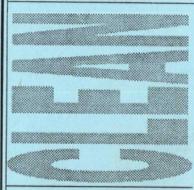
CTO-0018
Removal Action
White Alice Site, Northeast Cape
St. Lawrence Island, Alaska

Final Report

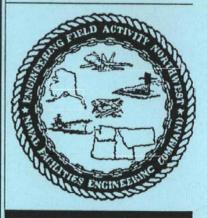
May 17, 1991

NORTHWEST AREA

COMPREHENSIVE LONG-TERM ENVIRONMENTAL ACTION NAVY



ENGINEERING FIELD ACTIVITY NORTHWEST, NAVAL FACILITIES ENGINEERING COMMAND CONTRACT #N62474-89-D-9295



THE URS TEAM

URS Consultants

Science Applications International Corp.

B&V Waste Science and Technology Corp.

Shannon & Wilson, Inc.



FINAL REMOVAL ACTION REPORT

FOR THE

COMPREHENSIVE LONG-TERM ENVIRONMENTAL ACTION NAVY (CLEAN PROGRAM) NORTHWEST AREA

WHITE ALICE SITE, NORTHEAST CAPE ST. LAWRENCE ISLAND, ALASKA CONTRACT TASK ORDER NO.: 0018

> PREPARED BY: URS CONSULTANTS, INC. ANCHORAGE, ALASKA

PREPARED FOR:
ENGINEERING FIELD ACTIVITY, NORTHWEST
WESTERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
SILVERDALE, WASHINGTON

MAY 17, 1991

Received

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Title Page Revision No.: 0 Date: May 17, 1991 Page i

REMOVAL ACTION REPORT TITLE PAGE

Document Title:

Removal Action Report

U.S. Navy - CLEAN Program, Northwest Area

Site Name:

White Alice Site, Northeast Cape

Site Location:

St. Lawrence Island, Alaska

Contract Task Order No.:

CTO #0018

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Plan Coverage:

This report covers removal action and quality assurance tasks as a part of the Comprehensive Long-Term Environmental Action Navy (CLEAN) Program under Contract No. N62474-89-D-9295 for the Engineering Field Activity, Northwest, of the Western Division, Naval Facilities Engineering Command. These services are provided by URS Consultants, Inc. as Prime Contractor for the site indicated above and described within this plan.

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Executive Summary Revision No.: 0 Date: May 17, 1991 Page iii

EXECUTIVE SUMMARY

This report documents specific actions and logistics necessary in performing a Removal Action at the White Alice site, Northeast Cape, St. Lawrence Island, Alaska. The report is divided into a general description of the project and its four areas of concern, relative technical actions and project critique.

Naval Ocean Systems Center in San Diego, California, the owner of the White Alice site, requested a Preliminary Assessment (PA) of the site from Naval Energy and Environmental Support Activity of Port Hueneme, California in November 1988. The PA was performed in July 1989 and revealed an assortment of debris and buildings, including abandoned drums and transformers, potentially hazardous to human health and the environment. Further investigation of possible hazardous conditions at this site was recommended.

In March 1990, the Engineering Field Activity, Northwest, Naval Facilities Engineering Command requested that URS Consultants perform a Removal Action for the four sites studied in the PA. The Removal Action was performed under the Comprehensive Long-Term Environmental Action Navy (CLEAN) Contract No. N62474-89-D-9295, Task Order No. 0018.

The project site is located at Northeast Cape on St. Lawrence Island, Alaska. This island is approximately 100 miles in length and 20 miles wide and its western edge lies 40 miles east of Cape Chaplin, Siberia. Northeast Cape lies 118 miles southwest of Cape Rodney on the Seward Peninsula on mainland, Alaska. The facilities at this site were constructed in 1952 and were used in the Air Force communications network. The area was abandoned in 1975 and the 26 acre White Alice site was transferred to the Navy in 1982. The Naval Ocean Systems Command planned to use the site in conjunction with the Arctic Submarine Laboratory. However, it has never been used and remains abandoned.

The White Alice site on St. Lawrence Island consists of four large antennas and a large electronics building at the foot of a 1,820 foot high mountain, an abandoned tramway up the mountain and an upper camp at the top of the mountain. Surrounding the abandoned facilities was assorted debris, rusted drums and potentially contaminated soil which was the result of the drums leaking unknown but suspected contaminated materials. In close proximity to the abandoned structures were dielectric-filled transformers.

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The successful accomplishment of this Removal Action required the concurrence of the St. Lawrence Island residents since the use of Native owned land was required for project logistics. This approval was obtained on May 5, 1990 and project planning proceeded immediately after that date. Over 100 separate procurements for equipment, supplies, materials and services were required to be obtained prior to mobilization. The project planning activities were completed prior to the July 4, 1990 mobilization date. The actual Removal Action commenced on July 4 and was completed by mid-August. Final demobilization and hazardous waste disposal was accomplished by early October.

Specific removal activities included drum and transformer removal and subsequent sampling of potentially contaminated soils at four separate sites. Labeled products were packaged for removal and unknown products were collected and screened for classification and appropriate disposal. Materials known to contain PCBs and other hazardous wastes were disposed of in accordance with Federal guidelines. Areas surrounding suspected spill locations were surveyed and grids laid out to facilitate soil sampling under a separate contract task order, CTO #0019/Site Inspection. The unknown products, screened and classified in the island on-site laboratory, were consistent with the historical information obtained concerning the products used and the activities performed when the White Alice site was active. The transformers and associated switch boxes were disconnected from the abandoned electrical system, drained and triple wrapped for appropriate disposal. The dielectric cooling fluid and the diesel fuel used to rinse the drained containers were also disposed of according to regulations affecting the disposal of PCBs.

The actual removal of more than 1,000 rusted drums, strewn over the 26 acre site, was impacted on a daily and occasionally, an hourly basis from extremes created by the arctic maritime weather patterns. The climatic changes varied between sunshine and torrential rain accompanied by 97 mile per hour winds. Because three transformers and the majority of the drums to be removed were situated on top of an 1,800 foot mountain, which was accessed by project helicopters, the weather was a consistent factor in daily project coordination.

The remoteness of this site, the lack of usable facilities, the unusual and harsh weather conditions, the lack of adequate time for project planning and the difficult topography of the site all combined to make this removal project difficult and challenging. In retrospect, this project served to prove that removal actions can successfully be performed in remote areas, given the resources and time necessary.

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ACRONYMS

ACM Asbestos Containing Material

ARAR Applicable or Relevant and Appropriate Requirements

BLM Bureau of Land Management (Federal)

CFR Code of Federal Regulations

CLEAN Comprehensive Long-term Environmental Action Navy

CPR Cardiopulmonary Resuscitation

CTO Contract Task Order

DERP Defense Environmental Restoration Program

DECON Decontamination

DLA Defense Logistics Agency

DOT Department of Transportation

DRMO Defense Reutilization and Marketing Service

EFA Engineering Field Activity, Northwest

EPA Environmental Protection Agency

FAR Federal Acquisition Regulations

FID Flame Ionization Detector

HEPA High Efficiency Particulate Air

mg/L Milligrams per Liter

OSHA Occupational Safety and Health Administration

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ACRONYMS (continued)

ORM

Other Regulated Materials

NAVY

Engineering Field Activity, Northwest of the Western Division,

Naval Facilities Engineering Command

NEESA

Naval Energy and Environmental Support Activity

NFEC

Naval Facilities Engineering Command

PA

Preliminary Assessment

PCB

Polychlorinated Biphenyl

POL

Petroleum, Oil, Lubricants

PPE

Personal Protective Equipment

ppm

Parts Per Million

PVC

Polyvinyl Chloride

QA

Quality Assurance

QC

Quality Control

RCRA

Resource Conservation and Recovery Act of 1976

SI

Site Inspection

TSCA

Toxic Substance Control Act

TSD

Treatment, Storage and Disposal Facility

URS

.URS Consultants, Inc.

WASNC

White Alice Site Northeast Cape

Section No.: 1.0 Revision No.: 0 Date: May 17, 1991 Page 1

1.0 INTRODUCTION

The Engineering Field Activity (EFA), Northwest, Naval Facilities Engineering Command has requested that engineering services be provided by URS Consultants (URS) to perform a Removal Action for four sites on the Navy property at Northeast Cape, St. Lawrence Island, Alaska. The project was performed under the Comprehensive Long-Term Environmental Action Navy (CLEAN) Contract No. N62474-89-D-9295, Task Order No. 0018 (CTO #0018).

Naval Ocean Systems Center in San Diego, California, initially requested a PA of the site from Naval Energy and Environmental Support Activity of Port Hueneme, California in November, 1988. The PA was performed in July, 1989 at the designated area and revealed an assortment of debris and buildings, potentially hazardous to human health and the environment.

This document describes the Removal Action performed at the White Alice site, an abandoned Air Force base, at Northeast Cape, St. Lawrence Island, Alaska.

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2.0 PURPOSE

The purpose of this report is to document a Removal Action of potentially hazardous materials from a remote site.

The primary Removal Action objective was to remove drums, transformers and assorted debris, at the four sites which may have posed a threat to human health and/or the environment. This action was performed in compliance with all Federal and State Applicable or Relevant and Appropriate Requirements (ARARs).

A secondary objective, which complemented the Removal Action, was to survey and establish grids encompassing potential contaminant migration zones and distinct barrel locations. This allowed for site specific sampling under CTO #0019 Site Inspection (SI).

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3.0 ISLAND DESCRIPTION

3.1 PHYSIOGRAPHY

The White Alice Site (WASNC) is located at Northeast Cape on St. Lawrence Island, Alaska. The island lies in the Bering Sea between 168 degrees 30 minutes and 172 degrees 00 minutes west longitude with its southern and northern limits marked by 62 degrees 52 minutes and 63 degrees 52 minutes north latitude, respectively. The island is approximately 100 miles in length and averages about 20 miles in width. The distance to the nearest point in Siberia, Cape Chaplin, is about 40 miles, while the distance to the nearest point on the Alaskan mainland at Cape Rodney on the Seward Peninsula is 118 miles. All travel to or from the area is accomplished by either sea or air if weather permits. Figure 3-1 shows the general location of the Navy facilities at Northeast Cape.

3.2 ISLAND HISTORY

St. Lawrence Island is currently occupied by the descendants of the original Russian Yupik (pronounced U-Pik) Eskimos who apparently traversed the Bering Land Bridge approximately 12,000 - 14,000 years ago. The Yupiks survive in a subsistence life style of hunting and fishing as well as selling of ivory carvings to tourists.

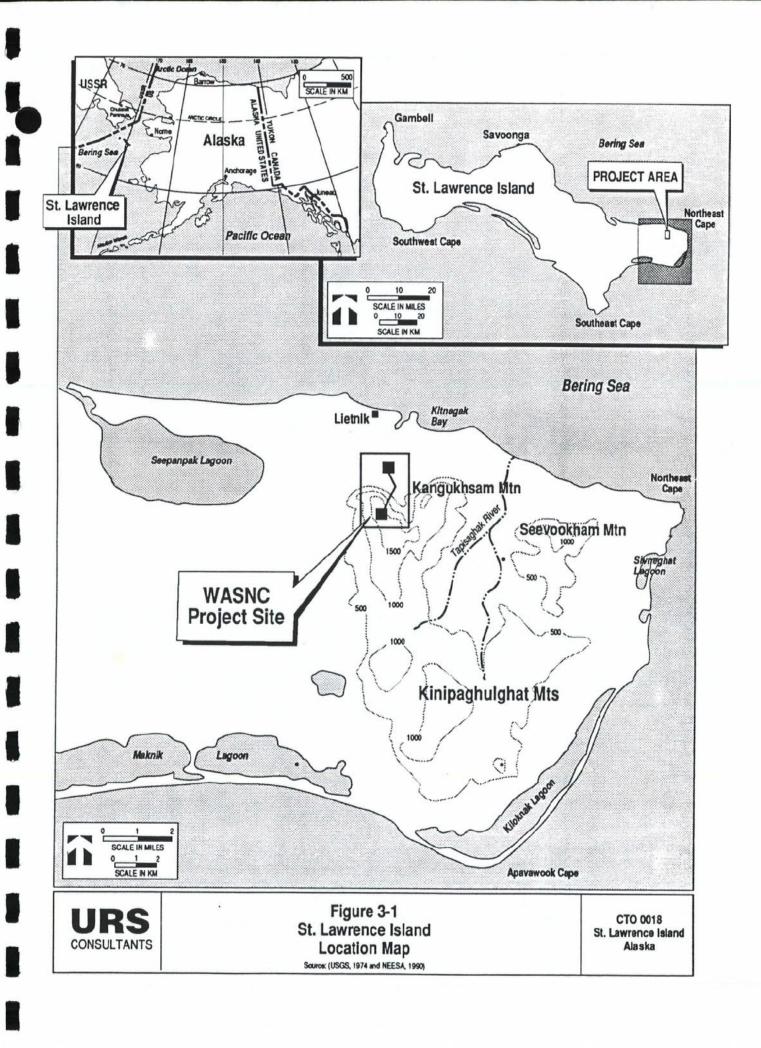
During the winter months, the permanent population of approximately 1,200 Eskimos and a small minority of non-natives, reside in the village towns of Gambell and Savoonga. However, in the warmer hunting and fishing months, many residents (and complete families) travel to the coastal areas, as well as the Punuk Islands off the Northeast Cape, and reside in their summer "fish camps".

3.2.1 Prehistory

There are eleven known historic and prehistoric sites of Eskimo and Punuk affiliation. Site features include house pits, house remains, middens and artifacts. These sites are located on wet tundra areas along the coast and currently, Natives are in the process of excavating these sites to obtain the artifacts.

3.3 ECOLOGY

The harsh, year round climate and limited soil is consistent with a low density plant and animal population. In the winter months, polar bears are frequent visitors to the island,



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arriving on the ice pack. Various whales, walrus and seals visit the island and surrounding waters and are legally harvested by the Natives. During the course of the project field activities, the largest mammals present at Northeast Cape were a herd of approximately 200 reindeer. The camp was persistently visited by arctic fox and arctic ground squirrels. Sandhill cranes, jaegers, swans and loons were common as well as the singular spotting of a soaring eagle.

3.4 TOPOGRAPHY

The topography of Northeast Cape begins with a coastal plain at the Bering Sea (Figure 3-1). A transition of rolling terrain leads to the Kinipaghulghat Mountains with Kangukhsam Mountain at 1,820 feet above sea level as the highest local peak. The mountain side is steep, highly exposed with weathered talus slopes (NEESA 1990).

3.5 GEOLOGY

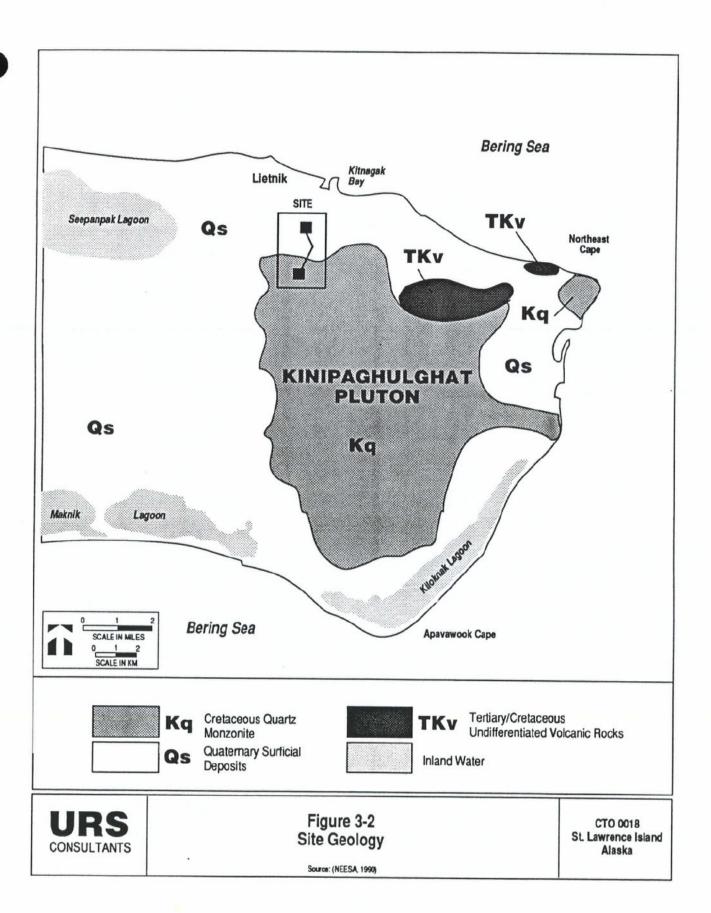
The eastern part of St. Lawrence Island is a broad, wave-cut bedrock platform nearly 100 feet above sea level. The surface of the platform is dotted with countless small shallow lakes and blanketed by a thin veneer of water-soaked mossy turf and peat. Several isolated groups of talus-covered hills, which are bounded by ancient sea cliffs, rise 1,000 to 2,000 feet above the surface platform.

Soils at the eastern part of St. Lawrence consist of loose, well rounded, medium coarse granitic sand and gravel. Sand, silt and peat are found at lower elevations and along the coast. In the higher elevations, the Kangukhsam and Kinipaghulghat Mountains, quartz monzonite is present, and some small areas of undifferentiated volcanic rocks (Figure 3-2) exist around Northeast Cape (NEESA 1990).

3.6 HYDROLOGY

The principle surface water feature of St. Lawrence Island is the Bering Sea. The sea is located approximately 1.5 miles to the north and east of the project site. All surface water runoff from the project area ultimately discharges to the Bering Sea. There are numerous glacial runoff streams running through the area. They have vegetated, incised banks, sandy gravelly streambeds, and are clear. The streams range from a few feet in width to streams twenty to thirty feet wide. These streams are beaded in the lowlands in contrast to high velocity streams in the mountainous areas.

The lowland areas of Northeast Cape are typical of a subarctic coastal plain where flat topography, frozen soils, and wet tundra have created numerous shallow thaw lake basins



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and peat-filled thaw lake basins. These lakes are clear and tannic in appearance (URS 1990A).

3.7 CLIMATE

The island is characterized by a typical arctic maritime climate with cold winds of gale and occasionally hurricane force. Precipitation as rain or snow is recorded on 300 days out of the year. The greatest precipitation is recorded during the months of August and September. The mean precipitation for these months are 1.82 and 1.63 inches, respectively. Summer temperatures above 55 degrees Fahrenheit are infrequent and of short duration, and winter temperatures seldom fall below -10 degrees Fahrenheit (URS 1990A).

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4.0 SITE DESCRIPTION

4.1 SITE HISTORY

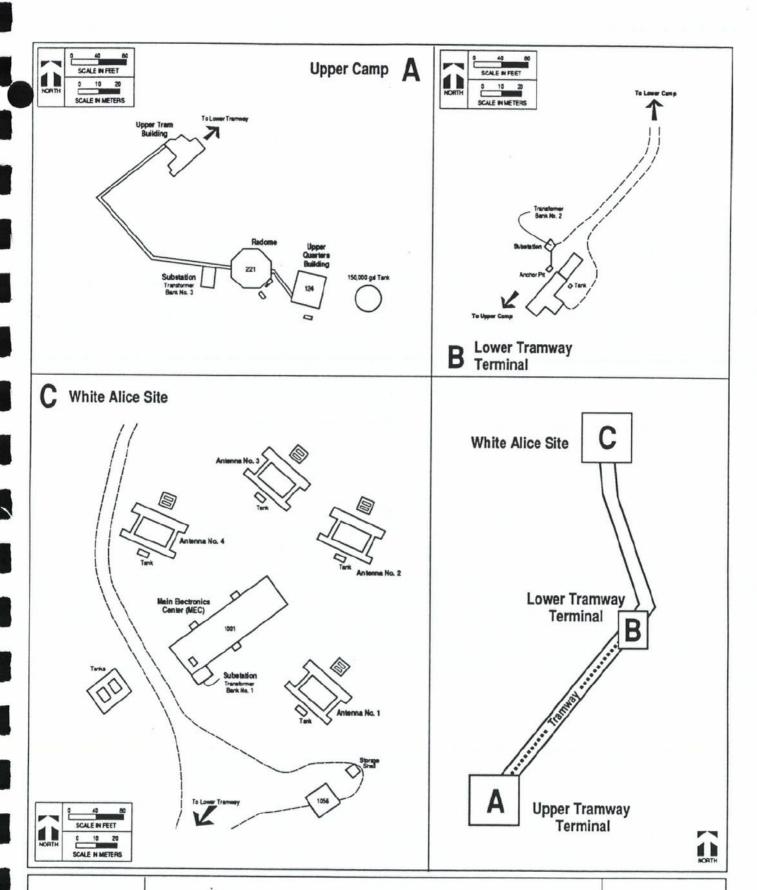
The facilities on St. Lawrence Island were constructed in 1952 for the Department of the Air Force and used as part of the high energy pulse tropospheric scatter sites (White Alice) located throughout coastal Alaska. Excess property of the original Air Force base, 16,213 acres, was relinquished to Bureau of Land Management (BLM) on March 14, 1958 and conveyed to both the Gambell Native Corporation (Sivunqaq, Inc.) and the Savoonga Native Corporation on June 27, 1979. Northeast Cape was used by the Air Force until it was closed in 1975 when the White Alice communication sites became obsolete with the introduction of communication satellites. After its closure, the majority of the remaining base property, 4,855 acres, was relinquished to BLM on August 20, 1975, and then conveyed to the Gambell and Savoonga Native Corporations on June 27, 1979.

On July 12, 1982, the remaining 26 acres of property were transferred from the Department of Air Force to the Department of Navy. The Navy property presently consists of the White Alice Site, the lower tram terminal, the tramway up Mount Kangukhsam, and the upper camp complex (NEESA 1990).

On July 29, 1982, the Naval Ocean Systems Center accepted control of the 26 acres of property. Originally, the Naval Ocean Systems Center had planned to use the facilities in conjunction with the Arctic Submarine Laboratory, however, the site remains unused (Figure 4-1).

4.2 PREVIOUS INVESTIGATION

In 1989, the Naval Energy and Environmental Support Activity (NEESA) performed a PA. NEESA identified transformers and drums containing product at the White Alice Site on St. Lawrence Island which were suspected of posing a threat to human health and/or the environment. The PA conducted on the island indicated that waste, or contaminated fuels and oil (e.g., aviation fuel, unleaded gasoline, diesel fuel, engine crankcase oil, grease, waste oil, deicing fluid, and arctic grade antifreeze), and chlorinated solvents (e.g., trichloroethylene, and carbon tetrachloride) had been used while the site was active. The site also contained compressed gas cylinders, lead-acid type automobile batteries, containers of creosote "C", asbestos wallboard, asbestos



URSCONSULTANTS

Figure 4-1 Site Location Map

Source: (NEESA, 1990)

CTO 0018 St. Lawrence Island Alaska

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insulation, PCB dielectric fluids, dibenzofuran, DDT, trichlorophenoxy acetic acid (2,3,5-T), alcohols, and sulfuric acid. The contaminated areas containing these materials were created by spills, leakage through bullet holes, leaks at storage areas, burial in landfills, and random disposal of drums and other materials at various locations on the site. The buildings presently in existence contain asbestos wallboard, asbestos insulation and asbestos containing material (ACM) and are all in a state of extreme disrepair.

4.3 AREA DESIGNATIONS

For the purpose of this report, the Removal Action was concerned with four specific sites, herein described as Areas 1-4. Area One consists of a tram running up Mount Kangukhsam from bottom camp to upper camp and the Lower Tram Building. Area Two consists of an Abandoned Electrical System consisting of three separate transformer banks and a free-standing platform with transformers that were filled with dielectric fluids. Area Three consists of the White Alice facilities, and Area Four is the Drum Field and the abandoned Upper Camp facilities. These areas are further described in Section 6.1 through 6.1.4.

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5.0 PROJECT LOGISTICS

5.1 PROJECT OVERVIEW

The abandoned communications site on St. Lawrence Island consists of four large antennas and a large electronics building at the foot of a 1,820 foot high mountain, an abandoned tramway up the mountain and an upper camp at the top of the mountain.

The contract to perform the Removal Action was awarded to URS in March 1990. However, actual planning could not begin until May when permission was obtained from the Native population to proceed. Thus, in order to begin work by the target-start date, July 4, 1990 (weather conditions prohibited field work prior to that date), the obtaining of all supplies, equipment and services occurred during May and June.

Due to the remoteness of the site, the weather constraints and the rugged terrain, it was decided to barge in a camp and all necessary equipment and supplies. Additionally, it was decided that the use of helicopters for personnel placement and materials handling would be required throughout the field work. All decisions on a plan of action for the project were made without benefit of a reconnaissance trip, since deep snow would not allow landing of aircraft at the existing landing strip.

Over 100 separate purchase orders were awarded for service, equipment and supplies during project mobilization (May and June) and some 60 project personnel were recruited from within the URS organization, from new hires and from subcontractors.

The actual removal of the drums and transformers commenced on July 4, 1990 and was completed on August 10th; 20 days ahead of schedule. Again, due to severe foggy and windy weather, project personnel were occasionally prohibited from performing outdoor activities. However, weather permitting, actual time spent on the removal was 21 days.

More than 1000 used steel drums and 29 transformers were removed and placed on a barge for transfer to Anchorage, Alaska for disposal. During the Removal Action, a separate site inspection (CTO #0019) was made of possible hazardous/toxic materials at the site. Contaminants such as asbestos, petroleum materials, pesticides and PCBs were found to be present.

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This entire project, which included the mobilization of a 60 person camp, all transportation vehicles, a satellite communication system and helicopter and barge service, was successfully accomplished ahead of schedule in spite of very poor weather and the remoteness of the site.

5.2 MOBILIZATION

On May 2, 1990, a meeting was held with the Native corporations of Gambell and Savoonga at Gambell, Alaska. Representatives of the Navy, URS and both Native organizations attended. At that meeting, permission was granted by the Native corporations to conduct the Removal Action on St. Lawrence Island during the summer. Permission was also granted to utilize the land owned by the Natives for whatever purposes were necessary, especially for camp facilities access and use of the site landing strip.

Following approval, procurement activities began in order to acquire the needed equipment, supplies, materials and services necessary to perform the Removal Action. As stated, over 100 separate purchase orders amounting to over 3 million dollars were negotiated in accordance with Federal Acquisition Regulations (FAR). It was determined that subcontractors would be required for certain services. Shannon & Wilson, Inc., a major subcontractor on the CLEAN contract, provided sampling and laboratory services. They also supplemented URS personnel in the actual drum removal activities and in camp operation supervision. Subcontractors were also used for the transformer removal and for camp operations. Additionally, all transportation was accomplished by acquired service organizations. These services included helicopter services, barge operations, charter passenger air services and air cargo services.

The barge and mobile camp acquired for this project was based in Juneau, Alaska. The barge and camp traveled from Juneau to Anchorage in June and docked in Anchorage long enough to load all equipment, supplies and material which would be needed at St. Lawrence. The barge left Anchorage, Alaska on June 17, 1990 and arrived at Northeast Cape, St. Lawrence Island on June 26, 1990. However, on arrival the barge encountered rocks and shallow water conditions offshore preventing its approach. It was, therefore, anchored one-quarter to one-half mile off shore. Total travel time from Juneau to the site was 23 days. Actual mobilization time (clearing the barge and setting up camp) equaled seven (7) days occurring in the time frame of June 26, 1990 and July 4, 1990.

One of the first items unloaded, using an on-board 100 ton mobile crane, was a sixty-five (65) foot lightering craft powered by three (3) 200 hp outboards. This craft was the transporting/carrying vehicle throughout the unloading process. The process involved

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placing a semi-flatbed truck loaded with a fifty-six (56) foot ATCO trailer, on the lightering craft and transporting them to the beach.

