-C10)	19	mg/Kg	4.4	2.2	
		AK102	Diesel Range Organics (C10-C25)	750	mg/Kg	11	4.9	
		AK103	Residual Range Organics	ND	mg/Kg	110	4.6	
		E160.3M	Total Solids	92.8	percent	0	0	
		SW6020	Chromium	4.8	mg/Kg	1.08	0.05	
			Lead	60.5	mg/Kg	0.27	0.16	
			Zinc	87.4	mg/Kg	2.69	0.32	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0076	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0066	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0089	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.005	
		SW8260B	Benzene	ND	mg/Kg	0.015	0.012	
			Ethylbenzene	ND	mg/Kg	0.038	0.011	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB020 Depth 24-26 ft bgs	NE20	SW8260B	o-Xylene	ND	mg/Kg	0.038	0.0085	
			Toluene	ND	mg/Kg	0.038	0.011	
		SW8270 SIM	Xylene, Isomers m & p	ND	mg/Kg	0.038	0.021	
			Acenaphthene	0.03	mg/Kg	0.0054	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0054	0.00018	
			Anthracene	0.0019	mg/Kg	0.0054	0.00021	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.0054	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0054	0.00016	
			Benzo(b)fluoranthene	0.0003	mg/Kg	0.0054	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0054	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0054	0.00017	
			Chrysene	0.00023	mg/Kg	0.0054	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0054	0.0002	
			Fluoranthene	0.00028	mg/Kg	0.0054	0.00019	VJ
			Fluorene	0.12	mg/Kg	0.0054	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0054	0.00017	
			Naphthalene	0.11	mg/Kg	0.0054	0.00023	
			Phenanthrene	0.047	mg/Kg	0.0054	0.00017	
			Pyrene	0.0005	mg/Kg	0.0054	0.00012	VJ
		SW9060	Total Organic Carbon (TOC)	0.07	percent	0.05	0.02	
02NE88SB021 Depth 3-5 ft bgs	NE27	AK101	Gasoline Range Organics (C6-C10)	70	mg/Kg	9	4	
		AK102	Diesel Range Organics (C10-C25)	13000	mg/Kg	390	180	
		AK103	Residual Range Organics	5100	mg/Kg	3900	170	
		D4129	Total Organic Carbon (TOC)	16.3	percent	0.05	0.02	
		E160.3M	Total Solids	50.8	percent	0	0	
		SW6020	Chromium	16.5	mg/Kg	0.39	0.02	
			Lead	13.4	mg/Kg	0.1	0.06	
			Zinc	44.3	mg/Kg	0.98	0.12	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.2	0.079	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.39	0.014	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.2	0.032	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.2	0.013	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.2	0.0083	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.2	0.017	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.2	0.0091	
		SW8260B	Benzene	0.12	mg/Kg	0.031	0.021	
			Ethylbenzene	1.3	mg/Kg	0.078	0.02	
			o-Xylene	2.7	mg/Kg	0.078	0.016	
			Toluene	3.2	mg/Kg	0.078	0.02	
			Xylene, Isomers m & p	5.1	mg/Kg	0.078	0.037	
		SW8270 SIM	Acenaphthene	0.18	mg/Kg	0.05	0.0021	
			Acenaphthylene	ND	mg/Kg	0.05	0.0016	
			Anthracene	0.012	mg/Kg	0.05	0.0019	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.05	0.0013	
			Benzo(a)pyrene	ND	mg/Kg	0.05	0.0014	
			Benzo(b)fluoranthene	0.0052	mg/Kg	0.05	0.0014	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.05	0.00099	
			Benzo(k)fluoranthene	ND	mg/Kg	0.05	0.0015	
			Chrysene	ND	mg/Kg	0.05	0.0015	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.05	0.0018	
			Fluoranthene	0.0029	mg/Kg	0.05	0.0017	VJ
			Fluorene	0.33	mg/Kg	0.05	0.0017	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.05	0.0015	
			Naphthalene	12	mg/Kg	0.5	0.021	
			Phenanthrene	0.21	mg/Kg	0.05	0.0015	
			Pyrene	0.0059	mg/Kg	0.05	0.0011	VJ
02NE88SB022 Depth 7-9 ft bgs	NE27	AK101	Gasoline Range Organics (C6-C10)	99	mg/Kg	8.1	4.4	
		AK102	Diesel Range Organics (C10-C25)	51000	mg/Kg	260	120	
		AK103	Residual Range Organics	6000	mg/Kg	2600	110	
		D4129	Total Organic Carbon (TOC)	14.9	percent	0.05	0.02	
		E160.3M	Total Solids	46.3	percent	0	0	
		SW6020	Chromium	23.7	mg/Kg	0.43	0.02	
			Lead	61.9	mg/Kg	0.11	0.06	
			Zinc	110	mg/Kg	1.08	0.13	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.22	0.087	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.43	0.016	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.22	0.035	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB022 Depth 7-9 ft bgs	NE27	SW8082	PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.22	0.014	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.22	0.0091	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.22	0.018	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.22	0.01	
		SW8260B	Benzene	0.19	mg/Kg	0.039	0.023	
			Ethylbenzene	2.8	mg/Kg	0.097	0.022	
			o-Xylene	6.2	mg/Kg	0.097	0.017	
			Toluene	4.5	mg/Kg	0.097	0.022	
		SW8270 SIM	Xylene, Isomers m & p	12	mg/Kg	0.097	0.041	
			Acenaphthene	2.6	mg/Kg	0.14	0.0057	VHB
			Acenaphthylene	ND	mg/Kg	0.14	0.0044	
			Anthracene	0.3	mg/Kg	0.14	0.0052	VHB
			Benzo(a)anthracene	0.006	mg/Kg	0.14	0.0036	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.14	0.0038	
			Benzo(b)fluoranthene	0.016	mg/Kg	0.14	0.0038	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.14	0.0027	
			Benzo(k)fluoranthene	ND	mg/Kg	0.14	0.0041	
			Chrysene	ND	mg/Kg	0.14	0.0041	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.14	0.0049	
			Fluoranthene	0.048	mg/Kg	0.14	0.0046	VJ
			Fluorene	6.9	mg/Kg	0.14	0.0046	VHB
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.14	0.0041	
			Naphthalene	81	mg/Kg	2.7	0.12	
			Phenanthrene	5.5	mg/Kg	0.14	0.0041	VHB
			Pyrene	0.12	mg/Kg	0.14	0.003	VJ
02NE88SB023 Depth 4-6 ft bgs	NE27	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	5.2	2.7	
		AK102	Diesel Range Organics (C10-C25)	190	mg/Kg	14	5.9	
		AK103	Residual Range Organics	1500	mg/Kg	140	5.6	
		E160.3M	Total Solids	76.6	percent	0	0	
		SW6020	Chromium	12.4	mg/Kg	1.09	0.05	
			Lead	8.45	mg/Kg	0.27	0.16	
			Zinc	30	mg/Kg	2.72	0.33	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.14	0.053	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.27	0.0092	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.14	0.021	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.14	0.008	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.14	0.0055	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.14	0.011	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.14	0.0061	