Camp supplies and vehicles were containerized in eight-by eight-by twenty-foot connex boxes. This method of containerization is standard barge practice. Items not properly secured to the barge deck can be swept off the barge surface during dangerous seas and resulting high waves. Sixty-four (64) connexes were placed on semi-flatbed trucks, lightered to shore, and transported to the camp. Items not requiring containerization were the ATCO trailers, sewage treatment plant, water storage trailer, fuel iso-tanks, a 966 loader (front end loader), and two generator stations.

The camp buildings (ATCO units and individual items) were transported to a soil pad approximately two-hundred by three-hundred feet in size located southwest of the abandoned Air Force complex. All connexes and fuel iso-tanks were transported to the staging area soil pad located southeast of the abandoned Air Force complex. The connexes were placed in a "U" formation to facilitate unloading their contents and to create a large semi-protected work area. The fuel iso-tanks were placed adjacent to the helicopter pad.

An eight by twenty-eight foot ATCO unit was used as an office/communications facility. It was necessary to locate this satellite dish 3/4 of a mile from the main camp due to the geosynchronous alignment requirements of the satellite communications receiver.

Personnel were flown to the island from Nome by charter aircraft. All arrived by July 4, 1990 and operations were at full strength beginning that date.

5.3 ISLAND FACILITIES

Prior to arrival on St. Lawrence, the only usable facilities consisted of the landing strip and the road system from the landing strip and from the beach to the camp site. At one time, a road existed to the top of the mountain, but upper portions had been destroyed by washouts.

Since no facilities existed on the island, all living quarters and other facilities needed for execution of the work were brought in for the project's duration. The camp consisted of the following: nine (9) 56 foot long sleeping units consisting of four rooms each with two beds per room, a dining hall and kitchen, a recreational facility for viewing movies and playing games; sanitary facilities with showers, lavatories and toilets; a laboratory/office complex; a sewage treatment facility; a water treatment facility; an electrical generator which supplied 250 kw of power; and a communication/office complex. Two units of

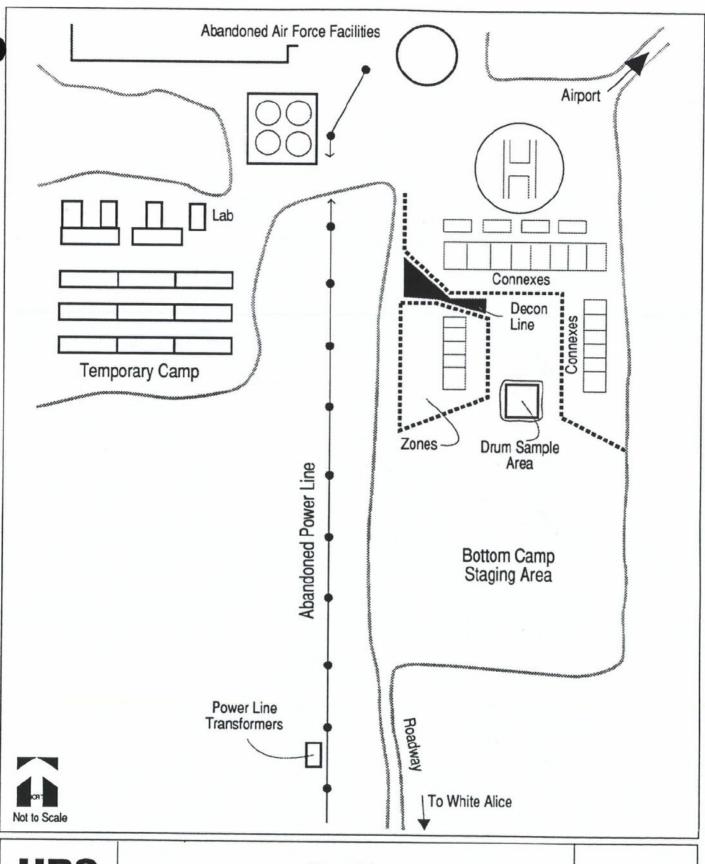
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one sleeping compartment were used as a medical facility.

Near the camp, a staging area was established which consisted of a soil pad, approximately one acre in size, bordered on the west by the road to the White Alice complex. The southern half of this area was an open space, allowing helicopters adequate room to maneuver and dispatch sling loaded cargo nets containing overpacks. The northern part of the staging area was open except for a "U" shaped wall of connexes lining the perimeter of the staging area. At the northwest corner of the "U", a contamination reduction corridor entered from the road into the center zone (courtyard) created by the connexes. A support zone extended around the inside of the "U" for fifteen feet to allow access to the connexes. Two cubic yards of beach sand were used to form a four-by four-foot diked containment area in the center of the exclusion zone. The containment dike was lined with two sheets of 6 ml plastic and all drum sampling was performed in this area. All other areas within the central courtyard were marked as an exclusion zone. Upon arrival, all overpacks containing drums were immediately unpacked from the cargo net, uprighted and contents noted. Each overpack was then sorted by content into waste streams according to combustibility, flammability, corrosiveness, pesticide or PCB content (Figure 5-1).

Due to the unusual weather conditions at Northeast Cape, it was apparent that helicopter transport to and from upper camp would be very unpredictable. During the course of this project, winds at upper camp often exceeded forty mph. Because of these high winds and sudden weather changes, i.e. ascending fog banks, helicopter transport could be curtailed with little warning. Therefore, an emergency route off the mountain was deemed necessary and the road to upper camp was re-opened.

The majority of the two mile road from the lower tram building to upper camp had been washed out over the years. The washed out areas were littered with rocks and water runoff debris. The switch-back portion of the road, below the upper camp summit, was entirely missing for a distance of eighty feet. The road was reopened in a two phase project. Phase one involved the clearing of the road of large rocks. In order to not disturb the vegetation outside of the road boundaries, the work was done by hand; rather than heavy equipment. Phase two involved the use of fill gravel to bridge the eighty foot gap below the summit. The road was completed and passable utilizing ATVs and 4-wheel drive vehicles. However, daily road maintenance was necessary to keep the road open.



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Figure 5-1 Bottom Camp Staging Area

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5.4 COMMUNITY RELATIONS

The uniqueness of the White Alice site, an abandoned AFB on the corner of an Eskimoowned island, required special considerations as alluded to in the following text.

Although Native permission to perform the removal had been acquired and hiring practices agreed upon, Native support throughout the duration of the Removal Action was promoted. This support translated into the hiring of a Yupik Eskimo from Savoonga to perform the role of coordinator between project personnel and both Native corporations and a Yupik Eskimo from Gambell as a heavy equipment operator.

When crew members were not on assignment, one or both of the Native employees would accompany personnel off-site. In this manner, personnel adhered to an original Native corporation request concerning accompaniment of project personnel when off-site. The off-site accompaniment also allowed the Natives to act as field guides.

In addition to the hiring practices, three all terrain vehicles were leased for the project from residents of Savoonga. These leases served the purpose of providing transportation for project personnel as well as facilitating the Native/project relationship.

One expression of the Native support for the project and its personnel was demonstrated in their extending of an invitation to project personnel to attend a celebration in Savoonga involving visiting Russian Yupik dancers. This event had not occurred in many years, apparently due to travel restraints imposed by both countries. URS personnel and visiting Navy personnel were honored by this invitation.

The Native population appeared to be very comfortable visiting the site as they often "dropped in" when traveling between Gambell or Savoonga and various fish camps.

5.5 DEMOBILIZATION

Following completion of the Removal Action and the SI CTO #0019, all camp facilities and products were reloaded onto the barge in a reversal of the original offloading. Other than weather delays, no problems were encountered during the reloading process. The major problem during demobilization was the wind. It contributed to creating twelve-foot seas that sank the lightering craft. However, the craft was salvaged and returned with the barge.

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As a portion of the overall project, a requirement was made to remove all facilities. supplies, equipment and debris from the island. After everything was reloaded onto the barge, the camp facility area was inspected by URS and found to be acceptable (as in prior to camp set-up). The barge returned to Anchorage where all products, equipment and excess supplies were unloaded and either processed, returned to the owners or stored in a warehouse obtained especially for this purpose. The barge then returned to Juneau 34 1/2 days after arriving at St. Lawrence to commence demobilization.

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6.0 REMOVAL ACTIONS

6.1 SITE SPECIFIC AREAS

The objective of the Removal Action was to remove, containerize, and transport approximately one-thousand (1,000) used steel drums, electrical components, transformers, roofing compounds, Petroleum Oil Lubricant (POL) products, pesticides, acids, and other removal-derived waste contained within four specific areas of the project. The four areas addressed are as follows:

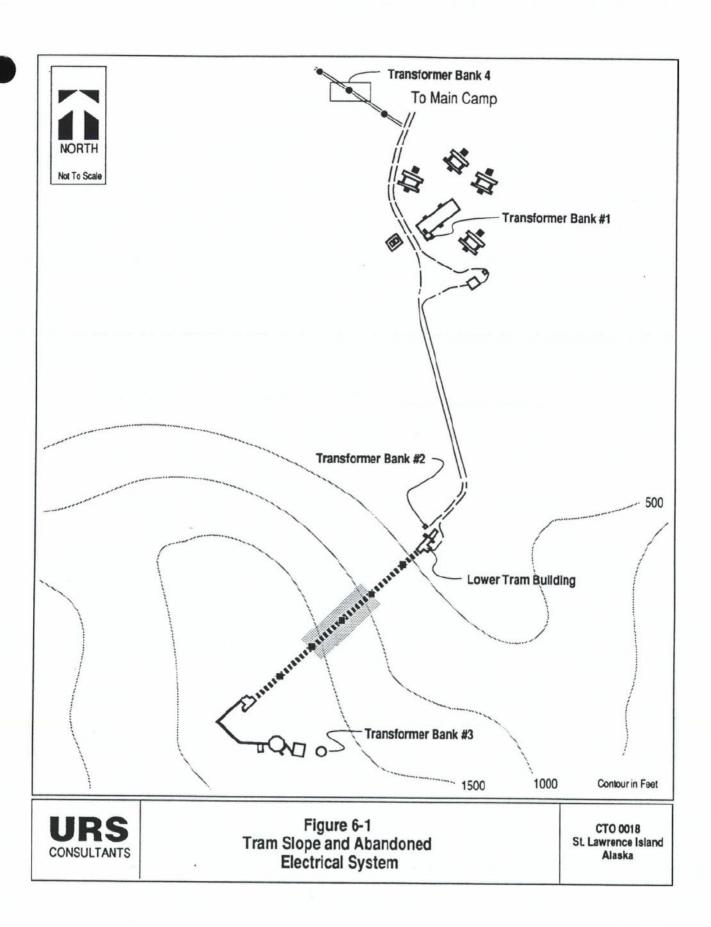
- Area 1 Tram Slope and Lower Tram Building (Figure 6-1)
- Area 2 Abandoned Electrical System (Figure 6-1)
- Area 3 White Alice Transmitter Facilities (Figure 6-2)
- Area 4 Upper Camp Drum Field and Facilities (Figure 6-3)

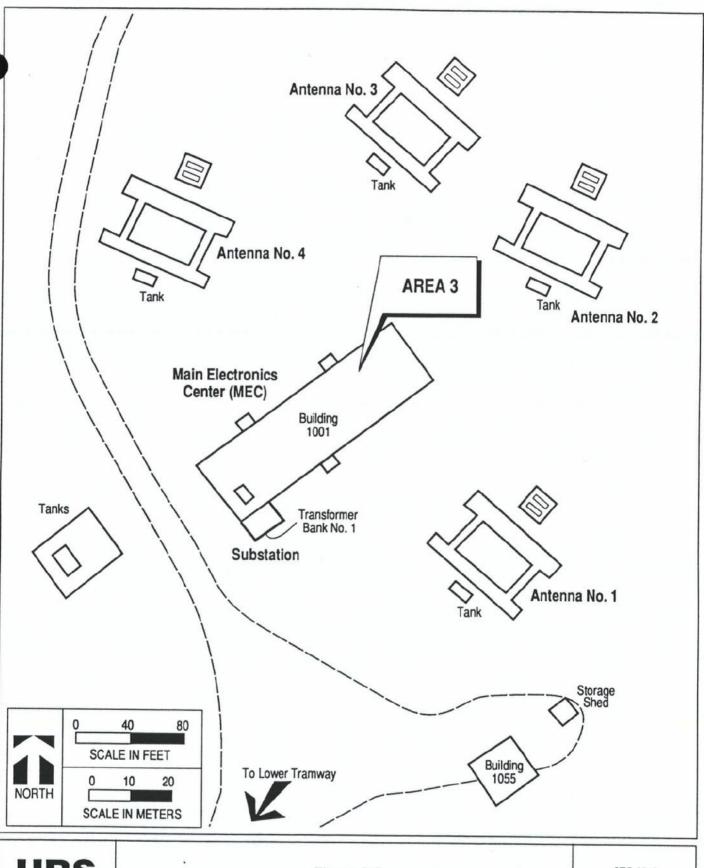
6.1.1 Area 1 - Tram Slope and Lower Tram Building

The Lower Tram Building contained one metal garbage can filled with POL saturated rags and ten (10) 55-gallon drums, containing rocks that were used by the Air Force as snow markers during the winter months. Prior to drum removal, two visual surveys on foot and from the air, were performed on the Tram Slope. Forty-six (46) 55-gallon storage drums were located between towers two and four, counting up the hill from the Lower Tram Building. These drums were either rusted out, crushed or damaged and the majority did not contain product.

6.1.2 Area 2 - Abandoned Electrical Systems

The substations of Building 1001, the Lower Tram Transformer Building, and the Upper Camp Transformer Building, as shown in Figure 6-1, revealed three separate large size transformer banks. Midway between the White Alice transmitter facilities and the abandoned AFB facility, under the main electric power line (Figure 5-1), a fourth bank of transformers was located on an unprotected platform. Details of each transformer bank are found in Appendix A and the following text:

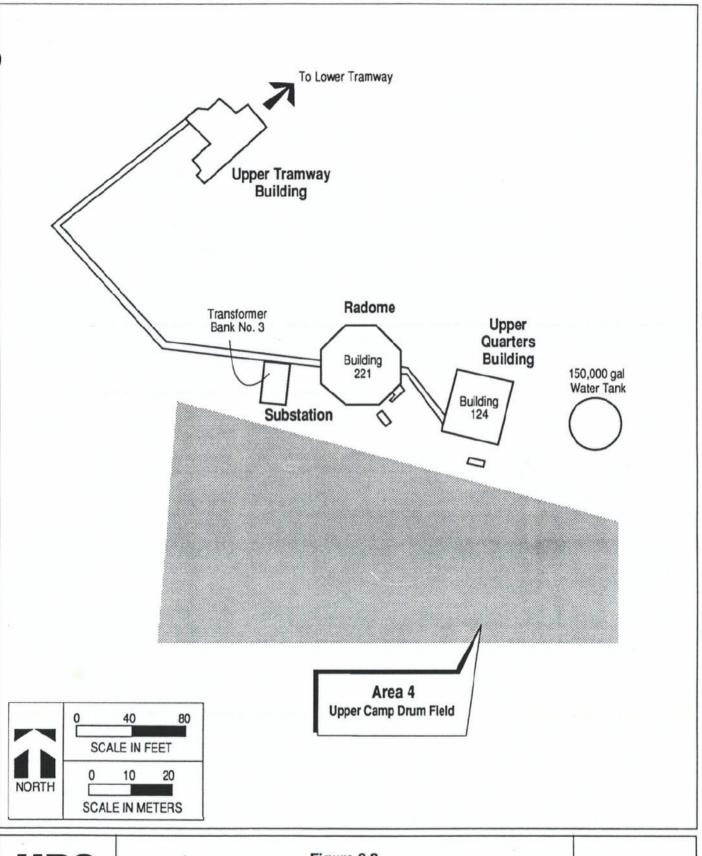




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Figure 6-2
White Alice Transmitter Facilities

CTO 0018 St. Lawrence Island Alaska



URS

Figure 6-3
Upper Camp Facilities and Drum Field

CTO 0018 St. Lawrence Island Alaska

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The transformers within the White Alice transmitter building (Building 1001) were located within a bank of radio cabinets. The bank, bolted to a concrete pad, contained two (2) 200-pound, four (4) 300-pound, one (1) 700-pound, and five (5) 800-pound transformers. An electrical substation, connected to the White Alice Building, contained two (2) 1000-pound transformers. These two transformers were bolted to the pad and there was no evidence of dielectric oil leakage or damage to any of the equipment.

The survey of the lower tram transformer building revealed a thirty by forty foot wood frame structure, partially destroyed by weathering, placed on a concrete pad. Situated in the center of the concrete pad was one (1) 1000-pound switch box, and one (1) 700-pound transformer. All of the electrical components were bolted to the pad and there was no evidence of dielectric oil leakage or damage to any of the equipment. Standing on soil, off the concrete pad in the southeast corner of the building, a 55-gallon steel drum labeled "Fuel Oil" had burst and considerable soil staining was evident.

The upper camp transformer building revealed a thirty by forty foot wood frame structure, partially destroyed by weathering, and similarly placed over a concrete pad. The building contained two (2) 500-pound switch boxes, four (4) 400-pound transformers, four (4) 700-pound transformers and two (2) 800-pound transformers. All of the electrical components were bolted to a concrete pad and there was no evidence of dielectric oil leakage or damage to any of the equipment. The building entry doorway contained one (1) 800-pound previously drained transformer. Soil staining was evident around the base of this transformer.

A transformer platform located under the main power line and halfway between the abandoned Air Force complex and White Alice facilities, contained three (3) 500-pound transformers. Two of the transformers were intact; however, the third transformer was damaged about three-quarters of the way up the unit. An apparent high caliber bullet had pierced the unit allowing the dielectric fluid to leak onto the wooden platform. There was evidence of soil staining under the platform and it was estimated that ten (10) gallons of dielectric fluid may have leaked from the damaged transformer.

6.1.3 Area 3 - White Alice Transmitter Facilities

The area surrounding Building 1001 was littered with seven (7) empty POL tanks, carbon dioxide (CO₂) and Dry Chemical fire extinguishers, transite asbestos tiles, three (3) empty 55-gallon drums and wood debris. The interior of Building 1001 contained one hundred thirty eight (138) 55-gallon drums stored in various locations throughout the entire building. This included one (1) full drum of antifreeze, fifteen (15) empty drums, twenty-six (26) full drums of aviation fuel, seventy-five (75) full drums of stove oil, one

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(1) partial drum of waste oil, and twenty (20) drums of waste fuel oil. Although none of the drums were leaking, five (5) were bulging and showed signs of corrosion damage. The majority of the drums were factory sealed (i.e. both bungs sealed and intact). The manufacturers' data printed on most drum heads was legible. Building 1001 also contained (labeled) one (1) box of sulfuric acid, one (1) gallon of liquid diazinon, ten (10) 5-gallon cans of roofing compound, one (1) 5-gallon can of creosote, three (3) tubes of grease, fifteen (15) CO₂ and ten (10) dry chemical fire extinguishers, and approximately 150 pounds of miscellaneous waste enamel paint.

Four trophosperic antennas surround the structures that make up the White Alice complex. Miscellaneous debris was found in and around the structures, but all of the antennas were devoid of hazardous materials.

The storage shed at the White Alice facility is an eight foot by twelve foot structure located approximately 160 feet southeast of Building 1001, and 30 feet east of Building 1055, (the automobile shop). This structure contained one (1) 5 gallon can of creosote, five (5) spools of coaxial cable, four (4) lead weights, fourteen (14) partially filled 100-pound propane bottles, and one (1) full box of sulfuric acid apparently for wet cell batteries. All of these items were marked for removal.

In addition to the above items, a metal box marked "Class A Explosives" was noted in the rear of the storage shed. Closer inspection revealed a closed, steel-banded box marked "80 pounds TNT", on each end. The area was evacuated and cordoned off. A Navy ordinance disposal team was dispatched to the site and the container was found to only contain "Class C" road flares.

Building 1055, the automobile maintenance shop, is located approximately 200 feet south of Building 1001. The shop contained eight (8) empty 55-gallon drums, one (1) full 55-gallon drum marked leaded gasoline and one (1) full 55-gallon drum of aviation gas. Both of the drums containing product were in good condition and showed no signs of leakage.

An aerial survey of the road and of the adjacent runoff stream, which runs from upper camp to bottom camp, was performed to locate any drums or questionable debris. A closer inspection revealed five (5) empty rusted drums in the stream bed and thirty-six (36) empty drums adjacent to the road right-of-way beginning at Building 1001 and continuing to upper camp.

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6.1.4 Area 4 - Upper Camp Drum Field and Facilities

Area four consists of a FPS-90 radar tower (Building 221), living quarters (Building 124), the Upper Tram Building, and the Upper Camp Drum Field which is approximately one mile in circumference. Building 221 and 124 were inspected and deemed totally devoid of hazardous materials. The survey team removed several empty, rusted 5-gallon containers that had been used to store POL products.

The Upper Tram Building contained one (1) 22-gallon drum of creosote, two (2) 55-gallon drums of antifreeze, twenty (20) one-gallon cans of dielectric fluid, and twenty-four (24) empty POL drums. All drums were factory sealed other than the empty POL drums and the manufacturers' data was legible on these. Braced against the south side of the upper tram building were twenty-five (25) 55-gallon drums full of gravel. Upon consultation with the Navy, these drums were left in place.

The Upper Camp Drum Field contained five hundred and fifty-five (555) empty 55-gallon drums, sixty-seven (67) crushed 55-gallon drums, ten (10) 55-gallon drums containing waste fuel oil, and one (1) 55-gallon drum of gasoline. Empty and crushed drums were distributed randomly throughout the drum field with major concentrations occurring approximately 100 and 275 feet downslope and southwest of the sewage outflow pipe. The drum of gasoline and the waste fuel drums were stacked on their sides approximately 175 feet downslope from the sewage outflow pipe, on the north side of a Cat trail that bisects the drum field from the lower road to a point midway between the Upper Transformer Building and the sewage outfall pipe. The drums containing gasoline and waste fuel oil were all rusted, in fair condition, and were all partially full. The crushed drums on the slope were generally partially buried due to Cat operations. Empty drums located west of the lower road surrounding the base of the Upper Camp Facilities were all empty and appeared to have been deposited in their locations by extreme wind conditions.

6.2 REMOVAL ACTIVITIES

Prior to any drum removal activities, twelve shipping containers of empty 95-gallon polyoverpacks (overpacks) were unloaded and distributed by helicopter to each of the four previously described areas. Three complete decontamination lines consisting of staged Alconox detergent washes and followed by fresh water rinses were established at White Alice, upper camp, and the bottom camp staging area to decontaminate all personal protective equipment (PPE), tools and overpacks.

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6.2.1 Area 1 - Tram Slope and Lower Tram Building

Ten (10) empty 5-gallon POL containers, six (6) CO₂ fire extinguishers, and one (1) metal trash can full of apparent POL saturated rags were removed from the lower tram building. All fire extinguishers were vented and all wastes were separated by waste stream type and placed into overpacks. All overpacks were decontaminated and transported to the White Alice staging area.

Eight (8) crushed and empty and thirty-eight (38) empty, (all rusted) 55-gallon storage drums were located between towers two and four on the tram slope. The majority of the drums were extracted in bulk bags by helicopter from the slope location and transported to the bottom camp staging area. An area of soil staining approximately twenty five foot in diameter was evident between towers two and three. The soil stains appeared to be POL products of an unknown variety and were sampled during the SI of CTO #0019.

The slope removal activity did not require overpacks and cargo nets except for two barrels with product that required overpacking and transport to the staging area. Overpacks, if not anchored, would roll or be blown down the tram slope by hovering helicopters. Therefore, drums and debris were packed into bulk bags prior to transport by helicopter to the bottom camp staging area. The drums and debris were then placed in overpacks.

6.2.2 Area 2 - Abandoned Electrical Systems

Prior to any transformer removal activities, two layers of 6 mil plastic sheeting were placed under the transformers in case of an unexpected spill.

All electrical equipment was surveyed and faceplate information recorded. Prior to disassembling the electrical equipment, each electrical lead was tested with a high voltage grounding rod. This ensured that no voltage sources were present due to capacitors connected in series or parallel with the transformers. After appropriate grounding, all related cables and wires leading to each transformer was severed using hacksaws, flexible wire saws and cable cutters. The bolts securing each transformer to its concrete pad were then sheared with cold chisels. Attempts to use a socket set to release the bolts failed due to rust and deterioration of the nuts.

Dielectric fluid was pumped from each transformer by inserting a flexible rubber hose into each access port. The hose was then connected to a twelve gallon per minute pump which in turn was powered by a 1.5 kw portable generator. The fluid from each

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transformer was pumped into Department of Transportation (DOT) approved 17-E bung drums.

Transformer faceplate information on all of the transformer labels read "Askarel". This is a trade name dielectric cooling fluid and implies a 90% PCB concentration. Accordingly, the contents were assumed to contain PCBs in excess of 500 parts per million (ppm) and were handled and disposed of as such. Samples were not required prior to disposal as directed by the Defense Reutilization and Marketing Service (DRMO).

Each drained transformer was filled with diesel fuel for a 24 hour time period. At the end of this period, the diesel fuel was pumped from each transformer into DOT 17-E bung drums. The dry carcasses were then partially filled with vermiculite to absorb any residual diesel fuel. Each transformer was resealed and the outer surfaces were wiped down with diesel fuel to remove any dielectric oil residue. The transformers were then diapered in three layers of 6 mil plastic, placed on wooden pallets, and secured with steel banding material.

Twenty-two (22) sealed capacitors were removed from the radio cabinets in Building 1001. These capacitors were manufacturers' sealed units and contained no access valves or sample ports. Pursuant to 40 CFR 761.3, these capacitors were bulked into one waste stream comprised of large capacitors (i.e., units greater than nine (9) pounds), diapered in polyethylene and placed into poly-lined DOT 17-H drums.

A staging area was established adjacent to the road at the White Alice complex. This area was lined with two layers of 6 mil plastic sheeting for ground protection and all transformers, capacitors, switch gear, PCB fluids and debris were staged at this location prior to containerization.

6.2.3 Area 3 - White Alice Transmitter Facilities

Prior to removal activity in Building 1001, all factory sealed drums were visually inspected for damage. Pertinent manufacturer information was noted, and each drum was positioned so that the bung would face upward when placed into the overpack. Drums that were not factory sealed were sealed with PVC patches or wooden bung plugs. Miscellaneous debris including wet cell automobile batteries, and boxes labelled "sulfuric acid" were placed into poly-lined DOT 17-H drums and nested with sorbant materials. All fire extinguishers were removed, vented and overpacked. Grease, oil, Liquid Wrench, WD-40, rubber sealant, roofing tar, Coleman fuel, and paint were separated by waste stream and overpacked. All overpacked materials were transported

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through the west exit door to the White Alice staging area.

The following contents were removed from the White Alice storage shed: one (1) 5-gallon can of creosote and one (1) twenty pound steel container of road flares. Each item was separated by waste stream, overpacked, and moved to the White Alice staging area. One (1) full box of sulfuric acid was removed and packaged with the sulfuric acid from Building 1001. Fourteen (14) propane bottles were removed to an outside location and slowly vented for thirty-six hours. The empty bottles were then transported to the bottom camp staging area and chained to the inside of a shipping container for off-island shipment.

In Building 1055, eight (8) empty 55-gallon POL drums, and one (1) drum each of leaded and aviation gasoline were overpacked and moved to the staging area. The leaded and aviation gasoline drums were factory sealed, in good condition, with legible manufacturers' labels.

Forty-one (41) drums full of rocks, used as road markers, were removed from the road right-of-way to upper camp and from the creek. These drums were rusted and in poor condition. The drums were emptied and placed into overpacks for removal.

6.2.4 Area 4 - Upper Camp Drum Field and Facilities

The overpacking process at Upper Camp began with the empty drums. Drum crew members visually inspected each drum ensuring there was no product evident prior to overpacking. There were five hundred and fifty-five (555) empty drums and sixty-seven (67) crushed drums. One (1) factory sealed drum labeled "leaded gasoline" was handled in the same manner as at Building 1001. Twenty-eight (28) drums containing product were sealed with polyvinyl chloride (PVC) patches or wooden bung plugs. None of the drums containing product required pumping into another container (HNu testing demonstrated action levels within safety limits) prior to overpacking and transport to the bottom camp staging area.

From the Upper Camp Tram Building fifteen (15) empty five-gallon cans, non-PCB electrical switch gear, one (1) 22-gallon drum of creosote, two (2) 55-gallon drums of antifreeze, twenty (20) sealed, one-gallon cans of dielectric oil, and twenty-four (24) empty drums were separated into waste streams and packed into overpacks. All overpacked drums removed from the Upper Camp Tram Building were staged on the road leading to the building prior to transport to the Bottom Camp staging area.

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6.3 GRID SURVEY

Upon the completion of the Removal Action, a survey was conducted to determine the location of the drums. A twenty-five by twenty-five foot grid system was laid out at the upper camp drum field, located below buildings 124 and 221 (Figure 6-7), to assist in the drum location. Following removal of the drums, survey stakes were placed to mark each drum's location (Figure 6-8). Three additional grids, each ten feet by ten feet were established to assist in sampling locations. These grids were located at the White Alice substation (Figure 6-4), the lower transformer building (Figure 6-5) and the upper transformer building (Figure 6-6).

6.4 WEATHER

As previously noted, the weather was a constant factor impacting the work schedule. In summary, the following list demonstrates the weather at Northeast Cape and its effects during the Removal Action.

| Conditions | <u>Days</u> |
|----------------|-------------|
| Clear | 19 days |
| Rain | 13 days |
| Fog | 18 days |
| Cloudy | 3 days |
| Wind > 20 mph | 11 days |
| Wind < 20 mph | 12 days |
| Effects | <u>Days</u> |
| Work Delays | 2 days |
| Work Stoppages | 7 days |

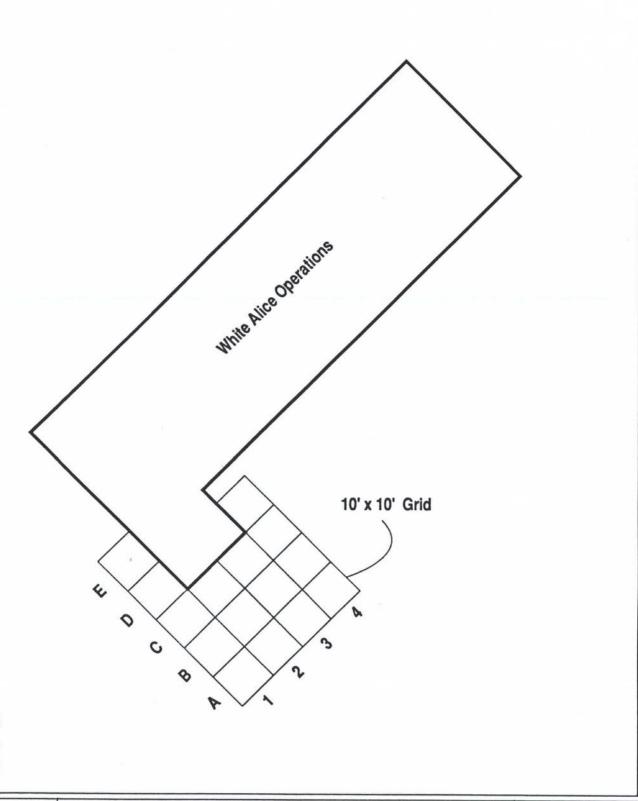




Figure 6-4 Sample Grid

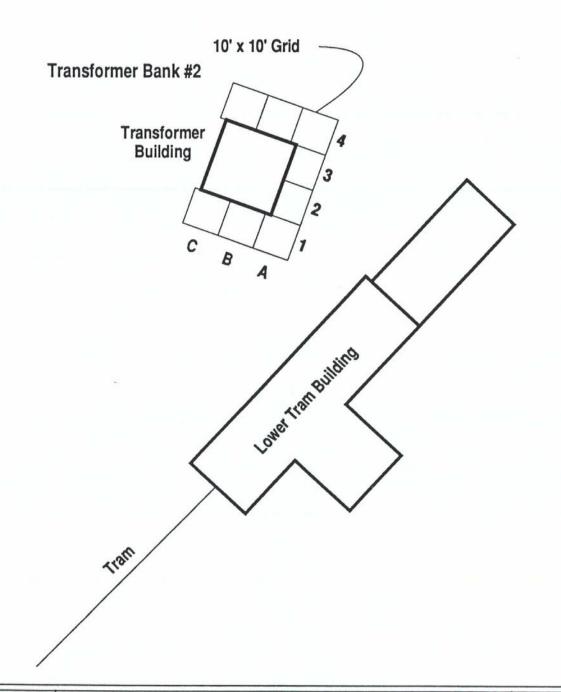
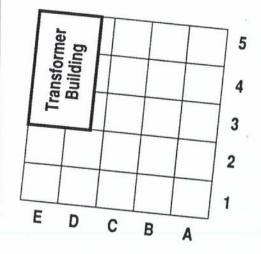




Figure 6-5 Lower Tram Transformer Building Sample Grid



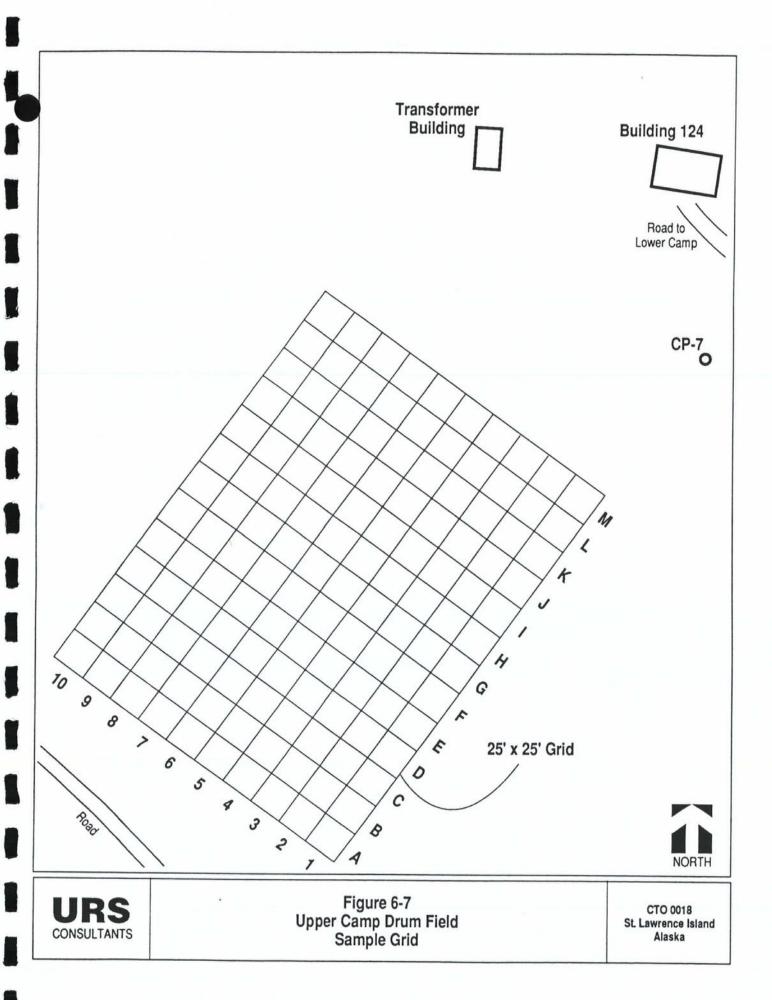


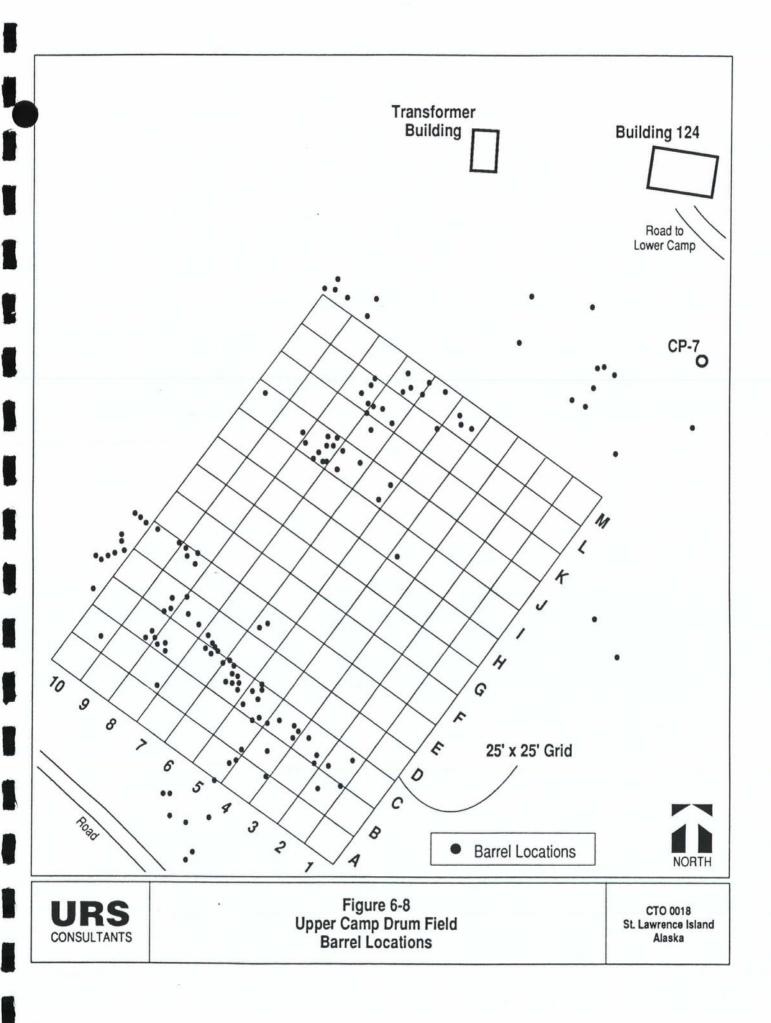
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Figure 6-6 Upper Camp Transformer Building Sample Grid





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7.0 SAMPLING AND ANALYSIS

7.1 DRUM SAMPLING

All drums were sampled following the method outlined in the Field Sampling Plan (URS 1990B). The drums were opened at the bottom camp staging area. All drum sampling was performed in the containment area using a non-sparking chisel to punch a hole in the drum, or by opening the bung on the drum. The top of each drum was cleaned to prevent contamination and an 11 mm glass tube collected the sample. The collected sample was then placed into a sample jar; labeled with the drum number, the sample volume, client name, date and collection time.

A chain-of-custody form was completed and the samples stored in a portable storage container (Appendix B). All samples and the chain of custody forms were immediately transported to the on-site laboratory. The on-site chemist received and logged in the samples. Travel time from the staging area to the laboratory was approximately one minute and icing of samples was not required. The samples were kept in refrigerators in the laboratory while awaiting analysis.

7.2 LABORATORY RESULTS

The field screen completed on St. Lawrence Island was designed to identify and classify unknowns into groups of known wastes for shipment. The test procedure used for this purpose was the Hazcat Chemical Identification System (Hazcat) as produced by Haztech System, Inc. This application enabled the project to utilize a cost-effective method of classifying unknown wastes according to DOT regulations.

However, sixteen (16) samples and three (3) composite samples were collected and shipped off-site at the request of DRMO to be analyzed for PCBs and metals. This specific request related to disposal methods employed by the disposal facility. Although time constraints precluded the off-site analysis to be completed prior to project completion, the PCB and metals analysis was combined in the Quality Assurance/Quality Control (QA/QC) requirement described in Section 7.3.

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The laboratory results are presented in Appendix C. Appendix C-I lists all of the results in order of ascending drum number. Appendix C-II presents the data in groups according to the classification of unknowns. The two tables are divided into background data and analytical results. The background data lists the sample number (which is the same as the drum number), the dates the samples were collected, the date the tests were performed, the location where the drums were found, and the page number in the two laboratory notebooks where the results were recorded. The analytical section lists the tests performed and the results of the classification. The first eight tests shown in the tables were the primary classifying tests of unknowns. The tests were:

- Water Solubility Used to determine if an unknown is an acid or base, a solvent, oil/fuel, or alcohol/antifreeze by observing if the sample reacted with the water; sunk, floated or dissolved.
- Combustibility Test This test demonstrates the type of oil, fuel, solvents in that the sample is flammable, combustible, or non-flammable.
- Chlorine Hot Wire Test The color of the flame demonstrates whether the unknown contains amines, chlorinated solvents or nitrates.
- Iodine Crystal Test An indicative test for solvent classification.
- Water Test This test determines if more than one percent water is present.
- Chlor-D-Tect Test This is a test for PCBs and determines if halogens are present in 50 mg/l or 1000 mg/l concentrations.
- Iron Test This is a confirming test for the presence of iron.
- pH Test This test is used to determine if a waste is reactive or corrosive.

Additional tests, including specific gravity, flash point and boiling point were also used to further classify the waste.

Prior to the removal of drums containing known (labeled) and unknown liquids, contents were sampled and analyzed in conjunction with Federal Guidelines. The analysis determined the proper DOT, EPA and DRMO classifications for shipment and final disposition of waste.

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Of the over one-thousand (1000) drums and other containers found on the project site, one-hundred seventy-four (174) contained an unknown product and were sampled for classification prior to shipment off St. Lawrence Island for disposal. The unknowns included water, fuel oil, antifreeze, aviation fuel, various kinds of oils and soap. Table 7-1 lists the number of containers for each type of unknown product found.

7.3 QUALITY CONTROL

Several methods of providing QA/QC for the project were implemented. The Field Sampling Plan (URS 1990B) specified splitting five (5) percent of the samples and collecting ten (10) percent duplicate samples for testing at an off-site laboratory. Nine (9) samples were split which are flagged in Appendix C-III. In all cases the classification of the unknowns are the same.

Sixteen (16) duplicate samples and three (3) composite samples of fuel oil were taken and sent to Chemical & Geological Laboratories of Alaska for comparative testing (Appendices C-IV and C-V). Two samples (Drum 641 and 404) analyzed in the on-site laboratory indicated the possible presence of halogenated hydrocarbons, whereas Chem-Geo did not detect PCBs. The waste in these two samples apparently contain some type of chlorinated solvent or inorganic salt which is appearing as halogenated hydrocarbon and the two drums do not contain PCBs. However, two drums (Drums 1017 and 144) do show the presence of PCBs in the off-site laboratory analysis which is lower than the detectable limit of the field tests which show no detectable PCBs.

In addition, the sixteen (16) duplicate samples and three (3) composite samples were analyzed for metals. Drum number 1017 revealed an elevated level of barium and drum numbers 642 and 904 revealed levels of arsenic; although well below the maximum allowable OSHA exposure limit of 0.010 mg/m³ for arsenic, and 0.5 mg/m³ for barium.

7.4 CONCLUSIONS

The sampled drums and containers found at Northeast Cape, St. Lawrence Island contained materials common to what was used at the site while it was in operation. Most of the drums appeared to have been empty and had collected rain water over the years the site was not in use. Some of the drums containing product appeared to have been diluted or contaminated with rain water.

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TABLE 7-1 CONTENTS AND QUANTITY OF DRUMS SAMPLED

| Contents | No. of Containers |
|--------------------------------------|-------------------|
| Water (probably rain water) | 124 |
| Fuel oil | 30 |
| Fuel oil with water | 6 |
| Gasoline (leaded) | 2 |
| Graphite Grease | 3 |
| Graphite Grease with water | 2 |
| Oil | 4 |
| Oil with water | 4 |
| Oil with PCB contamination | 1 |
| Oil and water with PCB contamination | 1 |
| Aviation Fuel | 3 |
| Antifreeze | 6 |
| Creosote | 3 |
| Soap | 1 |

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Using the Hazcat test kit to classify the unknowns proved to be cost efficient and an effective method to classify the type of waste for disposal. The nine split samples (approximately five percent of the samples analyzed) gave the same results. The classification of the waste was identical to each split sample. In addition, the results of the split analyses verified that proper QA/QC procedures were being followed in the St. Lawrence Island on-site laboratory.

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8.0 SITE SAFETY

During CTO #0018 Removal Action tasks, all health and safety guidelines outlined in the Health and Safety Plan were implemented (URS 1990C). A brief summary of safety issues is presented below.

8.1 TRAINING

Training courses were conducted as required under 29 CFR Part 1910.120, Occupational Safety and Health Administration (OSHA), Hazardous Waste Operations and Emergency Response, Final Rule. Courses included Hazardous Waste Worker Training (40 hours), Supervisor Course (8 hour), Hazardous Waste Worker Training (8 hour refresher), and Site Specific Training for Support Personnel (24 hours). Other regulatory agency requirements included baseline physical examinations, first aid and CPR training and DOT manifesting.

8.2 WORK ZONES (AREAS 1-4)

Safe work zones were established around all of the hazardous waste areas in accordance with 29 CFR 1910.120. Support, contamination reduction and exclusion zones were established around the airport control tower, White Alice complex, and the lower tram building. Zones were also established at upper camp and adjacent to the remaining abandoned Air Force facilities. All work zones consisted of staking, fluorescent barrier tape and warning signs to alert site personnel to the potential hazards on-site. Ten (10) POL storage tanks were zoned as exclusion areas to prevent confined-space entry by personnel. Contamination reduction corridors were extended from each exclusion zone and were utilized during decontamination.

8.3 ASBESTOS SAMPLING

Prior to any drum removal activities, bulk and air asbestos samples were collected from each area within the scope of the project. These sampling efforts were authorized under CTO #0019 which was accomplished concurrently with CTO #0018. All laboratory summary data for asbestos sampling is referenced in the CTO #0019 Site Inspection Final Report (URS 1990D).

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8.4 AIR MONITORING

Before and during drum removal activities, ambient air monitoring was conducted, using an ultraviolet photoionization detector (HNu), a flame ionization detector (FID), and a combination oxygen explosimeter (H₂S/0₂). In all cases, monitoring results were below established action levels.

8.5 PERSONAL PROTECTIVE EQUIPMENT

During all removal activities, disposable and nondisposable PPE were utilized. Level C PPE consisted of PVC or Tyvek suits, inner and outer gloves, boot covers and full face air-purifying respirators with organic vapor and high efficiency particulate air (HEPA) canisters.

8.6 **DECONTAMINATION METHODS**

Separate decontamination (decon) lines were established at White Alice facilities, upper camp, and at bottom camp staging areas. Each decon line consisted of staged Alconox detergent washes, followed by fresh water rinses for all PPE. All overpacks were decontaminated using the same methodologies utilized for PPE (Figures 8-1, 8-2, 8-3).

8.7 HELICOPTER SAFETY

To ensure safe helicopter operations during drum removal activities, each of the tram towers and the cables suspended between the towers were marked with fluorescent orange surveyor tape. Wind socks were erected in each support zone to aid the pilots, and all drum crews maintained VHF radio contact with both helicopters while performing work tasks. All personnel were required to wear full-face respirators while working near helicopters for protection from flying debris.

8.8 TRAM SLOPE OPERATIONS

During the initial descent of the tram slope, crew members were mountain climbing harnesses and ropes for stability and safety of the team. Due to the steep slope gradient, hiking boots were worn during slope tasks. Outer boot covers were not worn on the slope to prevent potential injury from slipping.

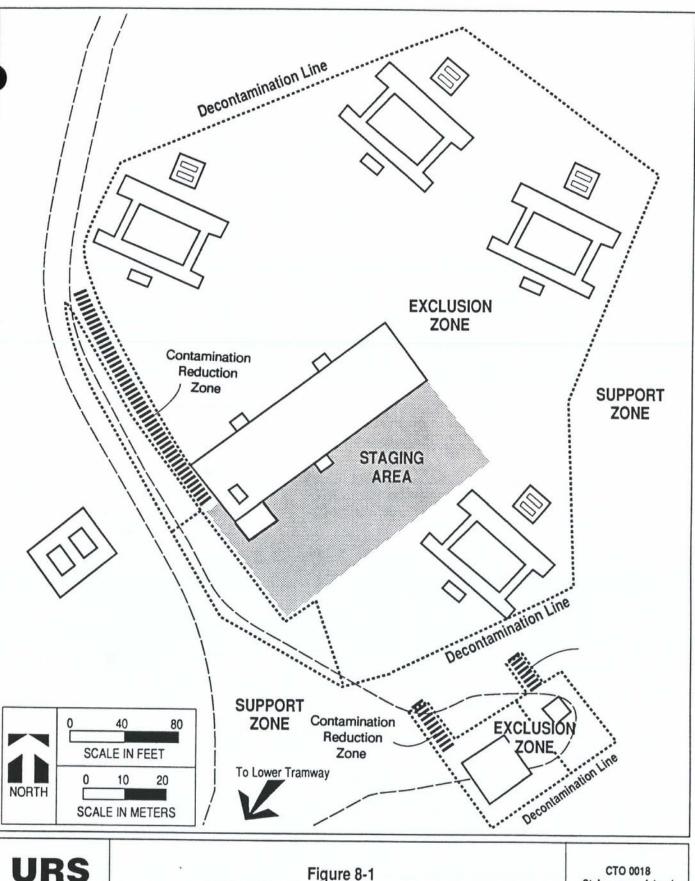


Figure 8-1
White Alice Site Decontamination Areas

St. Lawrence Island Alaska

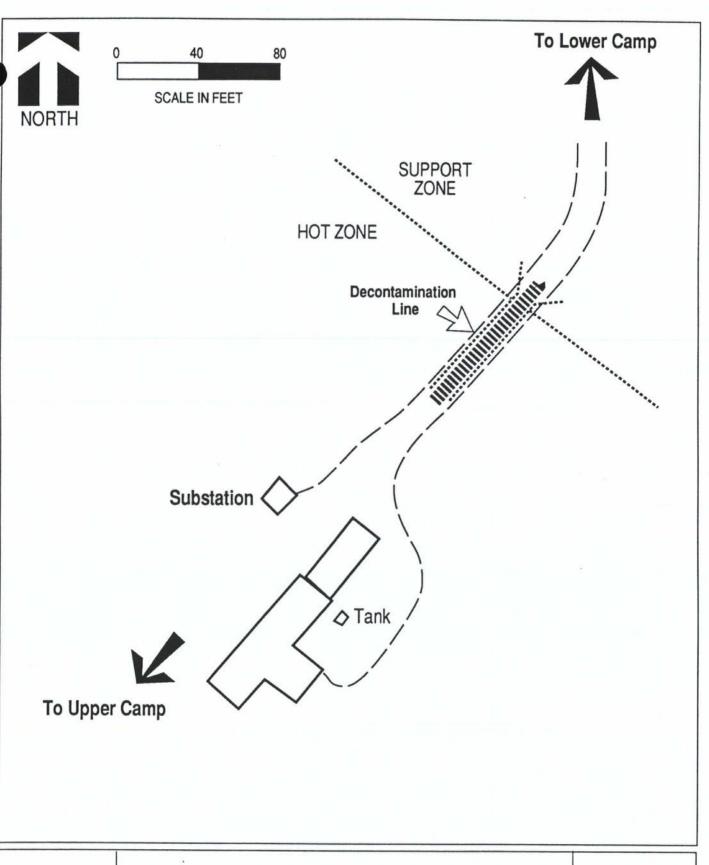


Figure 8-2 Lower Tram Building Decontamination Line

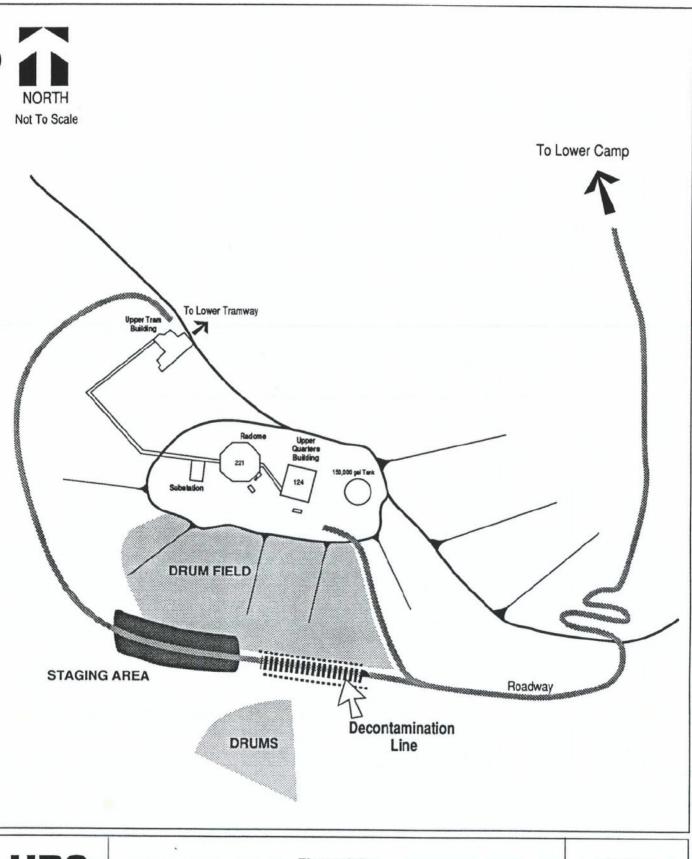


Figure 8-3 Upper Camp Decontamination Line

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9.0 FINAL DISPOSITION

9.1 HAZARDOUS WASTE MANIFESTING

All hazardous waste and materials from St. Lawrence Island were manifested in accordance with Department of Transportation regulations as set forth in 49 CFR Parts 100-177.

Removal Action derived waste was containerized into drums and/or overpacks for offsite removal. All solid wastes including used PPE, soiled paper towels, absorbent pads, polyethylene sheeting, cargo nets, etc., were containerized into overpacks or DOT 17-H drums. Liquid wastes including diesel fuel transformer rinsate, waste oil, and water was containerized into DOT 17-E drums. All DOT approved steel drums containing solid or liquid products were overpacked prior to barge shipment.

As indicated in Appendix D, a total of one-hundred-twenty-nine (129) drums, four (4) switch gear units, and twenty-seven (27) pallets of PCB contaminated materials were generated during the Removal Action. All PCB drums, pallets, and switch gear units were identified with a large format PCB identification label and ORM-E stickers as described in 40 CFR 761.45. Seventy-four (74) drums contained solid PCB contaminated materials which included used PPE, one (1) small, empty, dry, capacitor-sized transformer, small capacitors, large capacitors and fluorescent light ballasts. Fifty-nine (59) drums contained liquid PCB materials which included dielectric fluids drained from the transformers, dielectric fluid in original shipping containers, and PCB contaminated diesel rinsate and decontamination solutions.

Other DOT manifested materials included one (1) drum containing corrosive materials (batteries/acids), thirty-three (33) drums containing combustible liquids, one (1) drum containing pesticide, and eight drums (8) containing flammable liquids. As required, each drum was identified with either large PCB, Corrosive, Combustible Liquid, Poison, Flammable Liquid or Hazardous Waste labels. All drums, except for the drum containing pesticides, were labeled with ORM-E stickers. The pesticide drum was labeled with an ORM-A sticker. (ORM-E and ORM-A refer to "Other Regulated Materials" and a specific relevance to either hazardous waste or toxicity).

Non-DOT regulated materials included two (2) drums of antifreeze and four (4) drums of waste oil. These drums were labeled with large Non-Regulated Waste and Non-

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Hazardous Waste labels. Seven-hundred-seventy-six (776) drums were empty and required no labels.