		SW8260B	Benzene	ND	mg/Kg	0.022	0.014	
			Ethylbenzene	ND	mg/Kg	0.054	0.013	
			o-Xylene	ND	mg/Kg	0.054	0.011	
			Toluene	ND	mg/Kg	0.054	0.013	
			Xylene, Isomers m & p	ND	mg/Kg	0.054	0.025	
		SW8270 SIM	Acenaphthene	0.00028	mg/Kg	0.0066	0.00028	VJ
			Acenaphthylene	ND	mg/Kg	0.0066	0.00021	
			Anthracene	0.00081	mg/Kg	0.0066	0.00025	VJ
			Benzo(a)anthracene	0.00027	mg/Kg	0.0066	0.00017	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0066	0.00019	
			Benzo(b)fluoranthene	0.00048	mg/Kg	0.0066	0.00019	VJ
			Benzo(g,h,i)perylene	0.0002	mg/Kg	0.0066	0.00014	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0066	0.0002	
			Chrysene	0.00067	mg/Kg	0.0066	0.0002	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0066	0.00024	
			Fluoranthene	0.00088	mg/Kg	0.0066	0.00023	VJ
			Fluorene	0.00068	mg/Kg	0.0066	0.00023	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0066	0.0002	
			Naphthalene	0.0045	mg/Kg	0.0066	0.00028	VJ
			Phenanthrene	0.0022	mg/Kg	0.0066	0.0002	VJ
			Pyrene	0.0008	mg/Kg	0.0066	0.00015	VJ
		SW9060	Total Organic Carbon (TOC)	8.09	percent	0.05	0.02	
02NE88SB024 Depth 10-12 ft bgs	NE27	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	3.8	2.2	
		AK102	Diesel Range Organics (C10-C25)	20	mg/Kg	11	4.9	
		AK103	Residual Range Organics	33	mg/Kg	110	4.6	VJ
		E160.3M	Total Solids	92.3	percent	0	0	
		SW6020	Chromium	9.62	mg/Kg	1.08	0.05	
			Lead	17.3	mg/Kg	0.27	0.16	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB024 Depth 10-12 ft bgs	NE27	SW6020	Zinc	44.5	mg/Kg	2.71	0.33	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0076	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0089	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.005	
		SW8260B	Benzene	ND	mg/Kg	0.017	0.012	
			Ethylbenzene	ND	mg/Kg	0.043	0.011	
			o-Xylene	ND	mg/Kg	0.043	0.0086	
			Toluene	ND	mg/Kg	0.043	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.043	0.021	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	ND	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	ND	mg/Kg	0.0055	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00027	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	ND	mg/Kg	0.0055	0.00017	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.00019	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.00051	mg/Kg	0.0055	0.00019	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	0.0011	mg/Kg	0.0055	0.00023	VJ
			Phenanthrene	0.00084	mg/Kg	0.0055	0.00017	VJ
			Pyrene	0.00017	mg/Kg	0.0055	0.00012	VJ
02NE88SB025 Depth 6-8 ft bgs	NE27	SW9060	Total Organic Carbon (TOC)	0.15	percent	0.05	0.02	
		AK101	Gasoline Range Organics (C6-C10)	11	mg/Kg	19	7.4	VJ
		AK102	Diesel Range Organics (C10-C25)	430	mg/Kg	40	18	
		AK103	Residual Range Organics	4600	mg/Kg	400	17	
		E160.3M	Total Solids	48.5	percent	0	0	
		SW6020	Chromium	16.5	mg/Kg	0.83	0.04	
			Lead	9.91	mg/Kg	0.21	0.12	
			Zinc	42	mg/Kg	2.06	0.25	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.21	0.083	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.42	0.015	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.21	0.033	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.21	0.013	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.21	0.0087	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.21	0.017	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.21	0.0095	
		SW8260B	Benzene	0.37	mg/Kg	0.069	0.036	
			Ethylbenzene	0.034	mg/Kg	0.18	0.034	VJ
			o-Xylene	0.071	mg/Kg	0.18	0.027	VJ
			Toluene	ND	mg/Kg	0.18	0.034	
			Xylene, Isomers m & p	0.19	mg/Kg	0.18	0.064	
		SW8270 SIM	Acenaphthene	0.0026	mg/Kg	0.021	0.00087	VJ
			Acenaphthylene	0.0011	mg/Kg	0.021	0.00066	VJ
			Anthracene	ND	mg/Kg	0.021	0.00079	
			Benzo(a)anthracene	ND	mg/Kg	0.021	0.00054	
			Benzo(a)pyrene	ND	mg/Kg	0.021	0.00058	
			Benzo(b)fluoranthene	0.021	mg/Kg	0.021	0.00058	VJ
			Benzo(g,h,i)perylene	0.0088	mg/Kg	0.021	0.00042	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.021	0.00062	
			Chrysene	ND	mg/Kg	0.021	0.00062	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.021	0.00075	
			Fluoranthene	0.0025	mg/Kg	0.021	0.00071	VJ
			Fluorene	0.006	mg/Kg	0.021	0.00071	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.021	0.00062	
			Naphthalene	0.042	mg/Kg	0.021	0.00087	
			Phenanthrene	0.0083	mg/Kg	0.021	0.00062	VJ
			Pyrene	0.0026	mg/Kg	0.021	0.00046	VJ
		SW9060	Total Organic Carbon (TOC)	16.5	percent	0.05	0.02	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB026 Depth 14-16 ft bgs	NE27	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	6.1	3.1	
		AK102	Diesel Range Organics (C10-C25)	77	mg/Kg	28	13	
		AK103	Residual Range Organics	420	mg/Kg	280	12	
		E160.3M	Total Solids	66.3	percent	0	0	
		SW6020	Chromium	14.3	mg/Kg	0.75	0.04	
			Lead	21.4	mg/Kg	0.19	0.11	
			Zinc	77.5	mg/Kg	1.89	0.23	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.15	0.061	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.3	0.011	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.15	0.025	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.15	0.0093	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.15	0.0064	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.15	0.013	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.15	0.007	
		SW8260B	Benzene	ND	mg/Kg	0.022	0.016	
			Ethylbenzene	ND	mg/Kg	0.054	0.015	
			o-Xylene	ND	mg/Kg	0.054	0.012	
			Toluene	ND	mg/Kg	0.054	0.015	
		SW8270 SIM	Xylene, isomers m & p	ND	mg/Kg	0.054	0.029	
			Acenaphthene	0.00037	mg/Kg	0.0076	0.00032	VJ
			Acenaphthylene	ND	mg/Kg	0.0076	0.00025	
			Anthracene	ND	mg/Kg	0.0076	0.00029	
			Benzo(a)anthracene	ND	mg/Kg	0.0076	0.0002	
			Benzo(a)pyrene	ND	mg/Kg	0.0076	0.00022	
			Benzo(b)fluoranthene	0.00057	mg/Kg	0.0076	0.00022	VJ
			Benzo(g,h,i)perylene	0.00021	mg/Kg	0.0076	0.00016	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0076	0.00023	
			Chrysene	0.0029	mg/Kg	0.0076	0.00023	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0076	0.00028	
			Fluoranthene	0.0004	mg/Kg	0.0076	0.00026	VJ
			Fluorene	0.00061	mg/Kg	0.0076	0.00026	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0076	0.00023	
			Naphthalene	0.0018	mg/Kg	0.0076	0.00032	VJ
			Phenanthrene	0.0027	mg/Kg	0.0076	0.00023	VJ
			Pyrene	0.0004	mg/Kg	0.0076	0.00017	VJ
		SW9060	Total Organic Carbon (TOC)	1.62	percent	0.05	0.02	
02NE88SB027 Depth 2-4 ft bgs	NE27	AK101	Gasoline Range Organics (C6-C10)	220	mg/Kg	5.4	2.5	VHB
		AK102	Diesel Range Organics (C10-C25)	47000	mg/Kg	250	110	
		AK103	Residual Range Organics	3000	mg/Kg	130	5.2	
		E160.3M	Total Solids	82.3	percent	0	0	
		SW6020	Chromium	22.7	mg/Kg	1.22	0.06	
			Lead	21.8	mg/Kg	0.3	0.18	
			Zinc	82.1	mg/Kg	3.04	0.37	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.049	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.25	0.0086	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.02	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0075	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0052	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.01	
			PCB-1260 (Aroclor 1260)	0.035	mg/Kg	0.13	0.0056	VJ
		SW8260B	Benzene	0.019	mg/Kg	0.017	0.013	
			Ethylbenzene	0.066	mg/Kg	0.041	0.012	
			o-Xylene	1.7	mg/Kg	0.041	0.0096	
			Toluene	0.036	mg/Kg	0.041	0.012	VJ
		SW8270 SIM	Xylene, isomers m & p	0.71	mg/Kg	0.041	0.023	
			Acenaphthene	1.3	mg/Kg	0.031	0.0013	
			Acenaphthylene	ND	mg/Kg	0.031	0.00098	
			Anthracene	0.12	mg/Kg	0.031	0.0012	
			Benzo(a)anthracene	0.012	mg/Kg	0.031	0.00079	VJ
			Benzo(a)pyrene	0.0032	mg/Kg	0.031	0.00086	VJ
			Benzo(b)fluoranthene	0.007	mg/Kg	0.031	0.00086	VJ
			Benzo(g,h,i)perylene	0.0016	mg/Kg	0.031	0.00061	VJ
			Benzo(k)fluoranthene	0.0033	mg/Kg	0.031	0.00092	VJ
			Chrysene	0.024	mg/Kg	0.031	0.00092	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.031	0.0011	
			Fluoranthene	0.033	mg/Kg	0.031	0.0011	
			Fluorene	3.9	mg/Kg	0.031	0.0011	
			Indeno(1,2,3-cd)pyrene	0.0018	mg/Kg	0.031	0.00092	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB027 Depth 2-4 ft bgs	NE27	SW8270 SIM	Naphthalene	79	mg/Kg	3.1	0.13	
			Phenanthrene	2.7	mg/Kg	0.031	0.00092	
			Pyrene	0.06	mg/Kg	0.031	0.00067	
		SW9060	Total Organic Carbon (TOC)	4.67	percent	0.05	0.02	
02NE88SB028 Depth 12-14 ft bgs	NE27	AK101	Gasoline Range Organics (C6-C10)	62	mg/Kg	4.5	2.8	
		AK102	Diesel Range Organics (C10-C25)	210	mg/Kg	25	12	
		AK103	Residual Range Organics	900	mg/Kg	250	11	
		E160.3M	Total Solids	72.4	percent	0	0	
		SW6020	Chromium	22.8	mg/Kg	1.15	0.06	
			Lead	11.6	mg/Kg	0.29	0.17	
			Zinc	59.9	mg/Kg	2.88	0.35	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.14	0.056	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.28	0.0097	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.14	0.023	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.14	0.0085	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.14	0.0059	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.14	0.012	
		SW8260B	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.14	0.0064	
			Benzene	0.024	mg/Kg	0.018	0.015	
			Ethylbenzene	0.19	mg/Kg	0.045	0.014	
			o-Xylene	1.7	mg/Kg	0.045	0.011	
			Toluene	1.4	mg/Kg	0.045	0.014	
		SW8270 SIM	Xylene, Isomers m & p	1.3	mg/Kg	0.045	0.026	
			Acenaphthene	0.012	mg/Kg	0.0069	0.0003	
			Acenaphthylene	ND	mg/Kg	0.0069	0.00023	
			Anthracene	0.00076	mg/Kg	0.0069	0.00027	VJ
			Benzo(a)anthracene	0.00032	mg/Kg	0.0069	0.00018	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0069	0.0002	
			Benzo(b)fluoranthene	0.0012	mg/Kg	0.0069	0.0002	VJ
			Benzo(g,h,i)perylene	0.00048	mg/Kg	0.0069	0.00014	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0069	0.00021	
			Chrysene	0.0029	mg/Kg	0.0069	0.00021	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0069	0.00025	
			Fluoranthene	0.00069	mg/Kg	0.0069	0.00024	VJ
			Fluorene	0.04	mg/Kg	0.0069	0.00024	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0069	0.00021	
			Naphthalene	0.41	mg/Kg	0.0069	0.0003	
			Phenanthrene	0.025	mg/Kg	0.0069	0.00021	
			Pyrene	0.001	mg/Kg	0.0069	0.00016	VJ
02NE88SB029 Depth 10-12 ft bgs	NE13	SW9060	Total Organic Carbon (TOC)	2.79	percent	0.05	0.02	
		AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.9	2.5	
		AK102	Diesel Range Organics (C10-C25)	33	mg/Kg	13	5.6	
		AK103	Residual Range Organics	150	mg/Kg	130	5.3	
		E160.3M	Total Solids	80.7	percent	0	0	
		SW6020	Chromium	23	mg/Kg	1.03	0.05	
			Lead	12	mg/Kg	0.26	0.16	
			Zinc	61.9	mg/Kg	2.58	0.31	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.05	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.25	0.0087	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.02	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0076	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0053	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.011	
		SW8260B	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.13	0.0058	
			Benzene	ND	mg/Kg	0.018	0.014	
			Ethylbenzene	ND	mg/Kg	0.044	0.013	
			o-Xylene	0.01	mg/Kg	0.044	0.0098	VJ
		SW8270 SIM	Toluene	ND	mg/Kg	0.044	0.013	
			Xylene, Isomers m & p	ND	mg/Kg	0.044	0.024	
			Acenaphthene	0.00038	mg/Kg	0.0062	0.00027	VJ
			Acenaphthylene	ND	mg/Kg	0.0062	0.0002	
			Anthracene	0.0003	mg/Kg	0.0062	0.00024	VJ
			Benzo(a)anthracene	0.00024	mg/Kg	0.0062	0.00017	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0062	0.00018	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0062	0.00018	
			Benzo(g,h,i)perylene	0.00024	mg/Kg	0.0062	0.00013	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0062	0.00019	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB029 Depth 10-12 ft bgs	NE13	SW8270 SIM	Chrysene	0.0013	mg/Kg	0.0062	0.00019	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0062	0.00023	
			Fluoranthene	0.00077	mg/Kg	0.0062	0.00022	VJ
			Fluorene	0.0012	mg/Kg	0.0062	0.00022	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0062	0.00019	
			Naphthalene	0.016	mg/Kg	0.0062	0.00027	