9.2 BARGE SHIPMENT

The barge departed Northeast Cape carrying thirty (30) connexes of hazardous waste materials. Due to limited shipping space, the drums were not separated into empty, solid, or liquid waste streams. The entire shipment was manifested as a bulk shipment. All drums were separated by hazard class as required by Department of Transportation (Appendix E).

9.3 SECOND SHIPPER MANIFEST

Following arrival in Anchorage, Alaska, the barge was unloaded of all materials on September 19, 1990. The Defense Reutilization and Marketing Service (DRMO) operates two hazardous waste receiving sites at Elmendorf AFB. Site One accepted all overpacks containing empty, factory sealed drums, and the transformer carcasses (i.e., the Toxic Substance Control Act [TSCA] wastes). Site Two accepted all overpacks that contained hazardous waste (i.e., the Resource Conservation and Recovery Act of 1976 [RCRA] wastes).

Prior to transport to DRMO, each connex was repacked to comply with the DOT regulations concerning motor transport of hazardous wastes. Ten new hazardous waste manifests were generated for truck transport with each manifest representing a single connex of hazardous waste. Overpacks that contained empty drums were considered non-hazardous and were shipped on a Standard Bill of Lading (Appendix F).

The Defense Logistics Agency (DLA) representatives at DRMO required all hazardous waste and hazardous materials to be manifested in accordance with Form DD1348-1 (Appendix G).

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10.0 PROJECT CRITIQUE

10.1 PROJECT PLANNING

Due to various factors, the two month time frame available for procurement of services, equipment and supplies and general project planning was insufficient. In remote areas of Alaska where no local infrastructure or services exist, sufficient time should be allotted to allow efficient, economical and safe project planning.

10.2 SITE VISITS

Since heavy snow covered the St. Lawrence site during the project planning process, a site visit was not possible prior to field work commencement. This lack of a site visit required assumptions to be made which were not as efficient or economical as hoped. A site visit to such remote sites is a necessity for proper project planning and should be required in future projects.

10.3 COMMUNITY RELATIONS PROGRAM

An effective community relations program is necessary if a project of this magnitude is to be successful. Early efforts in obtaining the St. Lawrence Islanders' approval of this project proved to be a major positive factor in successfully accomplishing the project. The local community must be kept informed as to the status of such projects and their positive acceptance should be required.

10.4 EXPERIENCED PERSONNEL

A joint decision of URS, Shannon & Wilson and the Navy to hire college students who were in the Environmental Studies field for temporary summer drum removal crews was made early in the project planning process. Although many of these inexperienced employees were very satisfactory, some were less than adaptable to the work, the hostile climate and the isolated and spartan living conditions. It is recommended that work crews on future projects be composed of more experienced people. This experience should include both technical and remote working experience.

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10.5 COMMUNICATION SYSTEM

An effective communication system is a necessity for a successful project in remote Alaska. The satellite telephone system complete with fax capabilities, complemented with an effective local radio system was established for this project. The system worked well to begin with, but developed problems as the project progressed due to a number of factors. It is recommended that in future projects, major importance be placed on a properly operating communications system. On-site communications maintenance personnel should be considered necessary.

10.6 HELICOPTER USAGE

Due to the rugged mountainous terrain at this site, it was necessary to use helicopters for the transportation of personnel, supplies and debris to and from the top of the mountain. Since planning for this project was accomplished without a site visit, a conservative attitude was assumed and it was deemed desirable to have two helicopters available for the entire length of the project. In retrospect, one helicopter would have sufficed.

10.7 WASTE DISPOSAL

Many problems developed in delivery of the waste products from St. Lawrence Island to the DRMO at Elmendorf AFB in Anchorage. These problems proved costly and created less than friendly relationships among all concerned. In the future it is recommended that all hazardous wastes and hazardous materials be barged directly to a Treatment Storage Disposal (TSD) facility (in Washington or Oregon). Significant cost savings would occur by eliminating intermediate handling of hazardous wastes which cannot legally be disposed of in Alaska.

10.8 LIAISON EFFORTS

All future CTO projects at Northeast Cape, St. Lawrence Island, should be coordinated with any remedial efforts of the Army Corps of Engineers Defense Environmental Restoration Program (DERP). Joint cleanup efforts would result in significant cost savings to Navy CLEAN and the Corps of Engineers DERP program.

If joint cleanup efforts are undertaken by the Navy and the Corps of Engineers, a project duration camp facility should be erected on site. In addition, the dockage location and access road need to be upgraded.

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11.0 REFERENCES

- Naval Energy and Environment Support Activity. January 1990. Preliminary Assessment Report, White Alice Site, Northeast Cape, Saint Lawrence Island, AK, NEESA 13-205.
- URS Consultants, Inc. 1990A. URS CLEAN Work Plan for CTO #0018/#0019, SI/RA. Seattle, Washington.
- URS Consultants, Inc. 1990B. URS Clean Draft Field Sampling Plan for CTO #0019 SI. Seattle, Washington.
- URS Consultants, Inc. 1990C. URS CLEAN Health and Safety Plan for CTO #0018/#0019, RA/SI. Anchorage, Alaska.
- URS Consultants, Inc. 1990D. URS Clean Final Report for CTO #0019 SI (Pending). Anchorage, Alaska.

APPENDIX A

TRANSFORMER INFORMATION

Diag. #90-2750

Appendix A Revision No.: 0 Date: May 16, 1991 Page 1

APPENDIX A

FACE PLATE INFORMATION

| <u>ITEM</u> | AS-FOUND LOCATION |
|--|------------------------------------|
| Molony Elect. Ser. #1953123 Type LL-2 1 phase 60 cycle KVA 15 Volt 2400/4160 y x 720012470 y 120-240 | Lower Tram Substation |
| G.E. Ser. #9730747 KVA 37 1/2 Rate 7200/12470 y - 240/480 | Lower Tram Substation |
| G.E. Ser. #9730748 KVA 37 1/2 Rate 720/12470 y - 240/480 | Lower Tram Substation |
| G.E. Ser. #9730749 KVA 37 1/2 Rate 7200/12470 y - 240/480 | Lower Tram Substation |
| G&W Elec. Specialty Co. Type (RAL-FCR) Volt 7.5 kv Cat #RALFC62B4 Ser. #D9062-54 | Lower Tram Substation |
| Magnatron, Inc. Type AISC 30 Ohm Volt 20 kva Ser. #8186 Spec. #1293 Diag. #90-2750 | White Alice Communication Building |
| Magnatron, Inc. Type AISC 30 ohm Volt 20 kva Ser. #8233 Spec #1293 | White Alice Communication Building |

Appendix A Revision No.: 0 Date: May 16, 1991 Page 2

Appendix A (continued)

ITEM

AS-FOUND LOCATION

Magnatron, Inc. Type AISC 30 ohm Volt 20 kva Ser. #8221 Spec #1293 Diag. #90-2750

Magnatron, Inc. Spec. #1295 kva .44 Ser. #8267 Type HI-REACT Cycle 50/60 Phase 1

Magnatron, Inc. Spec. #1295 kva .44 Ser. #8268 Type HI-REACT Cycle 50/60 Phase 1

Magnatron, Inc. Spec. #1295 kva .44 Ser. #8286 Type HI-REACT Cycle 50/60 Phase 1

Magnatron, Inc. Unitized Rectifier Spec. #1366-A-01 Ser #8153 Diag. #A-91-3441 kw 1.7 kva 3.76 Volts 208 cycle 50/60 Phase 1

Magnatron, Inc. Unitized Rectifier Spec. #1366-A-01 Ser #8129 Diag. #A-91-3441 kw 1.7 kva 3.76 Volts 208 cycle 50/60 Phase 1

Magnatron, Inc. Unitized Rectifier Spec. #1366-A-01 Ser. #8158 Diag. #A-91-3441 kw 1.7 kva 3.76 Volts 208 cycle 50/60 Phase 1 White Alice Communication Building

Appendix A Revision No.: 0 Date: May 16, 1991 Page 3

Appendix A (continued)

ITEM

AS-FOUND LOCATION

Magnatron, Inc. Spec. #1294 Ser. #8092 Diag. #B-90-2751 kw 34 kva 39 Cycle 50/60 1 phase- 208 V 3 phase-208 V

Magnatron, Inc. Spec. #1294 Ser. #8095 Diag. #B-90-2751 kw 34 KVA 39 Cycle 50/60 1 phase- 208 V 3 phase-208 V

Diag. #B-90-2751 kw 34 KVA 39 Cycle 50/60 1 phase- 208 V 3 phase-208 V Magnatron, Inc.

Spec. #1294 Ser. #8109 Diag. #B-90-2751 kw 34 kva 39 Cycle 50/60 1 phase- 208 V 3 phase-208 V

Hill Transformer Co. Ser. #142524 kva 100 type DAZ V7200/12470 y - 120/240

Hill Transformer Co. Ser. #142525 kva 100 type DAZ V7200/12470 y - 120/240

Hill Transformer Co. Ser. #142529 KVA 100 Type DAZ V7200/12470 y - 120/240

G&W Elec. Spec. Co. Ser. #(8096-293) Type FCBX V 8000 Amp 1000 Cat #3BXC61B-EC-T White Alice Communication Building

Appendix A Revision No.: 0 Date: May 16, 1991 Page 4

Appendix A (continued)

ITEM

AS-FOUND LOCATION

Standard Tranx Co. Ser. #109042 60 cycle 25 KVA Type A Type HV Volts 7200/12470 y - 120/240 Transformer Bank No. 4

Standard Tranx Co. Ser. #109049 60 cycle 25 KVA Type A Type HV Volts 7200/12470 y - 120/240

Transformer Bank No. 4

Standard Tranx Co. Ser. #109047 60 cycle 25 KVA Type A Type HV Volts 7200/12470 y - 120/240

Transformer Bank No. 4

G&W Elec. Specialty Co. Type - (RAL-FCBX) Volts 7.5 kv Amps 200 Ser. #D9062-54 Cat. #RALFC62BX

Transformer Bank No. 3

G&W Elec. Specialty Co. Type - (RAL-FCBX) Volts 7.5 kv Amps 200 Cat. #RALFC62BX

Transformer Bank No. 3

General Electric Type HS KVA 37.5 60 cycle 1 phase Ser. #B368542 Volt Rating 7200/12470 y - 120/240

Transformer Bank No. 3

G.E. Type HS KVA 37.5 60 cycle 1 phase Ser. #B511418A Volt Rating 7200/12470 y - 120/240 Transformer Bank No. 3

Appendix A Revision No.: 0 Date: May 16, 1991 Page 5

Appendix A (continued)

ITEM

AS-FOUND LOCATION

G.E.

Type HS KVA 37.5 60 cycle 1 phase Ser. #B286616A

Volt Rating 7200/12470 y - 120/240

Transformer Bank No. 3

G.E.

Type HS KVA 37.5 60 cycle 1 phase Ser. #8686044A

Volt Rating 7200/12470 y - 120/240

Transformer Bank No. 3

G.E.

Type HS KVA 37.5 60 cycle 1 phase Ser. #9668788 Volt Rating 7200/12470 y - 120/240 Transformer Bank No. 3

G.E.

Type HS KVA 37.5 60 cycle 1 phase Ser. #9669458 Volt Rating 7200/12470 y - 120/240 Transformer Bank No. 3

G.E.

Type HS KVA 37.5 60 cycle 1 phase Ser. #9669460 Volt Rating 7200/12470 y - 120/240 Transformer Bank No. 3

APPENDIX B

CHAIN OF CUSTODY FORMS

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Matrix: W = Water; S = Soli/Sediment; O = Oil; X = Other
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Distribution: White = Accompanies Shipment; Canary = Lab Copy; Pink = Field Copy; Goldenrod = URS Sample Control Copy

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Triple volume required for matrix spike/duplicate aqueous samples

Matrix: W = Water; S = Soll/Sediment; O = Oi; X = Other

Concentration:: L= Low; M= Medium; H = High

Distribution: White = Accompanies Shipment; Canary = Lab Copy; Pink = Field Copy; Goldenrod = URS Sample Control Copy

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| D261/ | ′× | 100% | GASOLINE Confirm AGOVE | ANAUSU | | | | | X | × | | | | |
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Triple volume required for matrix spike/duplicate aqueous samples
Matrix: W = Water; S = Soil/Sediment; O = OI; X = Other
Concentration:: L = Low; M = Medium; H = High

Distribution: White - Accompanies Shipment; Canary - Lab Copy; Pink - Field Copy; Geigenrod - LPS Sample Control Copy

| • | | | ultants 110 | 0 Olive Way, 9 Seattle, WA 9 (206) 623-18 | 98101 | | | S Ana | hipp alytic | ing l | Rec Req | ord uest | and Form | 1 |
|---------------|--|------------|----------------------------------|---|-----------------|-----------|-----------|----------|-------------------|--------|------------|-------------|-------------|------|
| 8 - 6 - 90 | o G | hipped by | Checked by Checked by Date | | Air Bill Number | | | Carrier | | | Date Rec | | Received by | |
| Ship to: | EM | - G | TO LABS | | Project Number | -18 | | Projec | t Name | V 4 , | 5+ 4 | WREN | ce Isc | and |
| | | | " STREET | | Laboratory Samp | les Trans | ferred to | | | | Date Re | celved | Received by | |
| B | ろくなり | RAGE | 5, BK 9951 | 18 | | | | | | | 8/7 | (610) | Thong | lail |
| Attention; | | | | | | | | | ANAL' | SES RE | | | 7 | |
| Sample Number | Matrix | Est. | Constel leaders to | | | VOA | BNA | P/PCB | LISTEY META IS | mories | | | | |
| | | 1253000000 | | | Test Method | | | | | | | | | + |
| 1103 | , × | 100% | METAL ANALYSIS | Contra | | | | | X | × | | | | |
| 905 | Conc. Special Instruction Special Instruction ANTIFREEZE - METAL ANALYSIS ANTIFREEZE Continue Antifre | | | \@\ | | | | | X | X | | _ | | + |
| 904 | × | 100% | Conferme Anticone | | | | | | X | * | | | | |
| 642 1 | / X | 1007, | ANTIFRETZE CONTINUENT PRETERMENT | 140 | | | - | | X | X | | | | |
| 561 | * | 1007, | Continue Antia | weze. | | | | | X | ス | | | | |
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Inple volume required for matrix spike/duplicate aqueous samples

Matrix: W = Water; S = Soil/Sediment; O = Oil; X = Other

Concentration:: L = Low; M = Medium; H = High

Distribution: White' = Accompanies Shipment; Canary = Lab Copy; Pink = Field Copy; Goldenrod = URS Sample Control Copy

APPENDIX C (Appendix C-I, C-II, C-III, C-IV, C-V)

DRUM ANALYSIS DATA

| Sample | Date | Analysis | Location | Lab. Book | | | | | TESTS | | | | | | | Results |
|---------|---------|--|-------------|-----------|------------|----------|----------|---------|---------------|--------------|--------|------|----------|-------|---------|----------------|
| No. | Taken | Date | | & Pg. No. | H2O | Combust- | Chlorine | lodine | Water Test | Chlor-d-tect | Iron | Ph | Specific | Flash | Boiling | |
| | | 0.000 | | | Solubility | ibility | Hot Wire | Crystal | (effervesces) | 1000 | | | Gravity | Point | Point | |
| 1 | 7/30/90 | 8/2/90 | Base Camp | B-19 | dissolves | no | no-green | - | yes | - | | 6.55 | 1.00 | - | | Water |
| 2 | 7/30/90 | 8/2/90 | Base Camp | B-22 | dissolves | no | no-green | - | yes | - | | 6.59 | 1.00 | - | - | Water |
| 5 | 7/28/90 | 7/31/90 | Upper Camp | A-24 | | no | yellow | - | yes | - | | 5.90 | 1.00 | - | - | Water |
| 17 | 7/29/90 | 8/3/90 | Upper Camp | B-64 | floats | yes | no-green | rcd/bwn | | | | - | 0.88 | 90°C | - | Fuel Oil |
| 22 | 7/29/90 | 8/3/90 | Upper Camp | B-53 | floats | yes | no-green | red/bwn | - | - | - | - | 0.87 | 74°C | - | Fuel Oil |
| 24 | 7/28/90 | | Upper Camp | A-45 | dissolves | no | orange | | yes | | - | 5.45 | 1.01 | - | - | Water |
| 38A(1) | 7/29/90 | 8/5/90 | Upper Camp | A-82 | dissolves | no | orange | - | yes | | | 5.24 | 1.00 | - | 99°C | Water |
| 38 | 7/29/90 | 8/1/90 | Upper Camp | A-82 | dissolves | no | orange | - | yes | | | 5.17 | 1.00 | - | - | Water |
| 39 | 7/30/90 | 8/2/90 | Upper Camp | B-33 | dissolves | yes | no-green | red-brn | | no | | | | | | Oil |
| 40 | 7/30/90 | 8/2/90 | Upper Camp | B-12 | dissolves | no | no-green | - | yes | - | | 6.10 | 1.00 | - | _ | Water |
| 57 | 7/29/90 | 8/1/90 | Upper Camp | A-83 | dissolves | по | no-green | | yes | | - | 5.98 | 1.00 | - | - | Water |
| 58(4) | 7/31/90 | 8/3/90 | Upper Camp | B-68 | floats | yes | no-green | dk. bwn | - | - | - | - | (3) | (3) | - | Fuel Oil/Water |
| 58(5) | 7/31/90 | 8/3/90 | Upper Camp | B-68 | dissolves | no | no-green | - | yes | | | 5.12 | 1.00 | (3) | | Fuel Oil/Water |
| 61 | 7/29/90 | 8/3/90 | Upper Camp | B-44 | dissolves | no | no-green | - | yes | | | 5.44 | 1.00 | - | - | Water |
| 64 | 7/30/90 | 8/1/90 | Upper Camp | A-95 | floats | yes | no-green | red/bwn | - | | | - | 0.87 | 72°C | | Fuel Oil |
| 66 | 7/30/90 | 8/3/90 | Upper Camp | B-40 | dissolves | no | no-green | - | yes | | - | 6.23 | 1.00 | - | | Water |
| 72 | 7/30/90 | 8/1/90 | Upper Camp | A-73 | dissolves | no | no-green | - | yes | | | 5.00 | 1.00 | - | - | Water |
| 76 | 7/28/90 | 7/29/90 | Upper Camp | A-11 | dissolves | no | yellow | - | yes | | - | 7.13 | 1.02 | - | - | Water |
| 79 | 7/28/90 | 7/31/90 | Upper Camp | A-46 | dissolves | no | yellow | - | yes | | - | 5.34 | 1.00 | - | - | Water |
| 82 | 7/30/90 | 8/2/90 | Upper Camp | B-29 | dissolves | no | no-green | - | yes | | | 5.19 | 1.00 | - | - | Water |
| 83 | 7/29/90 | 7/31/90 | Upper Camp | A-65 | dissolves | no | no color | | yes | | | 6.32 | 1.00 | - | - | Water |
| 89 | 7/28/90 | 7/29/90 | Upper Camp | A-13 | dissolves | no | yellow | - | yes | | - | 6.88 | 1.00 | - | | Water |
| 92 | 7/28/90 | 7/29/90 | Upper Camp | A-5 | dissolves | no | yellow | - | yes | | orange | | 1.01 | - | | Water |
| 96 | 7/28/90 | 7/31/90 | Upper Camp | A-41 | dissolves | no | yellow | | yes | | - | 5.44 | 1.00 | - | - | Water |
| 103 | 7/28/90 | 7/31/90 | Upper Camp | A-39 | dissolves | no | yellow | - | yes | | - | 6.84 | 1.00 | - | | Water |
| 106 | 7/29/90 | 8/2/90 | Upper Camp | B-6 | dissolves | no | no-green | | yes | | | 4.23 | 1.00 | | | Water |
| 135 | 7/29/90 | 7/31/90 | Upper Camp | A-27 | dissolves | no | yellow | - | yes | | - | 6.88 | 1.00 | - | - | Water |
| 137 | 7/28/90 | 8/1/90 | Upper Camp | A-84 | dissolves | no | no-green | - | yes | | | 4.06 | 1.00 | - | | Water |
| 140 | 7/30/90 | 8/3/90 | Upper Camp | B-47 | dissolves | no | no-green | - | yes | | - | 6.53 | 1.00 | - | 99° C | Water |
| 140A(1) | 7/30/90 | 8/3/90 | Upper Camp | B-47 | dissolves | no | no-green | | yes | | - | 6.48 | 1.00 | - | 99° C | Water |
| 142 | 7/30/90 | | Upper Camp | B-8 | dissolves | no | no-green | - | yes | | - | 5.19 | 1.00 | - | | Water |
| 144(4) | 7/30/90 | THE RESERVE OF THE PERSON NAMED IN | Upper Camp | B-27 | floats | no | no-green | | | (3) | | - | | - | - | Oil/Water |
| 144(5) | 7/30/90 | or the Person Name and Post Of the Owner, where the Person Name and Person Nam | Upper Camp | B-27 | dissolves | no | no-green | | yes | | | 3.84 | 1.00 | - | | Oil/Water |
| 148 | 7/29/90 | 8/1/90 | Upper Camp | A-89 | dissolves | no | no-green | | yes | | - | 5.80 | 1.00 | - | - | Water |
| 151 | 7/30/90 | 8/1/90 | White Alice | A-77 | dissolves | no | orange | | yes | | - | 5.83 | 1.00 | - | - | Water |

Date: 03/06/91

| Sample | Date | Analysis | Location | Lab. Book | | | | | TESTS | | | | | | | Results |
|---------|---------|----------|--------------|-----------|------------|----------|----------|------------|---------------|--------------|------|------|----------|-------|---------|-----------------|
| No. | Taken | Date | | & Pg. No. | H2O | Combust- | Chlorine | Iodine | Water Test | Chlor-d-tect | Iron | Ph | Specific | Flash | Boiling | 1 |
| | | | | | Solubility | ibility | Hot Wire | Crystal | (effervesces) | 1000 | | | Gravity | Point | Point | |
| 153(4) | 7/30/90 | 8/4/90 | White Alice | B-77 | floats | yes | no-green | | | negative | - | - | | - | | Oil/Water |
| 153(5) | 7/30/90 | 8/4/90 | White Alice | B-77 | dissolves | no | | - | yes | - | - | 7-8. | | - | - | Oil/Water |
| 156 | 7/30/90 | 7/31/90 | Creek | A-69 | dissolves | no | no color | - | yes | - | | 6.41 | 1.00 | - | - | Water |
| 158 | 7/30/90 | 8/1/90 | B/C Road | A-79 | dissolves | no | no-green | - | yes | - | - | 6.03 | 1.00 | - | - | Water |
| 159 | 7/30/90 | 8/3/90 | White Alice | B-78 | floats | yes | no-green | no red | | - | | - | | - | - | Creosote |
| 163 | 7/30/90 | 8/3/90 | White Alice | B-43 | floats | yes | no-green | red/bwn | - | - | | - | (3) | 52°C | | Fuel Oil |
| 170 | 7/30/90 | 8/3/90 | White Alice | B-48 | floats | yes | no-green | red/bwn | - | - | | - | 0.81 | 40°C | - | Fuel Oil |
| 170A(1) | 7/30/90 | 8/3/90 | White Alice | B-48 | floats | yes | no-green | red/bwn | - | - | | - | 0.81 | 41°C | | iuel Oil |
| 171 | 7/30/90 | 8/3/90 | White Alice | B-74 | floats | yes | no-green | | - | purple | | - | - | - | | Oil |
| 172 | 7/29/90 | 7/31/90 | White Alice | A-61 | floats | yes | orange | red/bwn | - | - | | - | 0.81 | 52°C | - | Fuel Oil |
| 173 | 7/29/90 | 7/31/90 | White Alice | A-56 | floats | yes | orange | red/bwn | | - | | - | 0.81 | 59°C | - | Puel Oil |
| 181 | 7/29/90 | 7/31/90 | White Alice | A-62 | floats | yes | orange | red/bwn | | - | | - | (3) | 40°C | | Fuel Oil |
| 182 | 7/29/90 | 7/31/90 | White Alice | A-53 | floats | yes | orange | red/bwn | | - | | | 0.81 | 39°C | | Fuel Oil |
| 184 | 7/29/90 | 7/31/90 | White Alice | A-54 | floats | yes | orange | red/bwn | - | - | | | 0.81 | 47°C | - | Fuel Oil |
| 199 | 7/29/90 | 8/2/90 | White Alice | B-34 | floats | yes | no-green | red/bwn | - | - | | - | 0.81 | 52°C | | Fuel Oil |
| 217 | 7/30/90 | 8/2/90 | White Alice | B-37 | floats | yes | no-green | red/bwn | - | - | | | 0.81 | 30°C | | Aviation Fuel |
| 224 | 7/29/90 | 7/31/90 | White Alice | A-60 | floats | yes | orange | red/bwn | - | - | | | 0.81 | 60°C | - | Fuel Oil |
| 225 | 7/30/90 | 8/3/90 | White Alice | B-56 | floats | yes | no-green | red/bwn | - | - | | - | 0.81 | 43°C | _ | Fuel Oil |
| 228 | 7/29/90 | 7/31/90 | White Alice | A-57 | floats | yes | orange | orange/bwi | - | - | | | (3) | 28°C | - | Aviation Fuel |
| 230 | 7/29/90 | 7/31/90 | White Alice | A-58 | floats | yes | orange | red/bwn | | - | | | 0.81 | 56°C | | Fuel Oil |
| 238 | 7/29/90 | 8/3/90 | White Alice | • B-69 | floats | yes | no-green | no red | no | negative | | 5.34 | - | - | - | Creosote |
| 239 | 7/29/90 | 7/31/90 | White Alice | A-55 | floats | yes | orange | red/bwn | - | - | | | 0.81 | 40°C | - | Fuel Oil |
| 1136 | 7/30/90 | 8/1/90 | Staging Area | A-90 | floats | ycs | no-green | red/bwn | - | - | | | 0.81 | 50°C | - | Fuel Oil |
| 256 | 7/30/90 | 8/2/90 | Garage/WA | B-31 | dissolves | no | no-green | | yes | - | | 7.44 | 1.01 | - | - | Water |
| 261 | 7/29/90 | 7/31/90 | Garage/WA | A-59 | floats | yes | orange | brown | - | | | - | <0.8 | · | - | Gasoline-Leaded |
| 277 | 7/30/90 | 8/1/90 | Upper Camp | A-76 | dissolves | no | no-green | | yes | - | | 5.82 | 1.00 | - | - | Water |
| 279 | 7/28/90 | 7/29/90 | Upper Camp | A-15 | dissolves | no | yellow | | yes | - | | 7.00 | 1.01 | | - | Water |
| 280 | 7/28/90 | 7/31/90 | Upper Camp | A-19 | dissolves | no | yellow | | yes | - | | 6.43 | 1.00 | | | Water |
| 284 | 7/28/90 | 8/4/90 | Upper Camp | B-79 | dissolves | по | no-green | | yes | - | | 5.86 | 1.00 | - 1 | | Water |
| 288 | 7/28/90 | 7/31/90 | Upper Camp | A-21 | dissolves | по | yellow | - | yes | - | | 5.81 | 1.00 | - | - | Water |
| 289 | 7/28/90 | 7/29/90 | Upper Camp | A-6 | dissolves | no | yellow | - | yes | - | | 6.77 | 1.00 | - | - | Water |
| 289A(1) | 7/28/90 | 7/29/90 | Upper Camp | A-6 | dissolves | no | no-green | - | yes | - | | 6.83 | 1.02 | - | 100C | Water |
| 295 | 8/2/90 | 8/3/90 | Upper Camp | B-46 | dissolves | no | no-green | - | yes | - | - | 6.39 | 1.00 | - | - | Water |
| 296 | 7/30/90 | 8/3/90 | Upper Camp | B-50 | dissolves | no | no-green | - | yes | - | | 6.20 | 1.00 | - | | Water |
| 307 | 7/29/90 | 7/31/90 | Upper Camp | A-50 | dissolves | no | yellow | | yes | - | - 1 | 6.37 | 0.99 | - | | Water |