			Phenanthrene	0.0034	mg/Kg	0.0062	0.00019	VJ
			Pyrene	0.00066	mg/Kg	0.0062	0.00014	VJ
02NE88SB030 Depth 12-14 ft bgs	NE13	SW9060	Total Organic Carbon (TOC)	0.6	percent	0.05	0.02	
		AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.4	2.6	
		AK102	Diesel Range Organics (C10-C25)	79	mg/Kg	13	5.8	
		AK103	Residual Range Organics	590	mg/Kg	130	5.5	
		E160.3M	Total Solids	78	percent	0	0	
		SW6020	Chromium	23.4	mg/Kg	1.07	0.05	
			Lead	12.4	mg/Kg	0.27	0.16	
			Zinc	60.9	mg/Kg	2.67	0.32	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.052	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.26	0.009	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.021	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0079	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0054	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.011	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.13	0.0059	
		SW8260B	Benzene	ND	mg/Kg	0.021	0.014	
			Ethylbenzene	ND	mg/Kg	0.052	0.013	
			o-Xylene	ND	mg/Kg	0.052	0.011	
			Toluene	ND	mg/Kg	0.052	0.013	
			Xylene, Isomers m & p	ND	mg/Kg	0.052	0.024	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0064	0.00027	
			Acenaphthylene	ND	mg/Kg	0.0064	0.00021	
			Anthracene	ND	mg/Kg	0.0064	0.00025	
			Benzo(a)anthracene	ND	mg/Kg	0.0064	0.00017	
			Benzo(a)pyrene	ND	mg/Kg	0.0064	0.00018	
			Benzo(b)fluoranthene	0.0017	mg/Kg	0.0064	0.00018	VJ
			Benzo(g,h,i)perylene	0.00044	mg/Kg	0.0064	0.00013	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0064	0.0002	
			Chrysene	0.0021	mg/Kg	0.0064	0.0002	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0064	0.00024	
			Fluoranthene	0.00044	mg/Kg	0.0064	0.00022	VJ
			Fluorene	0.00087	mg/Kg	0.0064	0.00022	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0064	0.0002	
			Naphthalene	0.0047	mg/Kg	0.0064	0.00027	VJ
			Phenanthrene	0.0055	mg/Kg	0.0064	0.0002	VJ
			Pyrene	0.00066	mg/Kg	0.0064	0.00015	VJ
02NE88SB031 Depth 6-8 ft bgs	NE15	SW9060	Total Organic Carbon (TOC)	2.26	percent	0.05	0.02	
		AK101	Gasoline Range Organics (C6-C10)	110	mg/Kg	4	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	16000	mg/Kg	110	50	
		AK103	Residual Range Organics	33	mg/Kg	110	4.7	VJ
		E160.3M	Total Solids	91.1	percent	0	0	
		SW6020	Chromium	15.6	mg/Kg	1.1	0.05	
			Lead	12.4	mg/Kg	0.27	0.17	
			Zinc	46.7	mg/Kg	2.74	0.33	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0091	
		SW8260B	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
			Benzene	ND	mg/Kg	0.015	0.012	
			Ethylbenzene	1	mg/Kg	0.036	0.011	
			o-Xylene	0.015	mg/Kg	0.036	0.0087	VJ
			Toluene	0.032	mg/Kg	0.036	0.011	VJ
		SW8270 SIM	Xylene, Isomers m & p	1.8	mg/Kg	0.036	0.021	
			Acenaphthene	0.85	mg/Kg	0.055	0.0024	
			Acenaphthylene	ND	mg/Kg	0.055	0.0018	
			Anthracene	0.043	mg/Kg	0.0055	0.00021	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB031 Depth 6-8 ft bgs	NE15	SW8270 SIM	Benzo(a)anthracene	0.0017	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	0.00041	mg/Kg	0.0055	0.00016	VJ
			Benzo(b)fluoranthene	0.0017	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	0.00045	mg/Kg	0.0055	0.00011	VJ
			Benzo(k)fluoranthene	0.0016	mg/Kg	0.0055	0.00017	VJ
			Chrysene	0.0038	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.0058	mg/Kg	0.0055	0.00019	
			Fluorene	2.7	mg/Kg	0.055	0.0019	
			Indeno(1,2,3-cd)pyrene	0.00019	mg/Kg	0.0055	0.00017	VJ
			Naphthalene	28	mg/Kg	0.55	0.024	
			Phenanthrene	0.95	mg/Kg	0.0055	0.00017	
			Pyrene	0.01	mg/Kg	0.0055	0.00013	
			Total Organic Carbon (TOC)	0.34	percent	0.05	0.02	
02NE88SB032 Depth 10-12 ft bgs	NE15	SW9060	Gasoline Range Organics (C6-C10)	60	mg/Kg	4.5	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	4200	mg/Kg	11	4.9	
		AK103	Residual Range Organics	12	mg/Kg	110	4.6	VJ
		E160.3M	Total Solids	93.5	percent	0	0	
		SW6020	Chromium	6.7	mg/Kg	1.07	0.05	
			Lead	29.6	mg/Kg	0.27	0.16	
			Zinc	60.8	mg/Kg	2.67	0.32	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0075	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0066	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0045	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0088	
		SW8260B	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.005	
			Benzene	ND	mg/Kg	0.017	0.012	
			Ethylbenzene	0.025	mg/Kg	0.041	0.011	VJ
			o-Xylene	ND	mg/Kg	0.041	0.0084	
		SW8270 SIM	Toluene	ND	mg/Kg	0.041	0.011	
			Xylene, Isomers m & p	0.043	mg/Kg	0.041	0.02	
			Acenaphthene	0.11	mg/Kg	0.0054	0.00023	VLB
			Acenaphthylene	ND	mg/Kg	0.0054	0.00018	
			Anthracene	0.011	mg/Kg	0.0054	0.00021	VLB
			Benzo(a)anthracene	0.00037	mg/Kg	0.0054	0.00014	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0054	0.00015	
			Benzo(b)fluoranthene	0.00042	mg/Kg	0.0054	0.00015	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0054	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0054	0.00017	
			Chrysene	0.00094	mg/Kg	0.0054	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0054	0.0002	
			Fluoranthene	0.0017	mg/Kg	0.0054	0.00019	VJ
			Fluorene	0.47	mg/Kg	0.0054	0.00019	VLB
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0054	0.00017	
			Naphthalene	0.9	mg/Kg	0.0054	0.00023	VLB
			Phenanthrene	0.27	mg/Kg	0.0054	0.00017	VLB
			Pyrene	0.0035	mg/Kg	0.0054	0.00012	VJ
		SW9060	Total Organic Carbon (TOC)	0.12	percent	0.05	0.02	
		AK101	Gasoline Range Organics (C6-C10)	130	mg/Kg	2.6	2.4	VHB
		AK102	Diesel Range Organics (C10-C25)	4700	mg/Kg	120	53	
		AK103	Residual Range Organics	450	mg/Kg	120	4.9	
		E160.3M	Total Solids	86.5	percent	0	0	
		SW6020	Chromium	18.2	mg/Kg	0.23	0.03	
			Lead	14.7	mg/Kg	0.06	0.03	
			Zinc	50.8	mg/Kg	0.6	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.047	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.24	0.0081	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.019	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.0071	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.0049	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0095	
		SW8260B	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0054	
			Benzene	ND	mg/Kg	0.013	0.013	
			Ethylbenzene	1.2	mg/Kg	0.021	0.012	VHB
			o-Xylene	1.5	mg/Kg	0.021	0.0091	VHB
02NE88SB033 Depth 8-10 ft bgs	NE13	SW8270 SIM	Benzo(a)anthracene	0.0017	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	0.00041	mg/Kg	0.0055	0.00016	VJ
			Benzo(b)fluoranthene	0.0017	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	0.00045	mg/Kg	0.0055	0.00011	VJ
			Benzo(k)fluoranthene	0.0016	mg/Kg	0.0055	0.00017	VJ
			Chrysene	0.0038	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.0058	mg/Kg	0.0055	0.00019	
			Fluorene	2.7	mg/Kg	0.055	0.0019	
			Indeno(1,2,3-cd)pyrene	0.00019	mg/Kg	0.0055	0.00017	VJ
			Naphthalene	28	mg/Kg	0.55	0.024	
			Phenanthrene	0.95	mg/Kg	0.0055	0.00017	
			Pyrene	0.01	mg/Kg	0.0055	0.00013	
			Total Organic Carbon (TOC)	0.34	percent	0.05	0.02	
			Gasoline Range Organics (C6-C10)	60	mg/Kg	4.5	2.2	VHB
			Diesel Range Organics (C10-C25)	4200	mg/Kg	11	4.9	
			Residual Range Organics	12	mg/Kg	110	4.6	VJ
			Total Solids	93.5	percent	0	0	
			Chromium	6.7	mg/Kg	1.07	0.05	
			Lead	29.6	mg/Kg	0.27	0.16	
			Zinc	60.8	mg/Kg	2.67	0.32	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0075	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0066	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0045	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0088	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.005	
			Benzene	ND	mg/Kg	0.017	0.012	
			Ethylbenzene	0.025	mg/Kg	0.041	0.011	VJ
			o-Xylene	ND	mg/Kg	0.041	0.0084	
			Toluene	ND	mg/Kg	0.041	0.011	
			Xylene, Isomers m & p	0.043	mg/Kg	0.041	0.02	
			Acenaphthene	0.11	mg/Kg	0.0054	0.00023	VLB
			Acenaphthylene	ND	mg/Kg	0.0054	0.00018	
			Anthracene	0.011	mg/Kg	0.0054	0.00021	VLB
			Benzo(a)anthracene	0.00037	mg/Kg	0.0054	0.00014	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0054	0.00015	
			Benzo(b)fluoranthene	0.00042	mg/Kg	0.0054	0.00015	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0054	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0054	0.00017	
			Chrysene	0.00094	mg/Kg	0.0054	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0054	0.0002	
			Fluoranthene	0.0017	mg/Kg	0.0054	0.00019	VJ
			Fluorene	0.47	mg/Kg	0.0054	0.00019	VLB
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0054	0.00017	
			Naphthalene	0.9	mg/Kg	0.0054	0.00023	VLB
			Phenanthrene	0.27	mg/Kg	0.0054	0.00017	VLB
			Pyrene	0.0035	mg/Kg	0.0054	0.00012	VJ
			Total Organic Carbon (TOC)	0.12	percent	0.05	0.02	
			Gasoline Range Organics (C6-C10)	130	mg/Kg	2.6	2.4	VHB
			Diesel Range Organics (C10-C25)	4700	mg/Kg	120	53	
			Residual Range Organics	450	mg/Kg	120	4.9	
			Total Solids	86.5	percent	0	0	
			Chromium	18.2	mg/Kg	0.23	0.03	
			Lead	14.7	mg/Kg	0.06	0.03	
			Zinc	50.8	mg/Kg	0.6	0.1	
			PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.047	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.24	0.0081	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.019	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.0071	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.0049	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0095	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0054	
			Benzene	ND	mg/Kg	0.013	0.013	
			Ethylbenzene	1.2	mg/Kg	0.021	0.012	VHB
			o-Xylene	1.5	mg/Kg	0.021	0.0091	VHB

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB033 Depth 8-10 ft bgs	NE13	SW8260B	Toluene	0.05	mg/Kg	0.021	0.012	VHB
			Xylene, Isomers m & p	4	mg/Kg	0.022	0.022	VHB
		SW8270 SIM	Acenaphthene	0.19	mg/Kg	0.0058	0.00025	
			Acenaphthylene	ND	mg/Kg	0.0058	0.00019	
			Anthracene	0.0085	mg/Kg	0.0058	0.00022	
			Benzo(a)anthracene	0.001	mg/Kg	0.0058	0.00016	VJ
			Benzo(a)pyrene	0.00028	mg/Kg	0.0058	0.00017	VJ
			Benzo(b)fluoranthene	0.0013	mg/Kg	0.0058	0.00017	VJ
			Benzo(g,h,i)perylene	0.00054	mg/Kg	0.0058	0.00012	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0058	0.00018	
			Chrysene	0.0033	mg/Kg	0.0058	0.00018	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0058	0.00021	
			Fluoranthene	0.0021	mg/Kg	0.0058	0.0002	VJ
			Fluorene	0.44	mg/Kg	0.0058	0.0002	
			Indeno(1,2,3-cd)pyrene	0.00023	mg/Kg	0.0058	0.00018	VJ
			Naphthalene	12	mg/Kg	0.29	0.013	
			Phenanthrene	0.25	mg/Kg	0.0058	0.00018	
			Pyrene	0.0049	mg/Kg	0.0058	0.00013	VJ
		SW9060	Total Organic Carbon (TOC)	1.1	percent	0.05	0.02	
02NE88SB034 Depth 12-14 ft bgs	NE13	AK101	Gasoline Range Organics (C6-C10)	140	mg/Kg	3	2.3	VHB
		AK102	Diesel Range Organics (C10-C25)	4300	mg/Kg	120	51	
		AK103	Residual Range Organics	110	mg/Kg	120	4.8	VJ
		E160.3M	Total Solids	89.3	percent	0	0	
		SW6020	Chromium	8.31	mg/Kg	0.22	0.03	
			Lead	15	mg/Kg	0.06	0.03	
			Zinc	31.8	mg/Kg	0.6	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.12	0.045	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.23	0.0079	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.12	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.12	0.0069	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.12	0.0048	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.12	0.0092	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.12	0.0052	
		SW8260B	Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	0.94	mg/Kg	0.023	0.011	VHB
			o-Xylene	0.34	mg/Kg	0.023	0.0088	VHB
			Toluene	ND	mg/Kg	0.023	0.011	
			Xylene, Isomers m & p	3	mg/Kg	0.023	0.021	VHB
		SW8270 SIM	Acenaphthene	0.11	mg/Kg	0.0056	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0056	0.00018	
			Anthracene	0.0041	mg/Kg	0.0056	0.00022	VJ
			Benzo(a)anthracene	0.00043	mg/Kg	0.0056	0.00015	VJ
			Benzo(a)pyrene	0.00025	mg/Kg	0.0056	0.00016	VJ
			Benzo(b)fluoranthene	0.0038	mg/Kg	0.0056	0.00016	VJ
			Benzo(g,h,i)perylene	0.00041	mg/Kg	0.0056	0.00012	VJ
			Benzo(k)fluoranthene	0.0036	mg/Kg	0.0056	0.00017	VJ
			Chrysene	0.0013	mg/Kg	0.0056	0.00017	VJ
			Dibenzo(a,h)anthracene	0.00026	mg/Kg	0.0056	0.00021	VJ
			Fluoranthene	0.001	mg/Kg	0.0056	0.0002	VJ
			Fluorene	0.24	mg/Kg	0.0056	0.0002	
			Indeno(1,2,3-cd)pyrene	0.00034	mg/Kg	0.0056	0.00017	VJ
			Naphthalene	3.6	mg/Kg	0.28	0.012	