| Sample | Date | Analysis | Location | Lab. Book | | | | | TESTS | | | | | | | Results |
|--------|---------|----------|------------|-----------|-------------------|---------------------|----------------------|-------------------|-----------------------------|--------------|--------|------|---------------------|----------------|------------------|---------------|
| No. | Taken | Date | | & Pg. No. | H2O Solubility | Combust- ibility | Chlorine Hot Wire | Iodine Crystal | Water Test (effervesces) | Chlor-d-tect | lron | Ph | Specific Gravity | Flash Point | Boiling Point | i Kesuis |
| 308 | 7/29/90 | 8/2/90 | Upper Camp | B-5 | dissolves | no | no-green | - | yes | - | | 5.19 | 1.02 | - Point | Point | Water |
| 309 | 7/29/90 | 7/31/90 | Upper Camp | A-40 | dissolves | no | yellow | | yes | - | | 6.08 | 1.00 | | | Water |
| 310 | 7/28/90 | 7/31/90 | Upper Camp | A-30 | dissolves | no | yellow | - | yes | - | | 6.26 | 1.00 | - | · · | Water |
| 312 | 7/30/90 | 8/3/90 | Upper Camp | B-39 | dissolves | no | no-green | - | yes | - | - | 5.50 | 1.00 | | | Water |
| 315 | 7/28/90 | 7/31/90 | Upper Camp | A-25 | dissolves | no | yellow | - | yes | - | - | 5.83 | 1.00 | - | | Water |
| 316 | 7/29/90 | 7/31/90 | Upper Camp | A-70 | dissolves | no | no/color | - | yes | - | - | 6.88 | 1.00 | - | | Water |
| 317 | 7/30/90 | 8/2/90 | Upper Camp | B-11 | dissolves | no | no-green | - | yes | | - | 6.12 | 1.01 | | | Water |
| 324 | 7/30/90 | 8/3/90 | Upper Camp | B-57 | dissolves | no | no-green | - | yes | - | - | 5.29 | 1.00 | | | Water |
| 329 | 7/28/90 | 7/31/90 | Upper Camp | A-42 | dissolves | no | yellow | | yes | - | - | 6.08 | 1.00 | - | | Water |
| 333 | 7/28/90 | 7/29/90 | Upper Camp | A-9 | dissolves | no | yellow | - | yes | - | no | 6.22 | 1.01 | - | | Water |
| 336 | 7/28/90 | 7/31/90 | Upper Camp | A-26 | dissolves | no | yellow | - | yes | | - | 6.95 | 1.00 | - | | Water |
| 341 | 7/28/90 | 7/31/90 | Upper Camp | A-43 | dissolves | no | yellow | | yes | - | - | 5.95 | 1.00 | - | -:- | Water |
| 344 | 7/28/90 | 7/31/90 | Upper Camp | A-28 | dissolves | no | yellow | | yes | - | - | 7.13 | 1.00 | - | | Water |
| 346 | 7/28/90 | 7/31/90 | Upper Camp | A-47 | dissolves | no | yellow | | yes | - | - | 5.12 | 1.00 | | | Water |
| 347 | 7/29/90 | 8/3/90 | Upper Camp | B-52 | dissolves | no | no-green | - | yes | - | - | 4.60 | 1.00 | | | Water |
| 348 | 7/28/90 | 7/31/90 | Upper Camp | A-34 | dissolves | no | yellow | - | yes | - | - | 5.58 | 1.00 | - | | Water |
| 350 | 7/29/90 | | Upper Camp | A-64 | dissolves | no | orange | - | yes | - | - | 6.12 | 1.00 | | - | · Water |
| 351 | 7/28/90 | | Upper Camp | A-33 | dissolves | no | yellow | - | yes | - | | 5.08 | 1.01 | - | | Water |
| 354 | 7/28/90 | | Upper Camp | A-16 | dissolves | no | no/color | - | yes | - | | 6.58 | 1.00 | - | - | Water |
| 366 | 7/30/90 | | Upper Camp | B-55 | dissolves | no | no-green | | yes | - | - | 4.94 | 1.00 | - | - | Water |
| 369 | 7/28/90 | 7/29/90 | Upper Camp | A-8 | dissolves | no | yellow | - | yes | - | orange | 6.41 | 1.01 | - | - | Water |
| 384(4) | 7/29/90 | 8/2/90 | Upper Camp | A-100 | floats | yes | no-green | red/bwn | - | | | | - | (3) | | |
| 384(5) | 7/29/90 | 8/2/90 | Upper Camp | A-100 | dissolves | no | no-green | | yes | - | - | - | (3) | (3) | | Fuel Oil/Wate |
| 389 | 7/28/90 | 7/31/90 | Upper Camp | A-18 | dissolves | no | no/color | | yes | | - | 6.66 | 1.00 | - | - | Fuel Oil/Wate |
| 392 | 7/30/90 | 8/2/90 | Upper Camp | B-20 | dissolves | no | no-green | | yes | - | - | 5.61 | 1.00 | - | - | Water |
| 394 | 7/28/90 | 7/29/90 | Upper Camp | A-10 | dissolves | no | yellow | | yes | - | - | 4.68 | 1.02 | | - | Water |
| 397 | 7/30/90 | 8/1/90 | Upper Camp | A-87 | dissolves | no | no-green | | yes | - | - | 5.13 | 1.00 | - | | Water |
| 400 | 7/30/90 | 8/2/90 | Upper Camp | A-98 | dissolves | no | no-green | | yes | - | - | 5.10 | 1.01 | - | - | Water |
| 402 | 7/30/90 | 8/2/90 | Upper Camp | B-16 | dissolves | no | no-green | | yes | - | | 6.34 | 1.00 | | - | Water |
| 404 | 7/30/90 | | Upper Camp | B-32 | floats | yes | - | red-brn | - | negative | - | | 1.00 | \div | -:- | Oil/Water PCF |
| 405 | 7/30/90 | 8/1/90 | Upper Camp | A-93 | dissolves | no | no-green | | yes | - | - | 6.21 | 1.00 | \div | | Water PCH |
| 05A(1) | 7/30/90 | | Upper Camp | A-93 | dissolves | | no-green | | yes | - | | 6.17 | 1.00 | | - | Water |
| 406 | 7/30/90 | | Upper Camp | B-24 | dissolves | no | no-green | | yes | - | - | 6.41 | 1,00 | - | - | Water |
| 410 | 7/30/90 | 8/3/90 | Upper Camp | B-38 | dissolves | no | no-green | - | yes | - | - 1 | 4.98 | 1.00 | - | | Water |

| Sample | Date | Analysis | Location | Lab. Book | | | | | TESTS | | | | | | | Results |
|---------|---------|----------|--------------|-----------|------------|----------|----------|---------|---------------|--------------|--------|------|----------|-------|---------|-----------------|
| No. | Taken | Date | | & Pg. No. | H2O | Combust- | Chlorine | Iodine | Water Test | Chlor-d-tect | Iron | Ph | Specific | Flash | Boiling | |
| | | | | | Solubility | ibility | Hot Wire | Crystal | (effervesces) | 1000 | | | Gravity | Point | Point | |
| 413 | 7/30/90 | 8/2/90 | Upper Camp | B-15 | dissolves | no | no-green | - | yes | - | - | 6.06 | 1.00 | - | - | Water |
| 416 | 7/30/90 | 8/2/90 | Upper Camp | B-18 | dissolves | no | no-green | | yes | - | - | 5.18 | 1.00 | - | - | Water |
| 427 | 7/29/90 | 7/31/90 | Upper Camp | A-71 | dissolves | no | no/color | - | yes | - | | 6.54 | 1.00 | - | - | Water |
| 432 | 7/28/90 | 7/29/90 | Upper Camp | A-12 | dissolves | no | yellow | - | yes | - | - | 7.15 | 1.04 | - | | Water |
| 437 | 7/28/90 | 7/31/90 | Upper Camp | A-31 | dissolves | no | yellow | - | yes | - | - | 6.17 | 1.00 | - | - | Water |
| 444 | 7/28/90 | 7/31/90 | Upper Camp | A-22 | dissolves | no | yellow | - | yes | - | - | 6.17 | 1.00 | - | - | Water |
| 455 | 7/30/90 | 8/1/90 | Upper Camp | A-92 | dissolves | no | no-green | - | yes | - | - | 6.43 | 1.00 | - | | Water |
| 459 | 7/28/90 | 7/29/90 | Upper Camp | A-7 | dissolves | no | yellow | | yes | - | orange | 5.21 | 1.02 | - | - | Water |
| 461 | 7/28/90 | 7/31/90 | Upper Camp | A-36 | dissolves | no | yellow | - | yes | - | - | 6.42 | 1.00 | - | - | Water |
| 470 | 7/28/90 | 7/31/90 | Upper Camp | A-35 | dissolves | no | yellow | - | yes | - | - | 6.20 | 1.00 | - | | Water |
| 472 | 7/28/90 | 7/31/90 | Upper Camp | A-48 | dissolves | no | yellow | - | yes | - | - | 4.78 | 1.00 | - | | Water |
| 474 | 7/28/90 | 7/29/90 | Upper Camp | A-14 | dissolves | no | yellow | | yes | - | - | 6.31 | 1.03 | - | - | Water |
| 477 | 7/28/90 | 7/31/90 | Upper Camp | A-29 | dissolves | no | yellow | - | yes | - | - | 6.11 | 1.00 | - | - | Water |
| 486 | 7/28/90 | 7/31/90 | Upper Camp | A-17 | dissolves | no | no/color | - | yes | - | - 1 | 6.45 | 1.02 | - | - | Water |
| 487 | 7/28/90 | 7/31/90 | Upper Camp | A-20 | dissolves | no | yellow | - | yes | - | - | 7.12 | 1.00 | - | - | Water |
| 509 | 7/28/90 | 8/3/90 | Upper Camp | B-60 | dissolves | no | no-green | | yes | - | - | 5.07 | 1.00 | - | - | Water |
| 517 | 7/30/90 | 8/1/90 | Creek | A-75 | dissolves | no | no-green | | yes | - | - | 5.11 | 1.00 | - | | Water |
| 520 | - | 8/1/90 | Staging Area | B-7 | dissolves | no | no-green | - | yes | - | - | 6.58 | 1.00 | - | - | Water |
| 522 | 7/30/90 | 8/2/90 | Upper Camp | B-35 | dissolves | no | no-green | - | yes | - | - | 6.78 | 1.00 | - | - | Water |
| 523 | 7/30/90 | 8/3/90 | Upper Camp | B-49 | dissolves | no | no-green | - | yes | - | - | 4.62 | 1.02 | - | - | Water |
| 527 | 7/28/90 | 7/31/90 | Upper Camp | A-67 | dissolves | no | no/flame | - | yes | | - | 6.82 | 1.00 | - | | Water |
| 537 | 7/30/90 | 8/1/90 | Upper Camp | A-81 | dissolves | no | no-green | - | yes | - | - | 6.34 | 1.00 | - | - | Water |
| 554 | 7/29/90 | 8/1/90 | Upper Camp | A-85 | dissolves | no | no-green | - | yes | | - | 6.16 | 1.00 | - | - | Water |
| 558 | 7/30/90 | 8/1/90 | White Alice | A-94 | dissolves | no | no-green | | yes | - | - | 6.64 | 1.00 | - | - | Water |
| 561 | 7/30/90 | 8/2/90 | Lower Tram | B-36 | dissolves | no | no-green | - | slowly | - | - | 7.71 | 1.05 | - | 102°C | Antifreeze |
| 561A(1) | 7/30/90 | 8/2/90 | Lower Tram | B-36 | floats | flash | no-green | • | slightly | | - | 7.80 | 1.05 | - | 103°C | Antifreeze |
| 575 | 7/28/90 | 7/31/90 | Upper Camp | A-32 | dissolves | no | yellow | - | yes | - | - | 5.23 | 1.00 | - | | Water |
| 578 | 7/29/90 | 8/3/90 | Upper Camp | B-66 | floats | yes | no-green | red/bwn | - | | - | - | 0.86 | 84°C | - | Fuel Oil |
| 580 | 7/30/90 | 8/1/90 | Power Line | A-80 | dissolves | no | no-green | - | yes | - | - | 5.24 | 1.00 | - | - | Graphite Grease |
| 581 | 7/30/90 | 8/2/90 | Power Line | B-21 | dissolves | no | no-green | - | yes | - | - | 6.20 | 1.00 | - | • | Water |
| 591 | 7/28/90 | 8/3/90 | Upper Camp | B-75 | floats | yes | no-green | | | | | • | | • | • | Creosote |
| 599(6) | 7/30/90 | 8/1/90 | Upper Camp | A-78 | dissolves | no | no-color | • | yes | • | · | 6.09 | 1.00 | · | | Graphite Grease |
| 599(7) | 7/30/90 | 8/1/90 | Upper Camp | A-78(8) | sinks | · · | no-color | | - | | - | 6-8. | - 1 | - | | Graphite Grease |
| 603 | 7/28/90 | 7/31/00 | Upper Camp | A-38 | dissolves | no | orange | • | yes | - | • | 3.77 | 1.00 | - | | Water |
| 632 | 7/28/90 | 7/31/90 | White Alice | A-37 | dissolves | no | yellow | | yes | - | - | 6.31 | 1.00 | - | | Water |

| Sample | Date | Analysis | Location | Lab. Book | | | | | TESTS | | | | | | | Results |
|---------|---------|----------|--------------|-----------|--|------------|-----------|-----------|---------------|--------------|------|-------|----------|-------|---------|------------------|
| No. | Taken | Date | | & Pg. No. | H20 | Combust- | Chlorine | Iodine | Water Test | Chlor-d-tect | Iron | Ph | Specific | Flash | Boiling | 1 Results |
| | · . | | | | Solubility | ibility | Hot Wire | Crystal | (effervesces) | 1000 | | | Gravity | Point | Point | |
| 635 | 7/30/90 | 8/1/90 | Upper Camp | A-88 | dissolves | no | no-green | - | yes | - | - | 5.19 | 1.00 | - | | Water |
| 641 | 8/2/90 | 8/3/90 | U/C Tram | B-70 | floats | no | | | - | positive | | - | | - | | Oil - PCB |
| 642 | 8/2/90 | 8/3/90 | U/C Tram | B-65 | dissolves | Tash-out(2 | no-green | - | no | - | | 6.66 | ±1.1 | - | >130°C | Antifreeze |
| 649 | 7/30/90 | 8/2/90 | Upper Camp | B-17 | dissolves | no | no-green | | yes | - | | 5.01 | 1.00 | - | | Water |
| 651 | - | 8/2/90 | Staging Area | B-45 | dissolves | no | no-green | - | yes | - | - | 5.68 | 1.00 | - | | Water |
| 652 | 7/30/90 | 8/2/90 | Upper Camp | B-28 | dissolves | no | no-green | | yes | - | | 6.28 | 1.00 | - | - | Water |
| 655 | 7/30/90 | 7/31/90 | Upper Camp | A-68 | dissolves | no | no-color | - | yes | - | | 6.30 | 1.00 | - | - | Water |
| 659 | 7/31/90 | 7/31/90 | White Alice | A-66(9) | dissolves | - | no-yellow | | | - | - | 10.06 | - | - | - | Soap |
| 663 | 7/28/90 | 7/31/90 | Upper Camp | A-23 | dissolves | no | yellow | - | yes | - | | 5.73 | 1.00 | - | - | Water |
| 664 | 7/30/90 | 8/3/90 | Upper Camp | B-63 | floats | yes | no-green | red/bwn | - | - | | - | 0.85 | 60°C | - | Fuel Oil |
| 665 | 7/30/90 | 8/3/90 | Upper Camp | B-42 | dissolves | no | no-green | - | yes | - | | 5.03 | 1.00 | | - | Water |
| 680 | 7/30/90 | 8/1/90 | White Alice | A-91 | floats | yes | no-green | red/bwn | - | | - | - | 0.81 | 38°C | | Fuel Oil |
| 681 | 7/30/90 | 8/3/90 | White Alice | B-54 | floats | yes | no-green | red/bwn | - | - | - | - | 0.81 | 40°C | - | Fuel Oil |
| 687 | 7/29/90 | 7/31/90 | White Alice | A-63 | floats | yes | orange | red/bwn | | - | - | - | (3) | 58C | | Fuel Oil |
| 688 | 7/30/90 | 8/3/90 | White Alice | B-58 | floats | yes | no-green | red/bwn | - | | - | - | 0.81 | 36°C | - | Aviation Fuel |
| 698 | 7/30/90 | 8/2/90 | White Alice | A-97 | floats | yes | no-green | red/bwn | - | - | - | - | 0.81 | 50°C | | Fuel Oil |
| 707 | 7/29/90 | 7/31/90 | White Alice | A-52 | floats | yes | no-green | rd/orange | | - | - | - | 0.80 | 48°C | | Fuel Oil |
| 720 | | 8/1/90 | White Alice | B-23 | dissolves | no | no-green | - | yes | - | - | 6.50 | 1.00 | - | - | Water |
| 732 | 7/30/90 | 8/2/90 | Staging Area | B-13 | dissolves | no | no-green | - | yes | - | - | 6.45 | 1.01 | - | - | Water |
| 734(4) | 7/31/90 | 8/4/90 | White Alice | B-76 | floats | yes | | - | - | positive | - | 8.21 | - | - | | Diazinon/Oil/H2O |
| 734A(5) | 7/31/90 | 8/4/90 | White Alice | B-76 | dissolves | no | | - | yes | - | - | 8.00 | | - | - | Diazinon/Oil/H2O |
| 735 | 7/30/90 | 8/1/90 | White Alice | A-86 | dissolves | no | no-green | - | yes | - | - | 5.92 | 1.00 | - | - | Water |
| 736 | 7/30/90 | 8/2/90 | White Alice | B-30 | floats | yes | no-green | red/bwn | - | - | - | - | 0.81 | 38°C | - | Fuel Oil |
| 842 | 7/30/90 | 7/31/90 | Upper Camp | A-72 | dissolves | no | no-color | | yes | - | - | 6.74 | 1.00 | - | - | Water |
| 847 | 8/1/90 | | Upper Camp | A-99 | floats | yes | no-green | red/bwn | - | - | - | - | 0.87 | 76°C | | Fuel Oil |
| 851(4) | 7/29/90 | | Upper Camp | B-67 | floats | Yes | no-green | Rust | | purple | - | - | (3) | (3) | - | Fuel Oil/Water |
| 851(5) | 7/29/90 | | Upper Camp | B-67 | dissolves | no | no-green | | yes | - | - | 5.00 | (3) | - | - | Fuel Oil/Water |
| 860 | 7/29/90 | | Upper Camp | B-10 | dissolves | no | no-green | - | yes | - | - | 4.94 | 1.01 | - | - | Water |
| 861 | 7/29/90 | - | Upper Camp | A-51 | dissolves | no | yellow | - | yes | - | - | 6.34 | 1.00 | - | - | Water |
| 862 | 7/29/90 | | Upper Camp | A-49 | dissolves | no | yellow | - | yes | - | - | 6.34 | 1.00 | - | - | Water |
| 891 | 7/29/90 | 8/3/90 | U/C Tram | B-51 | dissolves | no | no-green | - | yes | - | - | 5.59 | 1.00 | - | - | Water |
| 899 | 8/2/90 | 8/3/90 | U/C Tram | B-62 | floats | yes | no-green | no-red | | negative | | | | | | Oil |
| 900 | 7/30/90 | 8/1/90 | Upper Camp | A-74 | dissolves | no | no-green | | yes | • | | 5.98 | 1.00 | - | | Water |
| 904 | 8/2/90 | 8/3/90 | U/C Tram | B-71 | Name and Address of the Owner, where the Owner, which the Owner, where the Owner, where the Owner, which the | lash-out(2 | no-green | | no | | - | 6.73 | >1. | - | 120°C | Antifreeze |
| 905 | 8/2/90 | 8/3/W | U/C Tram | B-61 | dissolves | lash-out(2 | no-green | • | no | | • | 7.56 | 11.1 | | 114°C | Antifreeze |

Date: 03/06/91

| Sample | Date | Analysis | Location | Lab. Book | | | | | TESTS | | | | | | | Results |
|---------|---------|----------|-------------|-----------|-------------------|---------------------|----------------------|-------------------|-----------------------------|----------------------|------|------|---------------------|----------------|------------------|-------------------|
| No. | Taken | Date | | & Pg. No. | H2O Solubility | Combust- ibility | Chlorine Hot Wire | Iodine Crystal | Water Test (effervesces) | Chlor-d-tect 1000 | Iron | Ph | Specific Gravity | Flash Point | Boiling Point | results |
| 906 | 7/28/90 | 7/31/90 | U/C Tram | A-44 | dissolves | no | yellow | - | yes | - | - | 6.06 | 1.00 | - | | Water |
| 909 | 7/29/90 | 8/2/90 | U/C Tram | B-9 | dissolves | no | no-green | | yes | | | 5.46 | 1.00 | | · . | Water |
| 915 | 7/29/92 | 8/3/90 | U/C Tram | B-41 | dissolves | no | no-green | | yes | - | - | 4.93 | 1.00 | | -:- | Water |
| 916 | 7/30/90 | 8/2/90 | U/C Tram | B-14 | dissolves | no | no-green | - | yes | - | - | 6.44 | 1.00 | - | - :- | Water |
| 923 | 7/30/90 | 8/3/90 | Upper Camp | B-59 | dissolves | no | no-green | | ycs | | - | 5.07 | 1.00 | | <u> </u> | Water |
| 924 | 7/30/90 | 8/3/90 | Upper Camp | B-73 | floats | yes | no-green | red/bwn | - 100 | - | - | 3.07 | 0.87 | 74°C | <u> </u> | |
| 991 | 7/31/90 | 8/2/90 | Upper Camp | B-26 | dissolves | no | no-green | - | yes | | | 6.34 | 1.00 | 14 0 | - | Fuel Oil Water |
| 1001 | 7/30/90 | 8/1/90 | Upper Camp | A-96 | floats | yes | no- green | red-bwn | | | | 0.54 | <0.8 | - | | |
| 1017 | 7/30/90 | 8/3/90 | Upper Camp | B-72 | floats | yes | no-green | no-red | | negative | | - | | | | Gasoline/Leaded |
| 1103 | 7/31/90 | 8/2/90 | White Alice | B-25 | dissolves | lash-out(2 | no-green | | no | - Incgative | | 7.15 | 1.10 | - | 106°C | Oil |
| 1154 | 8/6/90 | 8/6/90 | Road to T/C | B-80 | dissolves | no | no-green | - | yes | - | | 5.74 | 1.00 | | 100°C | Antifreeze |
| 154A(1) | 8/6/90 | 8/6/90 | Road to T/C | B-80 | dissolves | no | no-green | - | yes | - | | 5.82 | 1.00 | - | 100-C | H2O/Graphite |
| 1155 | 8/6/90 | 8/6/90 | Road to T/C | B-81 | dissolves | no | no-green | | yes | | - | 6.43 | 1.00 | - | 100°C | H2O/Graphite |
| 155A(1) | 8/6/90 | 8/6/90 | Road to T/C | B-81 | dissolves | no | no-green | - | yes | - | _ | 6.47 | 1.00 | - | 100-C | Water |
| 1156 | 8/6/90 | 8/3/90 | Whte Alice | B-82 | floats | yes | no-green | red/bwn | yes . | | - | 0.47 | 0.87 | 7690 | | Water |
| 156A(1) | 8/6/90 | 8/3/90 | Whte Alice | B-82 | floats | yes | no-green | red/bwn | | - | - | - | 0.87 | 76°C | - | Fuel Oil |

NOTES: (1) Not enough sample to run test

- (2) Match flashed then went out
- (3) Not enough sample to run test
- (4) Top layer of sample(5) Bottom layer of sample

- (6) Liquid layer of sample
 (7) Sludge layer of sample
 (8) Sample #599 had an Acid Test run on the bottom layer, the results were "no rxn".
 (9) Sample #659 had a Hexane and Alcohol Solubility Test run on it, the results were, "no emulsification; orangic".