			Phenanthrene	0.11	mg/Kg	0.0056	0.00017	
			Pyrene	0.0024	mg/Kg	0.0056	0.00013	VJ
		SW9060	Total Organic Carbon (TOC)	0.33	percent	0.05	0.02	VJ
02NE88SB234 (FD of SB034)	NE13	AK101	Gasoline Range Organics (C6-C10)	110	mg/Kg	2.3	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	3100	mg/Kg	11	5	
		AK103	Residual Range Organics	54	mg/Kg	110	4.7	VJ
		E160.3M	Total Solids	91.2	percent	0	0	
		SW6020	Chromium	10.8	mg/Kg	0.22	0.03	
			Lead	15.3	mg/Kg	0.05	0.03	
			Zinc	40.2	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB234 (FD of SB034)	NE13	SW8082	PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.012	0.012	
			Ethylbenzene	0.83	mg/Kg	0.025	0.011	VHB
			o-Xylene	0.27	mg/Kg	0.025	0.0087	VHB
			Toluene	ND	mg/Kg	0.025	0.011	
			Xylene, Isomers m & p	2.8	mg/Kg	0.025	0.021	VHB
		SW8270 SIM	Acenaphthene	0.089	mg/Kg	0.0055	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.0033	mg/Kg	0.0055	0.00021	VJ
			Benzo(a)anthracene	0.00021	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00041	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.00091	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	0.00031	mg/Kg	0.0055	0.0002	VJ
			Fluoranthene	0.00079	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.2	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	3.8	mg/Kg	0.28	0.012	
			Phenanthrene	0.091	mg/Kg	0.0055	0.00017	
			Pyrene	0.0018	mg/Kg	0.0055	0.00013	VJ
		SW9060	Total Organic Carbon (TOC)	0.19	percent	0.05	0.02	
02NE88SB035 Depth 8-10 ft bgs	NE13	AK101	Gasoline Range Organics (C6-C10)	100	mg/Kg	2.5	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	7300	mg/Kg	110	48	
		AK103	Residual Range Organics	24	mg/Kg	110	4.5	VJ
		E160.3M	Total Solids	94.2	percent	0	0	
		SW6020	Chromium	14	mg/Kg	0.21	0.03	
			Lead	18.4	mg/Kg	0.05	0.03	
			Zinc	49	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0075	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0065	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0045	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0088	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0049	
		SW8260B	Benzene	0.018	mg/Kg	0.012	0.012	VHB
			Ethylbenzene	1.1	mg/Kg	0.025	0.011	VHB
			o-Xylene	0.019	mg/Kg	0.025	0.0084	VJ
			Toluene	0.018	mg/Kg	0.025	0.011	VJ
			Xylene, Isomers m & p	0.95	mg/Kg	0.025	0.02	VHB
		SW8270 SIM	Acenaphthene	0.15	mg/Kg	0.0054	0.00023	
			Acenaphthylene	0.052	mg/Kg	0.0054	0.00017	
			Anthracene	0.0059	mg/Kg	0.0054	0.00021	
			Benzo(a)anthracene	0.00044	mg/Kg	0.0054	0.00014	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0054	0.00015	
			Benzo(b)fluoranthene	0.00062	mg/Kg	0.0054	0.00015	VJ
			Benzo(g,h,i)perylene	0.00043	mg/Kg	0.0054	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0054	0.00016	
			Chrysene	0.0013	mg/Kg	0.0054	0.00016	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0054	0.0002	
			Fluoranthene	0.0013	mg/Kg	0.0054	0.00019	VJ
			Fluorene	0.42	mg/Kg	0.0054	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0054	0.00016	
			Naphthalene	10	mg/Kg	0.27	0.012	
			Phenanthrene	0.18	mg/Kg	0.0054	0.00016	
			Pyrene	0.0027	mg/Kg	0.0054	0.00012	VJ
		SW9060	Total Organic Carbon (TOC)	0.22	percent	0.05	0.02	
02NE88SB036 Depth 10-12 ft bgs	NE13	AK101	Gasoline Range Organics (C6-C10)	170	mg/Kg	3.3	2.6	VHB
		AK102	Diesel Range Organics (C10-C25)	4000	mg/Kg	13	5.7	VJ
		AK103	Residual Range Organics	220	mg/Kg	130	5.3	
		E160.3M	Total Solids	79.6	percent	0	0	
		SW6020	Chromium	16.7	mg/Kg	0.25	0.04	VJ
			Lead	21.1	mg/Kg	0.06	0.04	VJ
			Zinc	57.5	mg/Kg	0.6	0.1	VJ

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB036 Depth 10-12 ft bgs	NE13	SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.13	0.051	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.25	0.0088	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.13	0.021	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.13	0.0077	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.13	0.0053	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.13	0.011	
			PCB-1260 (Aroclor 1260)	0.033	mg/Kg	0.13	0.0058	VJ
		SW8260B	Benzene	0.062	mg/Kg	0.014	0.014	VJ
			Ethylbenzene	2.2	mg/Kg	0.03	0.013	VJ
			o-Xylene	1.3	mg/Kg	0.03	0.0099	VJ
			Toluene	0.041	mg/Kg	0.03	0.013	
			Xylene, Isomers m & p	4.4	mg/Kg	0.03	0.024	VJ
		SW8270 SIM	Acenaphthene	0.13	mg/Kg	0.0063	0.00027	VJ
			Acenaphthylene	ND	mg/Kg	0.0063	0.00021	
			Anthracene	0.0039	mg/Kg	0.0063	0.00024	VJ
			Benzo(a)anthracene	0.00021	mg/Kg	0.0063	0.00017	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0063	0.00018	
			Benzo(b)fluoranthene	0.00056	mg/Kg	0.0063	0.00018	VJ
			Benzo(g,h,i)perylene	0.00031	mg/Kg	0.0063	0.00013	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0063	0.00019	
			Chrysene	0.0014	mg/Kg	0.0063	0.00019	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0063	0.00023	
			Fluoranthene	0.00097	mg/Kg	0.0063	0.00022	VJ
			Fluorene	0.38	mg/Kg	0.0063	0.00022	VJ
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0063	0.00019	
			Naphthalene	6.9	mg/Kg	0.32	0.014	VJ
			Phenanthrene	0.14	mg/Kg	0.0063	0.00019	VJ
			Pyrene	0.002	mg/Kg	0.0063	0.00014	VJ
		SW9060	Total Organic Carbon (TOC)	0.81	percent	0.05	0.02	VJ
02NE88SB236 (FD of SB036)	NE13		Gasoline Range Organics (C6-C10)					
		AK101		88	mg/Kg	2.5	2.2	VHB
		AK102	Diesel Range Organics (C10-C25)	13000	mg/Kg	110	50	
		AK103	Residual Range Organics	180	mg/Kg	110	4.7	
		E160.3M	Total Solids	91.3	percent	0	0	
		SW6020	Chromium	9.64	mg/Kg	0.22	0.03	
			Lead	12.6	mg/Kg	0.05	0.03	
			Zinc	31.9	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	0.059	mg/Kg	0.11	0.0051	VJ
		SW8260B	Benzene	0.023	mg/Kg	0.012	0.012	
			Ethylbenzene	0.66	mg/Kg	0.023	0.011	
			o-Xylene	0.58	mg/Kg	0.023	0.0086	
			Toluene	0.022	mg/Kg	0.023	0.011	VJ
			Xylene, Isomers m & p	1.5	mg/Kg	0.023	0.021	
		SW8270 SIM	Acenaphthene	0.25	mg/Kg	0.0055	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	0.013	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	0.001	mg/Kg	0.0055	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.0016	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	0.00034	mg/Kg	0.0055	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.0021	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.0027	mg/Kg	0.0055	0.00019	VJ