| Sample | Date | Analysis | Location | Lab. Book | | | | | TESTS | | | | | | | Results |
|--------|---------|----------|-------------|-----------|-------------------|---------------------|----------------------|-------------------|-------|--------------|--------|------|---------------------|----------------|------------------|---------|
| No. | Taken . | Date | | & Pg. No. | H2O Solubility | Combust- ibility | Chlorine Hot Wire | Iodine Crystal | | Chlor-d-tect | Iron | Ph | Specific Gravity | Flash Point | Boiling Point | Results |
| 5 | 7/28/90 | 7/31/90 | Upper Camp | A-24 | - | no | yellow | - | yes | | - | 5.90 | 1.00 | - | | Water |
| 24 | 7/28/90 | 7/31/90 | Upper Camp | A-45 | dissolves | no | orange | - | yes | | - | 5.45 | 1.01 | - | | Water |
| 38 | 7/29/90 | 8/1/90 | Upper Camp | A-82 | dissolves | no | orange | - | yes | | | 5.17 | 1.00 | - | - | Water |
| 38A(1) | 7/29/90 | 8/5/90 | Upper Camp | A-82 | dissolves | no | orange | - | yes | | - | 5.24 | 1.00 | - | 99°C | Water |
| 40 | 7/30/90 | 8/2/90 | Upper Camp | B-12 | dissolves | no | no-green | - | yes | | | 6.10 | 1.00 | - | | Water |
| 57 | 7/29/90 | 8/1/90 | Upper Camp | A-83 | dissolves | no | no-green | | yes | - | - | 5.98 | 1.00 | - | - | Water |
| 61 | 7/29/90 | 8/3/90 | Upper Camp | B-44 | dissolves | no | no-green | - | yes | - | - | 5.44 | 1.00 | - | - | Water |
| 66 | 7/30/90 | 8/3/90 | Upper Camp | B-40 | dissolves | no | no-green | | yes | | - | 6.23 | 1.00 | - | | Water |
| 72 | 7/30/90 | 8/1/90 | Upper Camp | A-73 | dissolves | no | no-green | | yes | - | - | 5.00 | 1.00 | - | | Water |
| 76 | 7/28/90 | 7/29/90 | Upper Camp | A-11 | dissolves | no | yellow | - | yes | - | - | 7.13 | 1.02 | - | - | Water |
| 79 | 7/28/90 | 7/31/90 | Upper Camp | A-46 | dissolves | no | yellow | - | yes | - | - | 5.34 | 1.00 | - | - | Water |
| 82 | 7/30/90 | 8/2/90 | Upper Camp | B-29 | dissolves | no | no-green | | yes | - | | 5.19 | 1.00 | - | | Water |
| 83 | 7/29/90 | 7/31/90 | Upper Camp | A-65 | dissolves | no | no color | | yes | - | - | 6.32 | 1.00 | - | - | Water |
| 89 | 7/28/90 | | Upper Camp | A-13 | dissolves | no | yellow | | yes | | - | 6.88 | 1.00 | - | - | Water |
| 92 | 7/28/90 | | Upper Camp | A-5 | dissolves | no | yellow | - | yes | - | orange | 4.74 | 1.01 | - | - | Water |
| 96 | 7/28/90 | 7/31/90 | Upper Camp | A-41 | dissolves | no | yellow | | yes | - | - | 5.44 | 1.00 | - | - | Water |
| 103 | 7/28/90 | | Upper Camp | A-39 | dissolves | no | yellow | - | yes | - | - | 6.84 | 1.00 | - | - | Water |
| 106 | 7/29/90 | | Upper Camp | B-6 | dissolves | no | no-green | - | yes | - | - | 4.23 | 1.00 | - | - | Water |
| 135 | 7/29/90 | | Upper Camp | A-27 | dissolves | no | yellow | - | yes | - | - | 6.88 | 1.00 | - | | Water |
| 137 | 7/28/90 | 8/1/90 | Upper Camp | A-84 | dissolves | no | no-green | - | yes | - | - | 4.06 | 1.00 | - | - | Water |
| 140 | 7/30/90 | 8/3/90 | Upper Camp | B-47 | dissolves | no | no-green | - | yes | - | - | 6.53 | 1.00 | - | 99° C | Water |
| 40A(1) | 7/30/90 | | Upper Camp | B-47 | dissolves | no | no-green | - | yes | - | - | 6.48 | 1.00 | - | 99° C | Water |
| 142 | 7/30/90 | | Upper Camp | B-8 | dissolves | no | no-green | - | yes | - | - | 5.19 | 1.00 | - | | Water |
| 148 | 7/29/90 | | Upper Camp | A-89 | dissolves | no | no-green | - | yes | - | - | 5.80 | 1.00 | - | - | Water |
| 151 | 7/30/90 | 8/1/90 | White Alice | A-77 | dissolves | no | orange | - | yes | - | - | 5.83 | 1.00 | | | Water |
| 156 | 7/30/90 | 7/31/90 | Creek | A-69 | dissolves | no | no color | - | yes | - | - | 6.41 | 1.00 | - | | Water |
| 158 | 7/30/90 | 8/1/90 | B/C Road | A-79 | dissolves | no | no-green | - | yes | - | - | 6.03 | 1.00 | - | | Water |
| 256 | 7/30/90 | 8/2/90 | Garage/WA | B-31 | dissolves | no | no-green | - | yes | - | - | 7.44 | 1.01 | | - | Water |
| 277 | 7/30/90 | | Upper Camp | | dissolves | no | no-green | - | yes | - | - | 5.82 | 1.00 | - | - | Water |
| 279 | 7/28/90 | | Upper Camp | A-15 | dissolves | no | yellow | - | yes | - | - 1 | 7.00 | 1.01 | - | | Water |
| 280 | 7/28/90 | | Upper Camp | A-19 | dissolves | no | yellow | - | yes | | - | 6.43 | 1.00 | - 1 | | Water |
| 284 | 7/28/90 | | Upper Camp | B-79 | dissolves | no | no-green | - | yes | | - | 5.86 | 1.00 | - | | Water |
| 288 | 7/28/90 | | Upper Camp | A-21 | dissolves | no | yellow | • | yes | | - | 5.81 | 1.00 | - | - | Water |
| 289 | 7/28/90 | | Upper Camp | | dissolves | no | yellow | - | yes | | - | 6.77 | 1.00 | | | Water |
| 89A(1) | 7/28/90 | 1/29/90 | Upper Camp | A-6 | dissolves | no | no-green | | yes | . | | 6.83 | 1.02 | | 100C | Water |

| Sample | Date | Analysis | Location | Lab. Book | | | | | TESTS | | | | | _ | | Results |
|---------|---------|----------|------------|-----------|-------------------|---------------------|----------------------|-------------------|----------------------------|--------------|--------|------|---------------------|----------------|------------------|---------|
| No. | Taken | Date | | & Pg. No. | H2O Solubility | Combust- ibility | Chlorine Hot Wire | Iodine Crystal | Water Test (effervesce) | Chlor-d-tect | Iron | Ph | Specific Gravity | Flash Point | Boiling Point | Results |
| 295 | 8/2/90 | 8/3/90 | Upper Camp | B-46 | dissolves | no | no-green | | yes | - | - | 6.39 | 1.00 | - | - | Water |
| 296 | 7/30/90 | 8/3/90 | Upper Camp | B-50 | dissolves | ·no | no-green | | yes | - | - | 6.20 | 1.00 | - | | Water |
| 307 | 7/29/90 | 7/31/90 | Upper Camp | A-50 | dissolves | no | yellow | | yes | - | - | 6.37 | 0.99 | - | | Water |
| 308 | 7/29/90 | 8/2/90 | Upper Camp | B-5 | dissolves | no | no-green | | yes | - | - | 5.19 | 1.02 | - | | Water |
| 309 | 7/29/90 | 7/31/90 | Upper Camp | A-40 | dissolves | no | yellow | - | yes | - | - | 6.08 | 1.00 | - | - | Water |
| 310 | 7/28/90 | 7/31/90 | Upper Camp | A-30 | dissolves | no | yellow | - | yes | - | - | 6.26 | 1.00 | - | - | Water |
| 312 | 7/30/90 | 8/3/90 | Upper Camp | B-39 | dissolves | no | no-green | - | yes | 2-0 | - | 5.50 | 1.00 | - | - | Water |
| 315 | 7/28/90 | 7/31/90 | Upper Camp | A-25 | dissolves | no | yellow | - | yes | - | | 5.83 | 1.00 | - | | Water |
| 316 | 7/29/90 | 7/31/90 | Upper Camp | A-70 | dissolves | no | no/color | | yes | - | - | 6.88 | 1.00 | - | | Water |
| 317 | 7/30/90 | 8/2/90 | Upper Camp | B-11 | dissolves | no | no-green | - | yes | - | - | 6.12 | 1.01 | - | | Water |
| 324 | 7/30/90 | 8/3/90 | Upper Camp | B-57 | dissolves | no | no-green | - | yes | - | - | 5.29 | 1.00 | - | - | Water |
| 329 | 7/28/90 | 7/31/90 | Upper Camp | A-42 | dissolves | no | yellow | - | yes | - | - | 6.08 | 1.00 | - | - | Water |
| 333 | 7/28/90 | 7/29/90 | Upper Camp | A-9 | dissolves | no | yellow | | yes | - | no | 6.22 | 1.01 | - | - | Water |
| 336 | 7/28/90 | 7/31/90 | Upper Camp | A-26 | dissolves | no | yellow | | yes | - | - | 6.95 | 1.00 | - | - | Water |
| 341 | 7/28/90 | 7/31/90 | Upper Camp | A-43 | dissolves | no | yellow | - | yes | - | - | 5.95 | 1.00 | - | - | Water |
| 344 | 7/28/90 | | Upper Camp | A-28 | dissolves | no | yellow | | yes | (-) | - | 7.13 | 1.00 | - | - | Water |
| 346 | 7/28/90 | 7/31/90 | Upper Camp | A-47 | dissolves | no | yellow | - | yes | - | - | 5.12 | 1.00 | - | | Water |
| 347 | 7/29/90 | 8/3/90 | Upper Camp | B-52 | dissolves | no | no-green | | yes | - | - | 4.60 | 1.00 | - | - | Water |
| 348 | 7/28/90 | 7/31/90 | Upper Camp | A-34 | dissolves | no | yellow | - | yes | - | - | 5.58 | 1.00 | - | | Water |
| 350 | 7/29/90 | | Upper Camp | A-64 | dissolves | no | orange | - | yes | - | - | 6.12 | 1.00 | - | - | Water |
| 351 | 7/28/90 | | Upper Camp | A-33 | dissolves | no | yellow | - | yes | - | - | 5.08 | 1.01 | - | | Water |
| 354 | 7/28/90 | | Upper Camp | A-16 | dissolves | no | no/color | - | yes | - | - | 6.58 | 1.00 | - | - | Water |
| 366 | 7/30/90 | 8/3/90 | Upper Camp | B-55 | dissolves | no | no-green | - | yes | - | - | 4.94 | 1.00 | - | - | Water |
| 369 | 7/28/90 | | Upper Camp | A-8 | dissolves | no | yellow | - | yes | - | orange | 6.41 | 1.01 | - | - | Water |
| 389 | 7/28/90 | | Upper Camp | A-18 | dissolves | no | no/color | - | yes | - | - | 6.66 | 1.00 | - | - | Water |
| 392 | 7/30/90 | | Upper Camp | B-20 | dissolves | no | no-green | - | yes | - | - | 5.61 | 1.00 | - | - | Water |
| 394 | 7/28/90 | | Upper Camp | A-10 | dissolves | no | yellow | - | yes | - | - | 4.68 | 1.02 | - | - | Water |
| 397 | 7/30/90 | | Upper Camp | A-87 | dissolves | no | no-green | - | yes | - | - | 5.13 | 1.00 | 1-1 | - | Water |
| 400 | 7/30/90 | | Upper Camp | A-98 | dissolves | no | no-green | - | yes | - | - | 5.10 | 1.01 | | - 1 | Water |
| 402 | 7/30/90 | | Upper Camp | B-16 | dissolves | no | no-green | - | yes | | - | 6.34 | 1.00 | - | - | Water |
| 405 | 7/30/90 | | Upper Camp | A-93 | dissolves | no | no-green | - | yes | | - | 6.21 | 1.00 | | | Water |
| 105A(1) | 7/30/90 | | Upper Camp | A-93 | dissolves | no | no-green | | yes | | - | 6.17 | 1.00 | - | - | Water |
| 406 | 7/30/90 | | Upper Camp | B-24 | dissolves | no | no-green | • | yes | | - | 6.41 | 1.00 | - | - | Water |
| 410 | 7/30/90 | | Upper Camp | B-38 | dissolves | no | no-green | - | yes | - | • | 4.98 | 1.00 | | | Water |
| 413 | 7/30/90 | 8/2/90 | Upper Camp | B-15 | dissolves | no | no-green | - | yes | - | - | 6.06 | 1.00 | - | - | Water |

| Sample | Date | Analysis | Location | Lab. Book | | | | | TESTS | | | _ | | | | Results |
|--------|---------|----------|--------------|-----------|-------------------|---------------------|----------------------|-------------------|-------|----------------------|---------------|------|---------------------|----------------|------------------|---------|
| No. | Taken | Date | | & Pg. No. | H2O Solubility | Combust- ibility | Chlorine Hot Wire | Iodine Crystal | | Chlor-d-tect 1000 | Iron | Ph | Specific Gravity | Flash Point | Boiling Point | Results |
| 416 | 7/30/90 | 8/2/90 | Upper Camp | B-18 | dissolves | no | no-green | | yes | - | - | 5.18 | 1.00 | - | - | Water |
| 427 | 7/29/90 | 7/31/90 | Upper Camp | A-71 | dissolves | no | no/color | | yes | - | - | 6.54 | 1.00 | - | - | Water |
| 432 | 7/28/90 | 7/29/90 | Upper Camp | A-12 | dissolves | no | yellow | | yes | - | - | 7.15 | 1.04 | | - | Water |
| 437 | 7/28/90 | 7/31/90 | Upper Camp | A-31 | dissolves | no | yellow | - | yes | - | - | 6.17 | 1.00 | - | - | Water |
| 444 | 7/28/90 | 7/31/90 | Upper Camp | A-22 | dissolves | no | yellow | - | yes | | 0.00 | 6.17 | 1.00 | - | - | Water |
| 455 | 7/30/90 | 8/1/90 | Upper Camp | A-92 | dissolves | по | no-green | | yes | | - | 6.43 | 1.00 | - | - | Water |
| 459 | 7/28/90 | 7/29/90 | Upper Camp | A-7 | dissolves | no | yellow | 2.50 | yes | - | orange | 5.21 | 1.02 | - 1 | - | Water |
| 461 | 7/28/90 | 7/31/90 | Upper Camp | A-36 | dissolves | no | yellow | | yes | | | 6.42 | 1.00 | - | - | Water |
| 470 | 7/28/90 | 7/31/90 | Upper Camp | A-35 | dissolves | no | yellow | | yes | - | | 6.20 | 1.00 | - | - | Water |
| 472 | 7/28/90 | 7/31/90 | Upper Camp | A-48 | dissolves | no | yellow | - | yes | - | - | 4.78 | 1.00 | - | - | Water |
| 474 | 7/28/90 | 7/29/90 | Upper Camp | A-14 | dissolves | no | yellow | - | yes | | - | 6.31 | 1.03 | | - | Water |
| 477 | 7/28/90 | 7/31/90 | Upper Camp | A-29 | dissolves | no | yellow | - | yes | - | | 6.11 | 1.00 | - | - | Water |
| 486 | 7/28/90 | 7/31/90 | Upper Camp | A-17 | dissolves | no | no/color | - | yes | - | | 6.45 | 1.02 | | - | Water |
| 487 | 7/28/90 | 7/31/90 | Upper Camp | A-20 | dissolves | no | yellow | - | yes | - | | 7.12 | 1.00 | - | - 1 | Water |
| 509 | 7/28/90 | 8/3/90 | Upper Camp | B-60 | dissolves | no | no-green | - | yes | - | | 5.07 | 1.00 | | - | Water |
| 517 | 7/30/90 | 8/1/90 | Creek | A-75 | dissolves | no | no-green | - | yes | - | - | 5.11 | 1.00 | - | - | Water |
| 520 | | | Staging Area | B-7 | dissolves | no | no-green | - | yes | - | - | 6.58 | 1.00 | - | - | Water |
| 522 | 7/30/90 | 8/2/90 | Upper Camp | B-35 | dissolves | no | no-green | - | yes | - | - | 6.78 | 1.00 | - | - | Water |
| 523 | 7/30/90 | 8/3/90 | Upper Camp | B-49 | dissolves | no | no-green | 200 | yes | - | - | 4.62 | 1.02 | - | | Water |
| 527 | 7/28/90 | 7/31/90 | Upper Camp | A-67 | dissolves | no | no/flame | | yes | - | - | 6.82 | 1.00 | - | - | Water |
| 537 | 7/30/90 | 8/1/90 | Upper Camp | A-81 | dissolves | no | no-green | | yes | | | 6.34 | 1.00 | - | - | Water |
| 554 | 7/29/90 | 8/1/90 | Upper Camp | A-85 | dissolves | no | no-green | | yes | - | - | 6.16 | 1.00 | | | Water |
| 558 | 7/30/90 | 8/1/90 | White Alice | A-94 | dissolves | no | no-green | - | yes | - | - | 6.64 | 1.00 | - | - | Water |
| 575 | 7/28/90 | 7/31/90 | Upper Camp | A-32 | dissolves | no | yellow | - | yes | - | - | 5.23 | 1.00 | - | - | Water |
| 581 | 7/30/90 | 8/2/90 | Power Line | B-21 | dissolves | no | no-green | | yes | - | - | 6.20 | 1.00 | - | - | Water |
| 602 | 7/28/90 | | Upper Camp | A-38 | dissolves | no | orange | - | yes | - | - | 3.77 | 1.00 | - 1 | - | Water |
| 632 | 7/28/90 | 7/31/90 | White Alice | A-37 | dissolves | no | yellow | - | yes | - | - | 6.31 | 1.00 | - 1 | - | Water |
| 635 | 7/30/90 | | Upper Camp | A-88 | dissolves | no | no-green | - 1 | yes | - | - | 5.19 | 1.00 | - 1 | - | Water |
| 649 | 7/30/90 | | Upper Camp | B-17 | dissolves | no | no-green | - | yes | - | - | 5.01 | 1.00 | - | | Water |
| 651 | - | | Staging Area | B-45 | dissolves | no | no-green | - | yes | - | | 5.68 | 1.00 | - | | Water |
| 652 | 7/30/90 | 8/2/90 | Upper Camp | B-28 | dissolves | no | no-green | - | yes | - | - | 6.28 | 1.00 | - | - | Water |
| 655 | 7/30/90 | | Upper Camp | A-68 | dissolves | no | no-color | - | yes | | | 6.30 | 1.00 | - 1 | | Water |
| 663 | 7/28/90 | | Upper Camp | A-23 | dissolves | no | yellow | - | yes | | | 5.73 | 1.00 | - | | Water |
| 665 | 7/30/90 | 8/3/90 | Upper Camp | B-42 | dissolves | no | no-green | - | yes | | $\overline{}$ | 5.03 | 1.00 | - | - | Water |
| 720 | | 8/1/90 | White Alice | B-23 | dissolves | no | no-green | - | yes | - | | 6.50 | 1.00 | - | - | Water |

| Sample | Date | Analysis | Location | Lab. Book | | | | | TESTS | | | | | | | Results |
|---------|---------|----------|--------------|-----------|------------|--------------|----------|------------|--------------|--------------|------|--------|----------|-------|----------------|------------------|
| No. | Taken | Date | | & Pg. No. | H2O | Combust- | Chlorine | lodine | Water Test | Chlor-d-tect | Iron | Ph | Specific | Flash | Boiling | \csuits |
| | · . | | | | Solubility | ibility | Hot Wire | Crystal | (effervesce) | 1000 | | 1989 | Gravity | Point | Point | |
| 561 | 7/30/90 | 8/2/90 | Lower Tram | B-36 | dissolves | no | no-green | - | slowly | - | | 7.71 | 1.05 | - | 102°C | Antifreeze |
| 561A(1) | 7/30/90 | 8/2/90 | Lower Tram | B-36 | floats | flash | no-green | - | slightly | - | - | 7.80 | 1.05 | - | 103°C | Antifreeze |
| 642 | 8/2/90 | 8/3/90 | U/C Tram | B-65 | dissolves | flash-out(2) | no-green | - | no | - | | 6.66 | ±1.1 | - | >130°C | A.:tifreeze |
| 904 | 8/2/90 | 8/3/90 | U/C Tram | B-71 | dissolves | flash-out(2) | no-green | - | no | - | | 6.73 | >1. | - | 120°C | A tifreeze |
| 905 | 8/2/90 | 8/3/90 | U/C Tram | B-61 | dissolves | flash-out(2) | no-green | - | no | - | | 7.56 | 11.1 | - | 114°C | Antifreeze |
| 1103 | 7/31/90 | 8/2/90 | White Alice | B-25 | dissolves | flash-out(2) | no-green | - | no | - | | 7.15 | 1.10 | - | 106°C | Antifreeze |
| 217 | 7/30/90 | 8/2/90 | White Alice | B-37 | floats | yes | no-green | red/bwn | | - | | - | 0.81 | 30°C | 100 C | Aviation Fuel |
| 228 | 7/29/90 | 7/31/90 | White Alice | A-57 | floats | yes | orange | brange/bwi | - | - | | - | (3) | 28°C | | Aviation Fuel |
| 688 | 7/30/90 | 8/3/90 | White Alice | B-58 | floats | yes | no-green | red/bwn | | | | - | 0.81 | 36°C | - | Aviation Fuel |
| 159 | 7/30/90 | 8/3/90 | White Alice | B-78 | floats | yes | no-green | no red | | - | - | - | 0.01 | - | | Creosote |
| 238 | 7/29/90 | 8/3/90 | White Alice | B-69 | floats | yes | no-green | no red | no | negative | - | 5.34 | | - | <u>:</u> - | Creosote |
| 591 | 7/28/90 | 8/3/90 | Upper Camp | B-75 | floats | yes | no-green | | | - | - | - | - | | | Creosote |
| 734(4) | 7/31/90 | 8/4/90 | White Alice | B-76 | floats | yes | | | | positive | - | 8.21 | | | - | Diazinon/Oil/H2O |
| 734A(5) | 7/31/90 | 8/4/90 | White Alice | B-76 | dissolves | no | | | yes | - Positive | | 8.00 | | | | Diazinon/Oil/H2O |
| 17 | 7/29/90 | 8/3/90 | Upper Camp | B-64 | floats | yes | no-green | red/bwn | | | | - 0.00 | 0.88 | 90°C | - : | Fuel Oil |
| 22 | 7/29/90 | 8/3/90 | Upper Camp | B-53 | floats | yes | no-green | red/bwn | - | - | - | - | 0.87 | 74°C | | Fuel Oil |
| 64 | 7/30/90 | 8/1/90 | Upper Camp | A-95 | floats | yes | no-green | red/bwn | | - | - | - | 0.87 | 72°C | | Fuel Oil |
| 163 | 7/30/90 | 8/3/90 | White Alice | B-43 | floats | yes | no-green | red/bwn | - | - | - | - | (3) | 52°C | - | Fuel Oil |
| 170 | 7/30/90 | 8/3/90 | White Alice | B-48 | floats | yes | no-green | red/bwn | - | | - | - | 0.81 | 40°C | - | Fuel Oil |
| 170A(1) | 7/30/90 | 8/3/90 | White Alice | B-48 | floats | yes | no-green | red/bwn | - | - | | | | 41°C | | Fuel Oil |
| 172 | 7/29/90 | 7/31/90 | White Alice | A-61 | floats | yes | orange | red/bwn | - | | | - | | 52°C | | Fuel Oil |
| 173 | 7/29/90 | 7/31/90 | White Alice | A-56 | floats | yes | orange | red/bwn | - | - | | | | 59°C | | Fuel Oil |
| 181 | 7/29/90 | 7/31/90 | White Alice | A-62 | floats | yes | orange | red/bwn | - | - | | - | | 40°C | | Fuel Oil |
| 182 | 7/29/90 | 7/31/90 | White Alice | A-53 | floats | yes | orange | red/bwn | - | - | | | | 39°C | - | Fuel Oil |
| 184 | 7/29/90 | 7/31/90 | White Alice | A-54 | floats | yes | orange | red/bwn | - | - | - | 14 | | 47°C | - | Fuel Oil |
| 199 | 7/29/90 | 8/2/90 | White Alice | B-34 | floats | yes | no-green | red/bwn | - | - | - | | | 52°C | - | Fuel Oil |
| 224 | 7/29/90 | 7/31/90 | White Alice | A-60 | floats | yes | orange | red/bwn | - | - | | - | | 60°C | - | Fuel Oil |
| 225 | 7/30/90 | 8/3/90 | White Alice | B-56 | floats | yes | no-green | red/bwn | - | - | | - 1 | | 43°C | - | Fuel Oil |
| 230 | 7/29/90 | 7/31/90 | White Alice | A-58 | floats | yes | orange | red/bwn | - | - | | - | | 56°C | - | Fuel Oil |
| 239 | 7/29/90 | 7/31/90 | White Alice | A-55 | floats | yes | orange | red/bwn | | - | - | | | 40°C | | Fuel Oil |
| 1136 | 7/30/90 | | Staging Area | A-90 | floats | yes | no-green | red/bwn | - | | - | - | | 50°C | | Fuel Oil |
| 578 | 7/29/90 | | Upper Camp | B-66 | floats | yes | no-green | red/bwn | - | | . | - | | 84°C | - | Fuel Oil |
| 664 | 7/30/90 | | Upper Camp | B-63 | Πoats | yes | no-green | red/bwn | | - | - | - | - | 60°C | - | Fuel Oil |
| 680 | 7/30/90 | | White Alice | A-91 | floats | yes | no-green | red/bwn | - | - | | - | | 38°C | - | Fuel Oil |
| 681 | 7/30/90 | 8/3/90 | White Alice | B-54 | floats | yes | no-green | red/bwn | - | | - | - | | 40°C | - | Fuel Oil |

| Sample | Date | Analysis | Location | Lab. Book | | | | | TESTS | | | | | | | Results |
|----------|---------|----------|-------------|-----------|------------|----------|-----------|-----------|--------------|--------------|-------|-------|----------|-------|---------|-----------------|
| No. | Taken | Date | | & Pg. No. | H2O | Combust- | Chlorine | Iodine | | Chlor-d-tect | Iron | Ph | Specific | Flash | Boiling | Results |
| | | | | | Solubility | ibility | Hot Wire | Crystal | (effervesce) | 1000 | 11011 | | Gravity | Point | Point | |
| 687 | 7/29/90 | 7/31/90 | White Alice | A-63 | floats | yes | orange | red/bwn | | | - | - | (3) | 58C | - | ruel Oil |
| 698 | 7/30/90 | 8/2/90 | White Alice | A-97 | floats | yes | no-green | red/bwn | - | - | - | - | 0.81 | 50°C | - | Fuel Oil |
| 707 | 7/29/90 | 7/31/90 | White Alice | A-52 | floats | yes | no-green | rd/orange | - | - | - | - | 0.80 | 48°C | - | Fuel Oil |
| 736 | 7/30/90 | 8/2/90 | White Alice | B-30 | floats | yes | no-green | red/bwn | - | - | | - | 0.81 | 38°C | | Fuel Oil |
| 847 | 8/1/90 | 8/2/90 | Upper Camp | A-99 | floats | yes | no-green | red/bwn | - | - | | - | 0.87 | 76°C | - | uel Oil |
| 924 | 7/30/90 | 8/3/90 | Upper Camp | B-73 | floats | yes | no-green | red/bwn | | - | - | - | 0.87 | 74°C | - | Fuel Oil |
| 1156 | 8/6/90 | 8/6/90 | Whte Alice | B-82 | floats | yes | no-green | red/bwn | - | | | - | 0.87 | 76°C | | Fuel Oil |
| 1156A(1) | 8/6/90 | 8/6/90 | Whte Alice | B-82 | floats | yes | no-green | red/bwn | | - | | | 0.87 | | - | Fuel Oil |
| 58(4) | 7/31/90 | 8/3/90 | Upper Camp | B-68 | floats | yes | no-green | dk. bwn | | | | - | (3) | (3) | - | Fuel Oil/Water |
| 58(5) | 7/31/90 | 8/3/90 | Upper Camp | B-68 | dissolves | no | no-green | - | yes | - | | 5.12 | 1.00 | (3) | - | Fuel Oil/Water |
| 384(4) | 7/29/90 | 8/2/90 | Upper Camp | A-100 | floats | yes | no-green | red/bwn | - · | | - | | | (3) | | Fuel Oil/Water |
| 384(5) | 7/29/90 | 8/2/90 | Upper Camp | A-100 | dissolves | по | no-green | - | yes | | | - | (3) | (3) | -:- | Fuel Oil/Water |
| 851(4) | 7/29/90 | 8/3/90 | Upper Camp | B-67 | floats | Yes | no-green | Rust | - | purple | | - | (3) | (3) | -:- | Fuel Oil/Water |
| 851(5) | 7/29/90 | 8/3/90 | Upper Camp | B-67 | dissolves | no | no-green | - | yes | - Paper | - | 5.00 | (3) | - (3) | | Fuel Oil/Water |
| 261 | 7/29/90 | 7/31/90 | Garage/WA | A-59 | floats | no | orange | brown | | | | 5.00 | <0.8 | | | Gasoline-Leaded |
| 1001 | 7/30/90 | 8/1/90 | Upper Camp | A-96 | floats | yes | no- green | red-bwn | - | | - | - | <0.8 | - | | Gasoline/Leaded |
| 580 | 7/30/90 | 8/1/90 | Power Line | A-80 | dissolves | no | no-green | | yes | - | | 5.24 | 1.00 | - | | Graphite Grease |
| 599(6) | 7/30/90 | 8/1/90 | Upper Camp | A-78 | dissolves | no | no-color | - | yes | - | | 6.09 | 1.00 | - | | Graphite Grease |
| 599(7) | 7/30/90 | 8/1/90 | Upper Camp | A-78(8) | sinks | - | no-color | - | - | - | | 6-8. | - | - | - | Graphite Grease |
| 1154 | 8/6/90 | 8/6/90 | Road to T/C | B-80 | dissolves | no | no-green | | yes | - | - | 5.74 | 1.00 | | 100°C | H2O/Graphite |
| 1154A(1) | 8/6/90 | 8/6/90 | Road to T/C | B-80 | dissolves | no | no-green | - | yes | - | | 5.82 | 1.00 | | 100 C | H2O/Graphite |
| 39 | 7/30/90 | 8/2/90 | Upper Camp | B-33 | dissolves | yes | no-green | red-brn | | negative | | | | | | Oil |
| 171 | 7/30/90 | 8/3/90 | White Alice | B-74 | floats | yes | no-green | - | - | purple | | - | - | | | Oil |
| 899 | 8/2/90 | 8/3/90 | U/C Tram | B-62 | floats | yes | no-green | no-red | | | | | | | | Oil |
| 1017 | 7/30/90 | 8/3/90 | Upper Camp | B-72 | floats | yes | no-green | no-red | - | negative | | | | | | Oil |
| 641 | 8/2/90 | 8/3/90 | U/C Tram | B-70 | floats | no | - | - | | positive | | - | | | | Oil - PCB |
| 144(4) | 7/30/90 | 8/1/90 | Upper Camp | B-27 | floats | no | no-green | - | - | (3) | | | - | - | -:- | Oil/Water |
| 144(5) | 7/30/90 | 8/1/90 | Upper Camp | B-27 | dissolves | no | no-green | - | yes | - | - | 3.84 | 1.00 | - | - | Oil/Water |
| 153(4) | 7/30/90 | 8/4/90 | White Alice | B-77 | floats | yes | no-green | | - | negative | - | | 1.00 | - | | Oil/Water |
| 153(5) | 7/30/90 | 8/4/90 | White Alice | B-77 | dissolves | no | - | | yes | - | | 7-8. | - | - | - | Oil/Water |
| 404 | 7/30/90 | 8/2/90 | Upper Camp | B-32 | floats | yes | - | red-brn | | negative | - | | | - | - | Oil/Water PCB? |
| 659 | 7/31/90 | 7/31/90 | White Alice | A-66(9) | slowly | - | no-yellow | - | | | | 10.06 | - | - | - | Soap |
| 1 | 7/30/90 | 8/2/90 | Base Camp | B-19 | dissolves | no | no-green | - | yes | | | 6.55 | 1.00 | - | | Water |
| 2 | 7/30/90 | 8/2/90 | Base Camp | B-22 | dissolves | no | no-green | | yes | | | 6.59 | 1.00 | | | Water |