			Fluorene	0.74	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	0.00019	mg/Kg	0.0055	0.00017	VJ
			Naphthalene	23	mg/Kg	0.55	0.024	
			Phenanthrene	0.44	mg/Kg	0.0055	0.00017	
			Pyrene	0.005	mg/Kg	0.0055	0.00013	VJ
		SW9060	Total Organic Carbon (TOC)	0.48	percent	0.05	0.02	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB037 Depth 28-30 ft bgs	NE22	AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.1	2.3	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	11	5	
		AK103	Residual Range Organics	13	mg/Kg	110	4.7	VJ
		E160.3M	Total Solids	90.5	percent	0	0	
		SW6020	Chromium	7.26	mg/Kg	0.22	0.03	
			Lead	30.5	mg/Kg	0.06	0.03	
			Zinc	69.8	mg/Kg	0.6	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.045	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0078	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0068	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0091	
		SW8260B	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
			Benzene	ND	mg/Kg	0.019	0.012	
			Ethylbenzene	ND	mg/Kg	0.047	0.011	
			o-Xylene	ND	mg/Kg	0.047	0.0087	
			Toluene	ND	mg/Kg	0.047	0.011	
		SW8270 SIM	Xylene, Isomers m & p	ND	mg/Kg	0.047	0.021	
			Acenaphthene	ND	mg/Kg	0.0056	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0056	0.00018	
			Anthracene	ND	mg/Kg	0.0056	0.00021	
			Benzo(a)anthracene	0.00017	mg/Kg	0.0056	0.00015	VJ
			Benzo(a)pyrene	ND	mg/Kg	0.0056	0.00016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0056	0.00016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0056	0.00012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0056	0.00017	
			Chrysene	0.00036	mg/Kg	0.0056	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0056	0.0002	
			Fluoranthene	0.00073	mg/Kg	0.0056	0.00019	VJ
			Fluorene	ND	mg/Kg	0.0056	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0056	0.00017	
			Naphthalene	0.00092	mg/Kg	0.0056	0.00024	VJ
			Phenanthrene	0.0012	mg/Kg	0.0056	0.00017	VJ
			Pyrene	0.00044	mg/Kg	0.0056	0.00013	VJ
02NE88SB237 (FD of SB037)	NE22	SW9060	Total Organic Carbon (TOC)	0.1	percent	0.05	0.02	
		AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4	2.2	
			Diesel Range Organics (C10-C25)	ND	mg/Kg	11	5	
			Residual Range Organics	5.6	mg/Kg	110	4.7	VJ
		E160.3M	Total Solids	91.4	percent	0	0	
		SW6020	Chromium	8.11	mg/Kg	0.22	0.03	
			Lead	33.7	mg/Kg	0.05	0.03	
			Zinc	69.1	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
		SW8260B	PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
			Benzene	ND	mg/Kg	0.017	0.012	
			Ethylbenzene	ND	mg/Kg	0.041	0.011	
			o-Xylene	ND	mg/Kg	0.041	0.0086	
			Toluene	ND	mg/Kg	0.041	0.011	
		SW8270 SIM	Xylene, Isomers m & p	ND	mg/Kg	0.041	0.021	
			Acenaphthene	ND	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	ND	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	ND	mg/Kg	0.0055	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0055	0.00016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.00019	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	ND	mg/Kg	0.0055	0.00019	
			Fluorene	ND	mg/Kg	0.0055	0.00019	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB237 (FD of SB037)	NE22	SW8270 SIM	Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	0.00048	mg/Kg	0.0055	0.00023	VJ
			Phenanthrene	0.00056	mg/Kg	0.0055	0.00017	VJ
			Pyrene	ND	mg/Kg	0.0055	0.00013	
02NE88SB038 Depth 30-32 ft bgs	NE22	SW9060	Total Organic Carbon (TOC)	0.09	percent	0.05	0.02	
		AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.3	2.2	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	11	4.8	
		AK103	Residual Range Organics	5.4	mg/Kg	110	4.5	VJ
		E160.3M	Total Solids	94.4	percent	0	0	
		SW6020	Chromium	7.87	mg/Kg	0.21	0.03	
			Lead	41.3	mg/Kg	0.05	0.03	
			Zinc	90.3	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.043	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0075	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0065	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0045	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0087	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0049	
		SW8260B	Benzene	ND	mg/Kg	0.017	0.012	
			Ethylbenzene	ND	mg/Kg	0.042	0.011	
			o-Xylene	ND	mg/Kg	0.042	0.0084	
			Toluene	ND	mg/Kg	0.042	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.042	0.02	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0053	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0053	0.00017	
			Anthracene	ND	mg/Kg	0.0053	0.00021	
			Benzo(a)anthracene	ND	mg/Kg	0.0053	0.00014	
			Benzo(a)pyrene	ND	mg/Kg	0.0053	0.00015	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0053	0.00015	
			Benzo(g,h,i)perylene	0.00015	mg/Kg	0.0053	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0053	0.00016	
			Chrysene	ND	mg/Kg	0.0053	0.00016	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0053	0.0002	
			Fluoranthene	ND	mg/Kg	0.0053	0.00019	
			Fluorene	ND	mg/Kg	0.0053	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0053	0.00016	
			Naphthalene	ND	mg/Kg	0.0053	0.00023	
			Phenanthrene	0.00022	mg/Kg	0.0053	0.00016	VJ
			Pyrene	ND	mg/Kg	0.0053	0.00012	
02NE88SB039 Depth 26-28 ft bgs	NE22	SW9060	Total Organic Carbon (TOC)	0.06	percent	0.05	0.02	
		AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4	2.2	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	11	5	
		AK103	Residual Range Organics	ND	mg/Kg	110	4.7	
		E160.3M	Total Solids	91.6	percent	0	0	
		SW6020	Chromium	9.09	mg/Kg	0.22	0.03	VJ
			Lead	31.4	mg/Kg	0.05	0.03	
			Zinc	62.9	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.044	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0077	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0067	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0046	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.009	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.016	0.012	
			Ethylbenzene	ND	mg/Kg	0.038	0.011	
			o-Xylene	ND	mg/Kg	0.038	0.0086	
			Toluene	ND	mg/Kg	0.038	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.038	0.021	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0055	0.00023	
			Acenaphthylene	ND	mg/Kg	0.0055	0.00018	
			Anthracene	ND	mg/Kg	0.0055	0.00021	
			Benzo(a)anthracene	ND	mg/Kg	0.0055	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0055	0.00016	
			Benzo(b)fluoranthene	0.00056	mg/Kg	0.0055	0.00016	VJ
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0055	0.00011	

Summary of Soil Results Site 88
2002 Sampling Event

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB039 Depth 26-28 ft bgs	NE22	SW8270 SIM	Benzo(k)fluoranthene	ND	mg/Kg	0.0055	0.00017	
			Chrysene	0.00027	mg/Kg	0.0055	0.00017	VJ
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0055	0.0002	
			Fluoranthene	0.00024	mg/Kg	0.0055	0.00019	VJ
			Fluorene	ND	mg/Kg	0.0055	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0055	0.00017	
			Naphthalene	0.00072	mg/Kg	0.0055	0.00023	VJ
			Phenanthrene	0.00053	mg/Kg	0.0055	0.00017	VJ
02NE88SB239 (FD of SB039)	NE22	SW9060	Pyrene	0.00021	mg/Kg	0.0055	0.00013	VJ
			Total Organic Carbon (TOC)	0.07	percent	0.05	0.02	
		AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.2	2.3	
			Diesel Range Organics (C10-C25)	ND	mg/Kg	11	5.1	
			Residual Range Organics	5	mg/Kg	110	4.7	VJ
		E160.3M	Total Solids	90.2	percent	0	0	
		SW6020	Chromium	7.71	mg/Kg	0.22	0.03	
			Lead	31.2	mg/Kg	0.06	0.03	
			Zinc	57	mg/Kg	0.6	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.045	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.22	0.0078	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.018	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0068	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0047	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0091	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0051	
		SW8260B	Benzene	ND	mg/Kg	0.019	0.012	
			Ethylbenzene	ND	mg/Kg	0.046	0.011	
			o-Xylene	ND	mg/Kg	0.046	0.0088	
			Toluene	ND	mg/Kg	0.046	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.046	0.021	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0056	0.00024	
			Acenaphthylene	ND	mg/Kg	0.0056	0.00018	
			Anthracene	ND	mg/Kg	0.0056	0.00022	
			Benzo(a)anthracene	ND	mg/Kg	0.0056	0.00015	
			Benzo(a)pyrene	ND	mg/Kg	0.0056	0.00016	
			Benzo(b)fluoranthene	ND	mg/Kg	0.0056	0.00016	
			Benzo(g,h,i)perylene	ND	mg/Kg	0.0056	0.00012	
			Benzo(k)fluoranthene	ND	mg/Kg	0.0056	0.00017	
			Chrysene	ND	mg/Kg	0.0056	0.00017	
			Dibenzo(a,h)anthracene	ND	mg/Kg	0.0056	0.0002	
			Fluoranthene	ND	mg/Kg	0.0056	0.00019	
			Fluorene	ND	mg/Kg	0.0056	0.00019	
			Indeno(1,2,3-cd)pyrene	ND	mg/Kg	0.0056	0.00017	
			Naphthalene	0.00046	mg/Kg	0.0056	0.00024	VJ
			Phenanthrene	0.00048	mg/Kg	0.0056	0.00017	VJ
			Pyrene	0.00015	mg/Kg	0.0056	0.00013	VJ
02NE88SB040 Depth 28-30 ft bgs	NE22	SW9060	Total Organic Carbon (TOC)	0.08	percent	0.05	0.02	
		AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	4.1	2.1	
		AK102	Diesel Range Organics (C10-C25)	ND	mg/Kg	11	4.8	
		AK103	Residual Range Organics	ND	mg/Kg	110	4.5	
		E160.3M	Total Solids	95.5	percent	0	0	
		SW6020	Chromium	7.88	mg/Kg	0.21	0.03	
			Lead	32.2	mg/Kg	0.05	0.03	
			Zinc	75.2	mg/Kg	0.5	0.1	
		SW8082	PCB-1016 (Aroclor 1016)	ND	mg/Kg	0.11	0.042	
			PCB-1221 (Aroclor 1221)	ND	mg/Kg	0.21	0.0074	
			PCB-1232 (Aroclor 1232)	ND	mg/Kg	0.11	0.017	
			PCB-1242 (Aroclor 1242)	ND	mg/Kg	0.11	0.0064	
			PCB-1248 (Aroclor 1248)	ND	mg/Kg	0.11	0.0044	
			PCB-1254 (Aroclor 1254)	ND	mg/Kg	0.11	0.0086	
			PCB-1260 (Aroclor 1260)	ND	mg/Kg	0.11	0.0049	
		SW8260B	Benzene	ND	mg/Kg	0.015	0.011	
			Ethylbenzene	ND	mg/Kg	0.037	0.011	
			o-Xylene	ND	mg/Kg	0.037	0.0083	
			Toluene	ND	mg/Kg	0.037	0.011	
			Xylene, Isomers m & p	ND	mg/Kg	0.037	0.02	
		SW8270 SIM	Acenaphthene	ND	mg/Kg	0.0053	0.00022	

**Summary of Soil Results Site 88
2002 Sampling Event**

Sample ID	Site location	Method	Analyte	Result	Units	MRL	MDL	Qualifier
02NE88SB040 Depth 28-30 ft bgs	NE22	SW8270 SIM	Acenaphthylene	ND	mg/Kg	0.0053	0.00017	
			Anthracene	0.0002	mg/Kg	0.0053	0.0002	VJ
			Benzo(a)anthracene	ND	mg/Kg	0.0053	0.00014	
			Benzo(a)pyrene	ND	mg/Kg	0.0053	0.00015	
			Benzo(b)fluoranthene	0.00035	mg/Kg	0.0053	0.00015	VJ
			Benzo(g,h,i)perylene	0.00033	mg/Kg	0.0053	0.00011	VJ
			Benzo(k)fluoranthene	ND	mg/Kg	0.0053	0.00016	
			Chrysene	0.0002	mg/Kg	0.0053	0.00016	VJ
			Dibenzo(a,h)anthracene	0.00032	mg/Kg	0.0053	0.00019	VJ
			Fluoranthene	0.0007	mg/Kg	0.0053	0.00018	VJ
			Fluorene	0.0002	mg/Kg	0.0053	0.00018	VJ
			Indeno(1,2,3-cd)pyrene	0.00032	mg/Kg	0.0053	0.00016	VJ
			Naphthalene	0.00031	mg/Kg	0.0053	0.00022	VJ
			Phenanthrene	0.001	mg/Kg	0.0053	0.00016	VJ
			Pyrene	0.00051	mg/Kg	0.0053	0.00012	VJ
02NE88TB001	Trip blank	SW9060	Total Organic Carbon (TOC)	0.04	percent	0.05	0.02	VJ
		AK101	Gasoline Range Organics (C6-C10)	ND	mg/Kg	5.1	2.1	
		SW8260B	Benzene	ND	mg/Kg	0.02	0.011	
			Ethylbenzene	ND	mg/Kg	0.05	0.0098	
			o-Xylene	ND	mg/Kg	0.05	0.0079	
			Toluene	ND	mg/Kg	0.05	0.0098	
02NE88TB005	Trip blank	SW8260B	Xylene, Isomers m & p	ND	mg/Kg	0.05	0.019	
			Gasoline Range Organics (C6-C10)	ND	mg/Kg	5.1	2.1	
			Benzene	ND	mg/Kg	0.02	0.011	
			Ethylbenzene	ND	mg/Kg	0.05	0.0098	
			o-Xylene	ND	mg/Kg	0.05	0.0079	
			Toluene	ND	mg/Kg	0.05	0.0098	
02NE88TB007	Trip blank	SW8260B	Xylene, Isomers m & p	ND	mg/Kg	0.05	0.019	
			Gasoline Range Organics (C6-C10)	ND	mg/Kg	5.1	2.1	
			Benzene	ND	mg/Kg	0.02	0.011	
			Ethylbenzene	ND	mg/Kg	0.05	0.0098	
			o-Xylene	ND	mg/Kg	0.05	0.0079	
			Toluene	ND	mg/Kg	0.05	0.0098	

Key:

- VB - analyte present in the blank and the sample
- DRO - diesel range organics
- GRO - gasoline range organics
- mg/Kg - milligrams per kilogram
- ND - Not detected above method reporting limit
- VHB - Result is an estimate with a high bias.
- VJ - estimated value
- VQQ - method reporting limit approximated due to quality control or matrix effects