| Sample | Date | Analysis | Location | Lab. Book | | | | | TESTS | | | Southern Co. | | | | Results |
|---------|---------|----------|--------------|-----------|-------------------|---------------------|----------------------|-------------------|----------------------------|----------------------|------|--------------|---------------------|----------------|------------------|---------|
| No. | Taken | Date | | & Pg. No. | H2O Solubility | Combust- ibility | Chlorine Hot Wire | Iodine Crystal | Water Test (effervesce) | Chlor-d-tect 1000 | Iron | Ph | Specific Gravity | Flash Point | Boiling Point | Nesans |
| 732 | 7/30/90 | 8/2/90 | Staging Area | B-13 | dissolves | no | no-green | | yes | - | | 6.45 | 1.01 | | - | Water |
| 735 | 7/30/90 | 8/1/90 | White Alice | A-86 | dissolves | no | no-green | - | yes | - | | 5.92 | 1.00 | | | Water |
| 842 | 7/30/90 | 7/31/90 | Upper Camp | A-72 | dissolves | no | no-color | - | yes | - | | 6.74 | 1.00 | | - | Water |
| 860 | 7/29/90 | 8/2/90 | Upper Camp | B-10 | dissolves | no | no-green | - | yes | - | | 4.94 | 1.01 | - | - | Water |
| 861 | 7/29/90 | 7/31/90 | Upper Camp | A-51 | dissolves | no | yellow | 370 | yes | - | | 6.34 | 1.00 | | | Water |
| 862 | 7/29/90 | 7/31/90 | Upper Camp | A-49 | dissolves | no | yellow | - | yes | - | - | 6.34 | 1.00 | | - | Water |
| 891 | 7/29/90 | 8/3/90 | U/C Tram | B-51 | dissolves | no | no-green | - | yes | - | | 5.59 | 1.00 | | | Water |
| 900 | 7/30/90 | 8/1/90 | Upper Camp | A-74 | dissolves | no | no-green | - | yes | - | | 5.98 | 1.00 | | - | Water |
| 906 | 7/28/90 | 7/31/90 | U/C Tram | A-44 | dissolves | no | yellow | | yes | - | | 6.06 | 1.00 | | - | Water |
| 909 | 7/29/90 | 8/2/90 | U/C Tram | B-9 | dissolves | no | no-green | - | yes | - | | 5.46 | 1.00 | - | - | Water |
| 915 | 7/29/92 | 8/3/90 | U/C Tram | B-41 | dissolves | no | no-green | - | yes | - | | 4.93 | 1.00 | - | | Water |
| 916 | 7/30/90 | 8/2/90 | U/C Tram | B-14 | dissolves | no | no-green | 170 | yes | - | | 6.44 | 1.00 | - | - | Water |
| 923 | 7/30/90 | 8/3/90 | Upper Camp | B-59 | dissolves | no | no-green | - | yes | - | | 5.07 | 1.00 | - | - | Water |
| 991 | 7/31/90 | 8/2/90 | Upper Camp | B-26 | dissolves | no | no-green | - | yes | | | 6.34 | 1.00 | | | Water |
| 1155 | 8/6/90 | 8/6/90 | Road to T/C | B-81 | dissolves | no | no-green | | yes | | | 6.43 | 1.00 | - | 100°C | Water |
| 155A(1) | 8/6/90 | 8/6/90 | Road to T/C | B-81 | dissolves | no | no-green | | yes | | | 6.47 | 1.00 | | | Water |

NOTES:

- (1) Split Sample
- (2) Match flashed then went out
- (3) Not enough sample to run test
- (4) Top layer of sample
- (5) Bottom layer of sample
- (6) Liquid layer of sample
- (7) Sludge layer of sample
- (8) Sample #599 had an Acid Test run on the bottom layer, the results were "no rxn".
 (9) Sample #659 had a Hexane and Alcohol Solubility Test run on it, the results were, "no emulsification; orangic".

Comparison of Split Samples

| Sample | Date | Analysis | Location | Lab. Book | | | | | TESTS | | | | | | | Results |
|----------|---------|----------|-------------|-----------|------------|----------|----------|---------|---------------|--------------|------|------|----------|-------|---------|--------------|
| No. | Taken | Date | | & Pg. No. | H2O | Combust- | Chlorine | Iodine | Water Test | Chlor-d-tect | Iron | Ph | Specific | Flash | Boiling | |
| | | | | | Solubility | ibility | Hot Wire | Crystal | (effervesces) | 1000 | | | Gravity | Point | Point | 1 |
| 561 | 7/30/90 | 8/2/90 | Lower Tram | B-36 | dissolves | no | no-green | | slowly | - | | 7.71 | 1.05 | - | 102°C | Antifreeze |
| 561A(1) | 7/30/90 | 8/2/90 | Lower Tram | B-36 | floats | flash | no-green | | slightly | - | | 7.80 | 1.05 | | 103°C | Antifreeze |
| 170 | 7/30/90 | 8/3/90 | White Alice | B-48 | floats | yes | no-green | red/bwn | - | - | | 130 | 0.81 | 40°C | 1.0 | · Fuel Oil |
| 170A(1) | 7/30/90 | 8/3/90 | White Alice | B-48 | floats | yes | no-green | red/bwn | - | - | | | 0.81 | 41°C | | Fuel Oil |
| 1156 | 8/6/90 | 8/3/90 | Whte Alice | B-82 | floats | yes | no-green | red/bwn | | | | | 0.87 | 76°C | | . Fuel Oil |
| 1156A(1) | 8/6/90 | 8/3/90 | Whte Alice | B-82 | floats | yes | no-green | red/bwn | | | | | 0.87 | | | Fuel Oil |
| 1154 | 8/6/90 | 8/6/90 | Road to T/C | B-80 | dissolves | no | no-green | | yes | - | | 5.74 | 1.00 | | 100°C | H2O/Graphite |
| 1154A(1) | 8/6/90 | 8/6/90 | Road to T/C | B-80 | dissolves | sinks | no-green | | yes | - | | 5.82 | 1.00 | | 100°C | H2O/Graphite |
| 38 | 7/29/90 | 8/1/90 | Upper Camp | A-82 | dissolves | no | orange | | yes | - | | 5.17 | 1.00 | - | | Water |
| 38A(1) | 7/29/90 | 8/5/90 | Upper Camp | A-82 | dissolves | no | orange | | yes | | | 5.24 | 1.00 | | 99°C | Water |
| 140 | 7/30/90 | 8/3/90 | Upper Camp | B-47 | dissolves | no | no-green | | yes | | | 6.53 | 1.00 | - | 99° C | Water |
| 140A(1) | 7/30/90 | 8/3/90 | Upper Camp | B-47 | dissolves | no | no-green | | yes | - | | 6.48 | 1.00 | - | 99° C | Water |
| 289 | 7/28/90 | 7/29/90 | Upper Camp | A-6 | dissolves | no | yellow | | yes | - | - | 6.77 | 1.00 | - | | Water |
| 289A(1) | 7/28/90 | 7/29/90 | Upper Camp | A-6 | dissolves | no | no-green | | yes | - | | 6.83 | 1.02 | | 100C | Water |
| 405 | 7/30/90 | 8/1/90 | Upper Camp | A-93 | dissolves | no | no-green | | yes | | | 6.21 | 1.00 | - | | Water |
| 405A(1) | 7/30/90 | 8/1/90 | Upper Camp | A-93 | dissolves | no | no-green | | yes | - | | 6.17 | 1.00 | - | | Water |
| 1155 | 8/6/90 | 8/6/90 | Road to T/C | B-81 | dissolves | no | no-green | | yes | - | | 6.43 | 1.00 | - | 100°C | Water |
| 1155A(1) | 8/6/90 | 8/6/90 | Road to T/C | B-81 | dissolves | по | no-green | | yes | - | | 6.47 | 1.00 | - | | Water |

NOTES:

(1) Split Sample

Results of Duplicate Samples

| Sample | Field | Arsenic | Barium | Cadmium | Chromiun | Lead | Mercury | Selenium | Silver | Glycol | | Polychor | PCB | Flash | Be | oiling P |
|--------|------------|---------------|----------|-----------|----------|----------|------------|----------|----------|----------|-----------|-----------|---------|--------|--------|----------|
| | | | | | | | | | | Ethylene | Propylene | | Aroclor | Point | Start | End |
| No. | Results | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | % | % | Biphenyls | No. | Deg. F | Deg. F | Deg F |
| 561 | Antifreeze | ND (0.1) | ND (0.5) | ND (0.5) | ND (0.5) | 0.7 | 0.004 | ND (0.1) | ND (0.5) | 30.4 | 1.01 | - | - | | - | |
| 39 | Oil | ND (0.5) | ND (1) | ND (0.5) | ND (1) | ND(1) | ND (0.2) | ND (0.5) | ND (1) | - | | ND(1.0) | - | | - | |
| 171 | Oil | ND (0.5) | ND (1.7) | ND (0.5) | ND (1) | ND(1) | ND (0.2) | | | - | | ND(1.0) | - | - | | - |
| 1017 | Oil | ND (0.5) | 827 | ND (0.5) | ND (1) | ND (7.3) | | | | | T . | 11.3 | 1243 | | | - |
| 641 | Oil,PCB | ND (0.5) | ND(1) | ND (0.5) | | ND (1) | ND (0.2) | | | | | ND(1.0) | 1243 | - | - | |
| 153 | Oil | ND (0.1) | ND(1) | ND (0.5) | ND (0.5) | | ND (0.004) | | | | - | ND(1.0) | - | - | - | • |
| 404 | Oil, PCB | ND (0.1) | | | | | ND (0.004) | | | - | - | ND(1.0) | - | - | - | · |
| 144 | Oil | | | | | | ND (0.004) | | | - | | 8.11 | 1242 | - | - | ·- |
| 159 | Creosote | | | - | - | | - | | - (0.5) | - | - | | | - | | - |
| 238 | Creosote | | | | | | | | - | - | | ND(1.0) | - | - | | <u> </u> |
| 591 | Creosole | | | | - | | | - | | | | ND(1.0) | - | | | - |
| FO-1 | Comp. Fuel | ND (0.5) | ND (1) | ND (0.5) | ND (1) | ND (1) | ND (0.2) | ND (0.5) | ND (1) | - | | ND(1.0) | - | | - | - |
| | Comp. Fuel | | | ND (0.5) | ND (1) | ND(1) | | | | - | - | ND(1.0) | - | 125 | 342 | 505 |
| | Comp. Fuel | | | ND (0.5) | | ND(1) | | ND (0.5) | ND (1) | - | · | ND(1.0) | - | 119 | 325 | 520 |
| 261 | Gasoline | 110 (0.5) | 110(1) | 110 (0.5) | (I) | 0.9 | ND (0.2) | ND (0.5) | ND (1) | - | · | ND(1.0) | - | 128 | 314 | 605 |
| 1103 | | ND (0.1) | ND (0.5) | ND (0.5) | | 0.6 | MD (0.00) | ND (0.1) | - · | - | - | - | | <70 | 89 | 426 |
| 905 | | | | ND (0.5) | | | ND (0.02) | | | 47.9 | - | - | - | · | - | |
| 904 | Antifreeze | | | ND (0.5) | | | ND (0.02) | | | 37.4 | - | - | | · | - | - |
| 642 | Antifreeze | 1/2/2/10/2015 | | | | 0.7 | ND (0.004) | | | 61.4 | 3.68 | - | - | · | - | |
| 0-12 | Antifreeze | 1.11 | ND (0.5) | ND (0.5) | ND (0.5) | 0.7 | ND (0.02) | ND (0.1) | ND (0.5) | 84.2 | 3.68 | - | . | . | | |



5633 B STREET • ANCHORAGE, ALASKA 99518 • TELEPHONE (907) 562-2343

FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 @ 18:24

Client Sample ID: LAB ANTIFREEZE DRUM \$561

PWSID :UA

Collected AUG 6 90 € 08:30 hrs.

Received AUG 7 90 @ 16:10 hr..

Preserved with : AS REQUIRED

Analysis Completed : SEP 20 90

Laboratory Supervisor / STEPHEN C. EDE

Released By : Kill (Ld

Client Name : URS CONSULTANTS, INC.

Appendix Co

Client Acct : URSCONS

P.O. NONE RECEIVED

Req \$

Ordered By : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

2)

Special PROJECT #CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA. Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 1 Matrix: LIQUID

| Parameter Tested | Result | Units | Method | Allowable Limits |
|-----------------------------|---------------|-------|----------|---------------------|
| EP TOXICITY METALS ONLY | n/a | n/a | EP SW846 | n/a |
| ARSENIC | ND(0.1) | mg/1 | EPSW846 | 5.0 maximum |
| BARIUM | ND(0.5) | mg/1 | EPSW846 | 100.0 maxim |
| CADMIUM - | ND(0.5) | mg/1 | EPSW846 | 1.0 maximum |
| CHRONIUM | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| LEAD | 0.7 | mg/1 | EPSW846 | 5.0 maximum |
| MERCURY | 0.0040 | ng/l | EPSW846 | 0.2 maximum |
| SELENIUM | ND(0.1) | mg/1 | EPSW846 | 1.0 maximum |
| SILVER | ND(0.5) | mg/l | EPSW846 | 5.0 maximum |
| GLYCOL | **30.4 + 1.01 | | GC | |

Sample

SAMPLE \$899 WAS NOT RECEIVED.

Remarks: MATRIX - AQUEOUS.

"GLICOL RESULTS- & ETHYLENE/PROPYLENE 30.4 + 1.01.

10 Tests Performed

See Special Instructions Above

UA-Unavailable

ND- None Detected

** See Sample Remarks Above

NA- Not Analyzed

LT-Less Than, GT-Greater Than





5633 B STREET • ANCHORAGE, ALASKA 99518 • TELEPHONE (907) 562-2343 FEDERAL TAX I.D. (b) (4)

> AMALISIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 @ 18:25

Client Sample ID:39 LAB OIL DRUM #39

Collected AUG 6 90 € 08:30 hrs.

Received AUG 7 90 € 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 20 90

Laboratory Supervisor ;STEPHEN C. EDE

Released By :

Client Name : URS CONSULTANTS. INC.

Client Acct : URSCONS

P.O. . NONE RECEIVED

Reg #

Ordered By : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

2)

Special PROJECT #CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 2 Matrix: OIL

| Result | Units | Method | Allowable Limits |
|---|---|--|--|
| n/a ND(0.5) ND(1) ND(0.5) ND(1) ND(1) ND(1) ND(1) ND(0.2) ND(0.5) ND(1) | n/a mg/l mg/l mg/l mg/l mg/l mg/l mg/l | EP SW846 EPSW846 EPSW846 EPSW846 EPSW846 EPSW846 EPSW846 EPSW846 | n/a 5.0 maximum 100.0 maximum 1.0 maximum 5.0 maximum 0.2 maximum 1.0 maximum 5.0 maximum |
| | n/a ND(0.5) ND(1) ND(0.5) ND(1) ND(1) ND(2) ND(0.5) | n/a n/a ND(0.5) mg/1 ND(1) mg/1 ND(0.5) mg/1 ND(1) mg/1 ND(1) mg/1 ND(0.2) mg/1 ND(0.5) mg/1 ND(0.5) mg/1 ND(0.5) mg/1 | n/a n/a EP SW846 ND(0.5) mg/1 EPSW846 ND(1) mg/1 EPSW846 ND(0.5) mg/1 EPSW846 ND(1) mg/1 EPSW846 ND(1) mg/1 EPSW846 ND(1) mg/1 EPSW846 ND(0.2) mg/1 EPSW846 ND(0.5) mg/1 EPSW846 ND(0.5) mg/1 EPSW846 ND(1.5) mg/1 EPSW846 |

SAMPLE \$899 WAS NOT RECEIVED. MATRIX -OIL Sample emarks:

11 Tests Performed

ND- None Detected

NA- Not Analyzed

* See Special Instructions Above

** See Sample Remarks Above

LT-Less Than, GT-Greater Than





5633 B STREET - ANCHORAGE, ALASKA 99518 - TELEPHONE (907) 562-2343 FEDERAL TAX I.D.(b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 @ 18:25

Client Sample ID:171 LAB OIL DRUM \$171

PWSID : UA

Collected AUG 6 90 e 08:30 hrs.

Received AUG 7 90 6 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 20 90

Laboratory Supervisor STEPHEN C. EDE

Released By :

- C 9/2

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS P.O. * NONE RECEIVED

Req \$

Ordered by : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

2)

Special PROJECT #CTO-18 US HAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 3

Matrix: OIL

| Programme Francisco Supplication (Control of State Control of State Contro | | | | |
|--|---------|-------|-----------|---------------------|
| Parameter Tested | Result | Units | Method | Allowable Limits |
| EP TOXICITY METALS ONLY | n/a | n/a | EP SW846 | n/a |
| ARSENIC | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| BARIUM | ND(1.7) | mg/l | EPSW846 | 100.0 maxim |
| CADMITM 7 | ND(0.5) | mq/l | EPSW846 | 1.0 maximum |
| CHRONIUM | ND(1) | mg/l | EPSW846 | 5.0 maximum |
| LEAD | ND(1) | mg/l | EPSW846 | 5.0 maximum |
| MERCURY | WD(0.2) | ng/l | EPSW846 | 0.2 maximum |
| SELENIUM | ND()0.5 | mq/l | EPSW846 | 1.0 maximum |
| SILVER | ND(1) | mq/1 | EPSW846 | 5.0 maximum |
| POLYCHLORINATED BIPHENYLS-OIL | ND(1.0) | ppn | EPA 8080 | J. U IMAXIMUM |
| AROCLOR | | PP | 2.1. 3000 | |

Sample SAMPLE \$899 WAS NOT RECEIVED. MATRIX -OIL. Remarks:

11 Tests Performed

ND- None Detected

NA- Not Analyzed

See Special Instructions Above

" See Sample Remarks Above

LT-Less Than, GT-Greater Than





5633 B STREET - ANCHORAGE, ALASKA 99518 - TELEPHONE (907) 562-2343

FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 27 90 @ 09:03

Client Sample ID:1017 LAB OIL DRUM \$1017

PWSID : UA

Collected AUG 6 90 @ 08:30 hrs. Received AUG 7 90 @ 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 20 90

Laboratory Supervisor :STEPHEN C. EDE

Released By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS P.O. . NONE RECEIVED

Reg \$

Ordered By : JERRY DREWS

Send Reports to:

1) URS CONSULTANTS, INC.

2)

Special PROJECT #CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref \$: 902923 Lab Smpl ID: 4

Matrix: OIL

| Parameter Tested | Result | Units | Method | Allowable Limits |
|-------------------------------|---------|--------|----------|---------------------|
| EP TOXICITY METALS ONLY | n/a | n/a | EP SW846 | n/a |
| ARSENIC . | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| BARIUM | 827 | mg/l | EPSW846 | 100.0 maxim |
| CADHIUN | ND(0.5) | mg/l | EPSW846 | 1.0 maximum |
| CHRONIUM | ND(1) | mg/1 | EPSW846 | 5.0 maximum |
| LEAD | ND(7.3) | mg/1 - | EPSW846 | 5.0 maximum |
| MERCURY | ND(0.2) | mg/1 | EPSW846 | 0.2 maximum |
| SELENIUM | ND(0.5) | mg/1 | EPSW846 | 1.0 maximum |
| SILVER | ND(1) | mg/1 | EPSW846 | 5.0 maximum |
| POLYCHLORINATED BIPHENYLS-OIL | 11.3 | ppm | EPA 8080 | |
| AROCLOR | 1242 | | | |

Sample

SAMPLE \$899 WAS NOT RECEIVED.

Remarks: MATRIX - OIL.

11 Tests Performed

See Special Instructions Above

UA-Unavailable

ND- None Detected

" See Sample Remarks Above

NA- Not Analyzed

LT-Less Than, GT-Greater Than





5633 B STREET - ANCHORAGE, ALASKA 99518 - TELEPHONE (907) 562-2343

FEDERAL TAX I.D.(b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 @ 18:27

Client Sample ID:641 LAB OIL DRUM \$641

PWSID : UA

Collected AUG 6 90 e 08:30 hrs.

Received AUG 7 90 € 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 20 90

Laboratory Supervisor ,: STEPHEN C. EDE

Released By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS

P.O. . NONE RECEIVED

Req #

Ordered by : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

2)

Special PROJECT *CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref \$: 902923 Lab Smpl ID: 5 Matrix: OIL

| Parameter Tested | Result | Units | Method | Allowable Limits |
|-------------------------------|---------|-------|----------|---------------------|
| EP TOXICITY "METALS ONLY | n/a | n/a | EP SW846 | n/a |
| ARSENIC | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| BARIUM | ND(1) | mg/1 | EPSW846 | 100.0 maxim |
| CADMIUM - | ND(0.5) | mg/1 | EPSW846 | 1.0 maximum |
| CHROMIUM | ND(1) | mg/1 | EPSW846 | 5.0 maximum |
| LEAD | ND(1) | mg/1 | EPSW846 | 5.0 maximum |
| MERCURY | ND(0.2) | mg/1 | EPSW846 | 0.2 maximum |
| SELENIUM | ND(0.5) | mg/1 | EPSW846 | 1.0 maximum |
| SILVER | ND(1) | mg/1 | EPSW846 | 5.0 maximum |
| POLYCHLORINATED BIPHENYLS-OIL | ND(1.0) | ppm | EPA 8080 | |
| AROCLOR | | | | |

Sample

SAMPLE \$899 WAS NOT RECEIVED.

Remarks: MATRIX - OIL

See Special Instructions Above

" See Sample Remarks Above

LT-Less Than, GT-Greater Than

¹¹ Tests Performed

ND- None Detected

NA- Not Analyzed





5633 B STREET • ANCHORAGE, ALASKA 99518 • TELEPHONE (907) 562-2343 FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 27 90 @ 09:18

Client Sample ID: 153 LAB OIL DRUM #153

PWSID : UA

Collected AUG 6 90 € 08:30 hrs.

Received AUG 7 90 # 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 20 90

Laboratory Supervisor : STEPHEN C. EDE

Released By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS P.O. . NONE RECEIVED

Reg #

Ordered By : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

2)

Special PROJECT \$CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 6

| Parameter Tested | Result | Units | Method | Allowable Limits |
|-------------------------------|------------|-------|----------|---------------------|
| EP TOXICITY METALS ONLY | n/a | n/a | EP SW846 | n/a |
| ARSENIC - | ND(0.1) | mg/l | EPSW846 | 5.0 maximum |
| BARIUM | ND(1.0) | mg/1 | EPSW846 | 100.0 maxim |
| CADMIUM | ND(0.5) | mg/1 | EPSW846 | 1.0 maximum |
| CHRONIUM | ND(0.5) | ng/1 | EPSW846 | 5.0 maximum |
| LEAD | ND(0.5) | mg/1 | EPSW846 | 5.0 meximum |
| MERCURY | ND(0.0040) | mg/1 | EPSW846 | 0.2 maximum |
| SELENIUM | ND(0.1) | mg/1 | EPSW846 | 1.0 maximum |
| SILVER | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| POLYCHLORINATED BIPHENYLS-OIL | ND(1.0) | ppm | EPA 8080 | J.V MAIRON |

Sample SAMPLE \$899 WAS NOT RECEIVED.

Remarks: MATRIX - AQUEOUS.

11 Tests Performed

ND- None Detected

NA- Not Analyzed

* See Special Instructions Above

** See Sample Remarks Above LT-Less Than, GT-Greater Than





5633 B STREET • ANCHORAGE, ALASKA 99518 • TELEPHONE (907) 562-2343 FEDERAL TAX I.D (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order # 26387 Date Report Printed: SEP 27 90 @ 09:21

Client Sample ID: 404 LAB OIL DRUM \$404

AU: DISWS

Collected AUG 6 90 @ 08:30 hrs. Received AUG 7 90 @ 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 20 90

Laboratory Supervisor : STEPHEN C. EDE

Released By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS P.O. \$ NONE RECEIVED

Req 1

Ordered By : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

2)

Special PROJECT *CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref \$: 902923 Lab Smpl ID: 7

Matrix: OTHER

| Parameter Tested | Result | Units | Method | Allowable Limits |
|-------------------------------|------------|-------|----------|---------------------|
| EP TOXICITY METALS ONLY | n/a | n/a | EP SW846 | n/a |
| ARSENIC - | ND(0.1) | mg/1 | EPSW846 | 5.0 maximum |
| BARIUM | ND(0.5) | mg/1 | EPSW846 | 100.0 maxim |
| CADMIUM | ND(0.5) | mg/1 | EPSW846 | 1.0 maximum |
| CHROMI UM | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| LEAD | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| MERCURY | ND(0.0040) | mg/1 | EPSW846 | 0.2 maximum |
| SELENIUM | ND(0.1) | mg/1 | EPSW846 | 1.0 maximum |
| SILVER | ND(0.5) | mg/l | EPSW846 | 5.0 maximum |
| POLYCHLORINATED BIPHENYLS-OIL | ND(1.0) | ppm | EPA 8080 | |
| AROCLOR | | | | |

Sample

SAMPLE \$899 WAS NOT RECEIVED.

Remarks: MATRIX - AQUEOUS.

11 Tests Performed

ND- None Detected NA- Not Analyzed

See Special Instructions Above

" See Sample Remarks Above

LT-Less Than, GT-Greater Than





5633 B STREET • ANCHORAGE, ALASKA 99518 • TELEPHONE (907) 562-2343 FEDERAL TAX I.D. (b) (4)

> ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 27 90 @ 09:29

Client Sample ID:144 LA3 OIL DRUM \$144

Collected AUG 6 90 @ 08:30 hrs.

Received AUG 7 90 & 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed : SEP 20 90

Laboratory Supervisor : STEPHEN C. EDE

Released By : State of

Send Reports to:

1)URS CONSULTANTS, INC.

Ordered By : JERRY DREWS

Client Acct : URSCONS

P.O. NONE RECEIVED

Client Name : URS CONSULTANTS, INC.

2)

Reg #

Special PROJECT #CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref \$: 902923 Lab Smpl ID: 8

Matrix: OTHER

| Parameter Tested | Result | Units | Method | Allowable Limits |
|-------------------------------|------------|-------|----------|---------------------|
| EP TOXICITY METALS ONLY | n/a | n/a | EP SW846 | n/a |
| ARSENIC - | ND(0.1) | mg/1 | EPSW846 | 5.0 maximum |
| BARIUM | ND(0.5) | mg/1 | EPSW846 | 100.0 maxim |
| CADMIUM | ND(0.5) | mq/1 | EPSW846 | 1.0 maximum |
| CHRONIUM | ND(0.5) | ng/l | EPSW846 | 5.0 maximum |
| LEAD | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| MERCURY | ND(0.0040) | mg/1 | EPSW846 | 0.2 maximum |
| SELENIUM | ND(0.1) | ng/l | EPSW846 | 1.0 maximum |
| SILVER | ND(0.5) | mg/l | EPSW846 | 5.0 maximum |
| POLYCHLORINATED BIPHENYLS-OIL | 8.11 | ppm | EPA 8080 | |
| AROCLOR | 1242 | 1200 | | |

SAMPLE \$899 WAS NOT RECEIVED.

Remarks: MATRIX - AQUEOUS.

11 Tests Performed

ND- None Detected

NA- Not Analyzed

* See Special Instructions Above

"See Sample Remarks Above

LT-Less Than, GT-Greater Than





5633 B STREET • ANCHORAGE, ALASKA 99518 • TELEPHONE (907) 562-2343

FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 @ 18:30

Client Sample ID:159 CREOSOTE DRUM \$159

AU: DIZW9

Collected AUG 6 90 @ 08:30 hrs.

Received AUG 7 90 & 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 21 90

Laboratory Supervisor : STEPHEN C. EDE

Released By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS P.O. S NONE RECEIVED

Req \$

Ordered By : JERRY DREWS

Send Reports to:

1) URS CONSULTANTS, INC.

Special PROJECT \$CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 9 . Matrix: OIL

-----AROCLOR

Allowable

Parameter Tested

Units

Limits

POLICHLORINATED BIPHENILS-OIL

ND(1.0)

ppm

EPA 8080

Sample SAMPLE \$899 WAS NOT RECEIVED.

2 Tests Performed .

ND- None Detected

NA- Not Analyzed

* See Special Instructions Above

UA-Unavailable

"" See Sample Remarks Above

LT-Less Than, GT-Greater Than





5633 B STREET • ANCHORAGE, ALASKA 99518 • TELEPHONE (907) 562-2343

FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 @ 18:32

Client Sample ID:591 CREOSOTE DRUM \$591

PWSID : UA

Collected AUG 6 90 @ 08:30 hrs. Received AUG 7 90 @ 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 22 90

Laboratory Supervisor :STEPHEN C. EDE

Released By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS

P.O. . NONE RECEIVED

Req \$

Ordered By : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

2)

Special PROJECT \$CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 11 Matrix: LIQUID

Result

Units Method

Allowable

Limits

POLYCHLORINATED BIPHENYLS-OIL -----AROCLOR

Parameter Tested

ND(1.0) ppm EPA 8080

Sample Remarks:

2 Tests Performed

ND- None Detected

NA- Not Analyzed

* See Special Instructions Above

" See Sample Remarks Above

LI-Less Than, GI-Greater Than





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FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order # 26387 Date Report Printed: SEP 24 90 @ 18:32

Client Sample ID: FO-1 COMPOSITE FUEL OILS

PWSID : UA

Collected AUG 6 90 0 08:30 hrs.

Received AUG 7 90 @ 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 20 90

Laboratory Supervisor : STEPHEN C. EDE

Released By : Step C. Sch

Req #
Ordered By : JERRY DREWS

Client Acct : URSCONS

P.O. . NONE RECEIVED

. . .

Client Name : URS CONSULTANTS, INC.

Send Reports to:

1)URS CONSULTANTS, INC.

2)

Special PROJECT *CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 12

Matrix: OIL

| 1 | Chemiab Ker *: 902923 Lab Smpl 10: 12 | Matrix: | OIL | | |
|---|---------------------------------------|---------|-----------|-----------|---------------------|
| | Parameter Tested | Result | Units | Method | Allowable Limits |
| | POLICHLORINATED BIPHENILS-OIL | ND(1.0) | ppm | EPA 8080 | |
| | EP TOXICITY METALS ONLY | n/a | n/a | EP SW846 | n/a |
| | ARSENIC | ND(0.5) | mg/l | EPSW846 | 5.0 maximum |
| | BARIUM | MD(1) | mg/1 | EPSW846 | 100.0 maxim |
| | CADMIUM | ND(0.5) | mg/1 | EPSW846 | 1.0 maximum |
| | CHRONIUN | ND(1) | mg/1 | EPSW846 | 5.0 maximum |
| | LEAD | ND(1) | mg/l | EPSW846 | 5.0 maximum |
| | MERCURY | ND(0.2) | mg/1 | EPSW846 | 0.2 maximum |
| | SELENIUM | ND(0.5) | mg/l | EPSW846 | 1.0 maximum |
| | SILVER | ND(1) | mg/1 | EPSW846 | 5.0 maximum |
| | FLASH POINT | | degrees F | ASTM DS6 | |
| | ENGLER DISTILLATION | n/a | n/a | ASTM D-86 | +/- 2 degre |
| | INITIAL BOILING POINT | 342 | degrees F | ASTM D86 | n/a |
| | 5 | 362 | degrees F | | |
| | 10 | 368 | degrees F | ASTM D86 | |
| | 15 | 372 | degrees F | ASTM D86 | |
| | 20 | 380 | degrees F | ASTM D86 | |
| | 25 | 384 | | ASTM D86 | |
| | 30 | 388 | degrees F | ASTM D86 | |
| | 35 | 386 | degrees F | ASTM D86 | |
| | 40 | | degrees F | ASTM D86 | |
| | 45 | 396 | degrees F | ASTM D86 | |
| | 50 | 404 | degrees F | ASTM D86 | |
| | 55 | 408 | degrees F | ASTM D86 | |
| | 60 | 414 | degrees F | ASTM D86 | |
| | 65 | 420 | degrees F | ASTM D86 | |
| | 70 | 426 | degrees F | ASTM D86 | |
| | 75 | 432 | degrees F | ASTM D86 | |
| | 80 | 438 | degrees F | ASTM D86 | |
| | 85 | 446 | degrees F | ASTM D86 | |
| | 90 | | degrees F | ASTM D86 | |
| | 53 | 466 | degrees f | ASTM D86 | |





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FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 @ 18:31

Client Sample ID:238 CREOSOTE DRUM \$238

PWSID : UA

Collected AUG 6 90 @ 08:30 hrs.

Received AUG 7 90 @ 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 22 90

Laboratory Supervisor : STEPHEN C. EDE

Released By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS

P.O. NONE RECEIVED

Req #

Ordered By : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

2)

Special PROJECT #CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 10

-----AROCLOR

Matrix: LIQUID

Allowable

Parameter Tested

Method

Limits

POLICHLORINATED BIPHENILS-OIL

ND(1.0)

ppn

EPA 8080

Sample

2 Tests Performed ND- Mone Detected NA- Not Analyzed

See Special Instructions Above

** See Sample Remarks Above

LT-Less Than, GT-Greater Than





5633 B STREET - ANCHORAGE, ALASKA 99518 - TELEPHONE (907) 562-2343

FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 @ 18:34

Client Sample ID: FO-1 COMPOSITE FUEL OILS

Collected AUG 6 90 € 08:30 hrs.

Received AUG 7 90 @ 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 20 90

Laboratory Supervisor : STEPHEN C. EDE

Released By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS

P.O. * NONE RECEIVED

Req !

Ordered By : JERRY DREWS

Send Reports to:

1) URS CONSULTANTS, INC.

2)

Special PROJECT #CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref \$: 902923 Lab Smpl ID: 12 Matrix: OIL

| Parameter Tested | | Result | Units | Method | Allowable Limits |
|----------------------|---------|---------|-----------|----------|---------------------|
| 95 | | 482 | degrees F | ASTM D86 | |
| END POINT | | 505 | degrees F | ASTM D86 | |
| RECOVERY | | 99.0 | ` ` | ASTM D86 | |
| RESIDUE | | 1.0 | | ASTM D86 | |
| LOSS | Table 1 | ND(0.1) | | ASTM D86 | |
| | | | | | |

MATRIX - OIL. BOILING POINT DISTRIBUTION CONSISTENT WITH

Remarks: A MIDDLE DISTILLATE.

37 Tests Performed

See Special Instructions Above

UA-Unavailable

ND- None Detected

" See Sample Remarks Above

NA- Not Analyzed

LT-Less Than, GT-Greater Than





5633 B STREET - ANCHORAGE, ALASKA 99518 - TELEPHONE (907) 562-2343

FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 @ 18:35

Client Sample ID: FO-2 COMPOSITE FUEL OILS

PWSID : UA

Collected AUG 6 90 & 08:30 hrs. Received AUG 7 90 & 16:16 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 22 90

Laboratory Supervisor : STEPHEN C. EDE

Released By: State C. Ele

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS
P.O. NONE RECEIVED

Req #

Ordered By : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

2,

Special PROJECT \$CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

| , | hemlab Ref #: 902923 Lab Smpl ID: 13 | Matrix: | OIL | | |
|---|--------------------------------------|---------|--|-----------------------|---------------------|
| | Parameter Tested | Result | Units | Met hod | Allowable Limits |
| | POLYCHLORINATED BIPHENYLS-OIL | WD(1 0) | | | |
| | AROCLOR | ND(1.0) | ppm | EPA 8080 | |
| | EP TOXICITY METALS ONLY | n/a | n/a | ED 60040 | |
| | ARSENIC ' | ND(0.5) | n/a mg/l | EP SW846 EPSW846 | n/a 5.0 maximum |
| | BARIUM | ND(1) | mg/1 | EPSW846 | 100.0 maximin |
| | CADMIUM | ND(0.5) | mg/1 | EPSW846 | |
| | CHRONIUM | ND(1) | 5.4 | | 1.0 maximum |
| | LEAD | ND(1) | mg/1 | EPSW846 EPSW846 | 5.0 maximum |
| | MERCURY | ND(0.2) | mg/1 | | 5.0 maximum |
| | SELENIUM | ND(0.5) | mg/l mg/l | EPSW846 EPSW846 | 0.2 maximum |
| | SILVER | ND(1) | | | 1.0 maximum |
| | FLASH POINT | 119 | mg/l degrees F | EPS#846 | 5.0 maximum |
| | ENGLER DISTILLATION | n/a | n/a | ASTM D56 ASTM D-86 | +/- 2 degre |
| | INITIAL BOILING POINT | 325 | degrees F | ASTM D86 | n/a |
| | 5 | 351 | degrees F | ASTM D86 | |
| | 10 | 365 | degrees F | ASTM D86 | |
| | 15 | 374 | - | ASTM D86 | |
| | 20 | 380 | degrees F | ASTM D86 | |
| | 25 | 384 | degrees F | ASTN D86 | |
| | 30 | 389 | degrees F | ASTM D86 | |
| | 35 | 393 | degrees F | ASTM D86 | |
| | 40 | 398 | degrees f | ASTM D86 | |
| | 45 | 404 | degrees F | | |
| | 50 | 410 | degrees f | ASTM D86 | |
| | 55 | 415 | and the same of th | ASTM D86 | |
| | 60 | 421 | degrees F | ASTN D86 | |
| | 65 | 426 | degrees F | ASTN D86 | |
| | 70 | 432 | degrees f | ASTM D86 | |
| | 75 | 438 | degrees f | ASTM D86 | |
| | 80 | 446 | degrees F | ASTM D86 | |
| | 85 | | degrees f | ASTM D86 ASTM D86 | |
| | 90 | | degrees f | ASTM D86 | |





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FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 @ 18:36

Client Sample ID: FO-2 COMPOSITE FUEL OILS

PWSID : UA

Collected AUG 6 90 @ 08:30 hrs. Received AUG 7 90 @ 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 22 90

Laboratory Supervisor : STEPHEN C. EDE

Released By : Styll - 24

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS

P.O. NONE RECEIVED

Reg #

Ordered By : JERRY DREWS

Send Reports to:

1) URS CONSULTANTS, INC.

2)

Special PROJECT #CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref \$: 902923 Lab Smpl ID: 13 Matrix: OIL

| Limits |
|--------|
| |
| |
| |
| |
| |
| |

MATRIX - OIL. BOILING POINT DISTRIBUTION CONSISTENT WITH

Remarks: A MIDDLE DISTILLATE.

37 Tests Performed

See Special Instructions Above

UA-Unavailable

ND- None Detected

NA- Not Analyzed

"" See Sample Remarks Above

LT-Less Than, GT-Greater Than





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FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 € 18:37

lient Sample ID:FO-3 COMPOSITE FUEL OILS

PWSID :UA

ollected AUG 6 90 @ 08:30 hrs. eceived AUG 7 90 @ 16:10 hrs. Preserved with :AS REQUIRED

nalysis Completed :SEP 20 90

Laboratory Supervisor : STEPHEN C. EDE

deleased By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS

P.O. NONE RECEIVED

Reg \$

Ordered By : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

2)

Special PROJECT \$CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 14

Matrix: OIL

| Parameter Tested | Result | Units | Method | Allowable Limits |
|-------------------------------|---------|-----------|-----------|---------------------|
| Latametat leared | | | | |
| POLYCHLORINATED BIPHENYLS-OIL | ND(1.0) | ppm | EPA 8080 | |
| AROCLOR | | | | |
| EP TOXICITY METALS ONLY | n/a | n/a | EP SW846 | n/a |
| ARSENIC | MD(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| BARIUM | ND(1) | mg/1 | EPSW846 | 100.0 maxim |
| CADMIUM | MD(0.5) | mg/1 | EPSW846 | 1.0 maximum |
| CHRONIUN | ND(1) | mg/1 | EPSW846 | 5.0 maximum |
| LEAD | ND(1) | mg/1 | EPSW846 | 5.0 maximum |
| MERCURY | ND(0.2) | mg/1 | EPSW846 | 0.2 maximum |
| SELENIUM | ND(0.5) | mg/1 | EPSW846 | 1.0 maximum |
| SILVER | ND(1) | mg/1 | EPSW846 | 5.0 maximum |
| . FLASH POINT | 128 | degrees F | ASTH DS6 | +/- 2 degre |
| ENGLER DISTILLATION | n/a | n/a | ASTM D-86 | n/a |
| INITIAL BOILING POINT | 314 | degrees F | ASTN D86 | |
| 5 | 360 | degrees F | ASTM D86 | |
| 10 | 378 | degrees F | ASTH D86 | |
| 15 | 390 | degrees F | ASTM D86 | |
| 20 | 402 | degrees F | ASTM D86 | |
| 25 | 413 | degrees F | ASTM D86 | |
| 30 | 422 | degrees F | ASTM D86 | |
| 35 | 431 | degrees F | ASTM D86 | |
| 40 | 440 | degrees F | ASTN D86 | |
| 45 | 450 | degrees F | ASTM D86 | |
| 50 | 460 | degrees F | ASTM D86 | |
| 55 | 4168 | degrees F | ASTM D86 | |
| 60 | 479 | degrees F | ASTM D86 | |
| 65 | 490 | degrees F | ASTM D86 | |
| 70 | 500 | degrees F | ASTM D86 | |
| 75 | 514 | - | ASTM D86 | |
| 80 | 528 | degrees F | ASTM D86 | |
| 85 | 541 | degrees F | ASTM D86 | |
| 90 | 558 | degrees F | ASTM D86 | |





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FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 @ 18:38

Client Sample ID:FO-3 COMPOSITE FUEL OILS

PWSID : UA

Collected AUG 6 90 @ 08:30 hrs.

Received AUG 7 90 @ 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 20 90

Laboratory Supervisor :STEPHEN C. EDE

Released By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS

P.O. . NONE RECEIVED

Ordered By : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

Special PROJECT \$CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA. Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 14 Matrix: OIL

| | | | | Allowable |
|----------------------|--------|-----------|----------|-----------|
| Parameter Tested | Result | Units | Method | Limits |
| 95 | 580 | degrees F | ASTM D86 | |
| END POINT | 605 | degrees F | ASTM D86 | |
| RECOVERI | 99.0 | 1 | ASTM D86 | |
| RESIDUE | 0.5 | A. | ASTM D86 | |
| LOSS | 0.5 | A | ASTM D86 | |

MATRIX - OIL. BOILING POINT DISTRIBUTION CONSISTENT WITH

Remarks: A WIDDLE DISTILLATE.

37 Tests Performed

ND- None Detected

NA- Not Analyzed

See Special Instructions Above

" See Sample Remarks Above

LT-Less Than, GT-Greater Than





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FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 25 90 € 12:48

Client Sample ID:261 GASOLINE DRUM \$261

PWSID : UA

Collected AUG 6 90 @ 08:30 hrs. Received AUG 7 90 @ 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 7 90

Laboratory Supervisor : STEPHEN C. EDE

Released By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS P.O. . NONE RECEIVED

Req \$

Ordered By : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

2)

Special PROJECT *CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 15

Matrix: OIL

| Parameter Tested | Result | Units | Method | Allowable Limits |
|-----------------------|--------|------------|-----------|---------------------|
| . argmerer leared | | | | |
| LEAD | 0.9 | gm/GAL | AA | |
| FLASH POINT | LT 70 | degrees F | ASTM D56 | +/- 2 degre |
| ENGLER DISTILLATION | n/a | n/a | ASTM D-86 | n/a |
| INITIAL BOILING POINT | 89 | degrees F | ASTM D86 | |
| 5 | 108 | degrees F | ASTM D86 | |
| 10 | 118 | degrees F | ASTM D86 | |
| 15 | 128 | degrees F | ASTM D86 | |
| 20 | 138 | degrees F | ASTM D86 | |
| 25 | 149 | degrees F | ASTM D86 | |
| 30 | 160 | degrees F | ASTM D86 | |
| 35 | 170 | degrees F | ASTM D86 | |
| 40 | 182 | degrees F | ASTM D86 | |
| 45 | 194 | degrees F | ASTM D86 | |
| 50 | 206 | degrees F | ASTM D86 | |
| 55 | 219 | degrees F | ASTM D86 | |
| 60 | 233 | degrees F | ASTM D86 | |
| 65 | 248 | degrees F | ASTM D86 | |
| 70 | 266 | degrees F | ASTM D86 | |
| 75 | 288 | degrees. F | ASTM D86 | |
| 80 | 314 | degrees F | ASTM D86 | |
| 85 | 339 | degrees F | ASTM D86 | |
| 90 | 354 | degrees F | ASTN D86 | |
| 95 | 406 | degrees F | ASTM D86 | |
| END POINT | 426 | degrees F | ASTM D86 | |
| RECOVERY | 98.1 | | ASTN D86 | |
| RESIDUE | 0.8 | • | ASTN D86 | |
| LOSS | 1.1 | ` | ASTM D86 | |





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FEDERAL TAX I.D (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 25 90 @ 12:48

Client Sample ID:261 GASOLINE DRUM \$261

PWSID : UA

Collected AUG 6 90 € 08:30 hrs. Received AUG 7 90 € 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 7 90

Laboratory Supervisor : STEPHEN C. EDE

Released By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS

P.O. \$ NONE RECEIVED

Reg \$

Ordered By : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

2)

Special PROJECT *CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA. Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 15 Matrix: OIL

Allowable

Parameter Tested

Result

Units Method

Limits

BOILING POINT DISTRIBUTION CONSISTENT WITH GASOLINE, POS-Remarks: SIBLY AUTOMOTIVE GASOLINE.

27 Tests Performed

ND- None Detected

NA- Not Analyzed

See Special Instructions Above

" See Sample Remarks Above

LI-Less Than, GI-Greater Than





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FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 @ 18:41

Client Sample ID:1103 ANTIFREEZE DRUM \$1103

PWSID : UA

Collected AUG 6 90 @ 08:30 hrs. Received AUG 7 90 @ 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 20 90

Laboratory Supervisor STEPHEN C. EDE
Released By : Laboratory Supervisor STEPHEN C. EDE

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS

P.O. \$ NONE RECEIVED

Req \$

Ordered By : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

2)

Special PROJECT *CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 16 Matrix: LIQUID

| Parameter Tested | Result | Units | Method | Allowable Limits |
|-------------------------|---------------|-------|----------|---------------------|
| EP TOXICITY METALS ONLY | n/a | n/a | EP SW846 | n/a |
| ARSENIC | ND(0.1) | mg/1 | EPSW846 | 5.0 mayimum |
| BARIUM | ND(0.5) | mg/l | EPSW846 | 100.0 maxim |
| CADMIUM - | ND(0.5) | mg/1 | EPSW846 | 1.0 maximum |
| CHROMIUM | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| LEAD | 0.6 | mg/l | EPSW846 | 5.0 maximum |
| MERCURY | ND(0.02) | mg/l | EPSW846 | 0.2 maximum |
| SELENIUM | ND(0.1) | mg/1 | EPSW846 | 1.0 maximum |
| SILVER | ND(0.5) | mq/l | EPSW846 | 5.0 maximum |
| GLICOL | ETHYLENE 47.9 | 1 | GC | |

Sample

MATRIX - AQUEDOUS.

Remarks:

10 Tests Performed

ND- None Detected

NA- Not Analyzed

* See Special Instructions Above

** See Sample Remarks Above

LT-Less Than, GT-Greater Than



CHEMICAL & GEOLOGICAL LABORATORIES OF ALASKA, INC.



5633 B STREET • ANCHORAGE, ALASKA 99518 • TELEPHONE (907) 562-2343

FEDERAL TAX I.D. (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 € 18:42

Client Sample ID:905 ANTIFREEZE DRUM \$905

PWSID : UA

Collected AUG 6 90 @ 08:30 hrs. Received AUG 7 90 @ 16:10 hrs.

Preserved with :AS REQUIRED

Analysis Completed :SEP 20 90

Laboratory Supervisor : STEPHEN C. EDE

Released By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS

P.O. . NONE RECEIVED

Req #

Ordered By : JERRY DREWS

Send Reports to:

1) URS CONSULTANTS, INC.

Special PROJECT \$CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA. Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 17

Matrix: LIQUID

| Parameter Tested | Result | Units | Method | Allowable Limits |
|-------------------------|---------------|-------|----------|---------------------|
| EP TOXICITY METALS ONLY | n/a | n/a | EP SW846 | n/a |
| ARSENIC | ND(0.1) | mg/1 | EPSW846 | 5.0 maximum |
| BARIUM | ND(0.5) | mg/1 | EPSW846 | 100.0 maxim |
| CYDHIAM | ND(0.5) | mg/1 | EPSW846 | 1.0 maximum |
| CHRONIUN | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| LEAD | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| MERCURY | ND(0.02) | mg/1 | EPSW846 | 0.2 maximum |
| SELENIUM | ND(0.1) | mg/1 | EPSW846 | 1.0 maximum |
| SILVER | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| GLYCOL | ETHYLENE 37 4 | | cc | |

Sample

MATRIX - AQUEOUS.

10 Tests Performed

ND- None Detected

NA- Not Analyzed

See Special Instructions Above

" See Sample Remarks Above

LT-Less Than, GT-Greater Than

UA-Unavailable



CHEMICAL & GEOLOGICAL LABORATORIES OF ALASKA, INC.



5633 B STREET • ANCHORAGE, ALASKA 99518 • TELEPHONE (907) 562-2343

FEDERAL TAX I.D (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 25 90 @ 12:48

Client Sample ID: 904 ANTIFREEZE DRUM \$904

PWSID :UA

Collected AUG 6 90 @ 08:30 hrs.

Received AUG 7 90 € 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed : SEP 20 90

Laboratory Supervisor ;STEPHEN C. EDE Released By :

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS

P.O. . NONE RECEIVED

Req \$

Ordered By : JERRY DREWS

Send Reports to:

1)URS CONSULTANTS, INC.

Special PROJECT \$CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref \$: 902923 Lab Smpl ID: 18

Matrix: LIQUID

| Parameter Tested | Result | Units | Method | Allowable Limits |
|-------------------------|----------------|-------|----------|---------------------|
| EP TOXICITY METALS ONLY | n/a | n/a | EP SW846 | n/a |
| ARSENIC | 2.52 | mq/l | EPSW846 | 5.0 maximum |
| BARIUM | ND(0.5) | mg/l | EPSW846 | 100.0 maxim |
| CADMIUM - | ND(0.5) | mg/1 | EPSW846 | 1.0 maximum |
| CHROMIUM | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| LEAD | 0.7 | mg/1 | EPSW846 | 5.0 maximum |
| MERCURY SELENIUM | ND(0.0040) | mg/1 | EPSW846 | 0.2 maximum |
| SILVER | ND(0.1) | mg/1 | EPSW846 | 1.0 maximum |
| GLYCOL | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| GETCOL | ** 61.4 + 3.68 | N . | GC | |

Sample

"GLYCOL RESULT - & ETHYLENE + PROPYLENE 61.4 + 3.68.

Remarks:

10 Tests Performed

ND- None Detected

NA- Not Analyzed

* See Special Instructions Above

** See Sample Remarks Above

LT-Less Than, GT-Greater Than

UA-Unavailable



CHEMICAL & GEOLOGICAL LABORATORIES OF ALASKA, INC.



5633 B STREET • ANCHORAGE, ALASKA 99518 • TELEPHONE (907) 562-2343

FEDERAL TAX I.D (b) (4)

ANALYSIS REPORT BY SAMPLE for Work Order \$ 26387 Date Report Printed: SEP 24 90 @ 18:43

Client Sample ID:642 ANTIFREEZE DRUM #642

PWSID : UA

Collected AUG 6 90 @ 08:30 hrs. Received AUG 7 90 @ 16:10 hrs.

Preserved with : AS REQUIRED

Analysis Completed :SEP 20 90

Laboratory Supervisor : STEPHEN C. EDE

Released By : Office

Client Name : URS CONSULTANTS, INC.

Client Acct : URSCONS

P.O. \$ NONE RECEIVED

Req \$

Ordered By : JERRY DREWS

Send Reports to:

1) URS CONSULTANTS, INC.

2)

Special PROJECT *CTO-18 US NAVY ST. LAWRENCE ISLAND, ALASKA.

Instruct:

Chemlab Ref #: 902923 Lab Smpl ID: 19 Matrix: LIQUID

| The second secon | | | | |
|--|----------------|-------|----------|---------------------|
| Parameter Tested | Result | Units | Method | Allowable Limits |
| EP TOXICITY*METALS ONLY | n/a | n/a | EP SW846 | n/a |
| ARSENIC | 1.11 | mg/1 | EPSW846 | 5.0 maxtmum |
| BARIUM | ND(0.5) | mg/1 | EPSW846 | 100.0 maxim |
| CADMIUM - | ND(0.5) | mg/1 | EPSW846 | 1.0 maximum |
| CHRONIUM | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| LEAD | 0.7 | mg/1 | EPSW846 | 5.0 maximum |
| MERCURY | ND(0.02) | mg/1 | EPSW846 | 0.2 maximum |
| SELENIUM | ND(0.1) | mg/1 | EPSW846 | 1.0 maximum |
| SILVER | ND(0.5) | mg/1 | EPSW846 | 5.0 maximum |
| GLYCOL | ** 84.2 + 3.68 | ١. | GC | |

" GLYCOL RESULT - * ETHYLENE + PROPYLENE * " 84.2 + 3.68 Remarks:

10 Tests Performed

ND- None Detected NA- Not Analyzed

See Special Instructions Above

°° See Sample Remarks Above

LT-Less Than, GT-Greater Than

UA-Unavailable

APPENDIX D

DRUM CONTENTS AND TOTALS

| | 0 | | |
|--|------------------|-------|------------|
| Switch Box | 1000 lb | DRMO | PCB Solid |
| Transformer | 1000 lb | DRMO | PCB Solid |
| Transformer | 1000 lb | DRM0 | PCB Solid |
| | 1000 lb | | |
| | 3 | | |
| Switch Box | 1500 lb | DRMO | PCB Solid |
| Switch Box | 1500 lb | DRMO | PCB Solid |
| Switch Box | 1500 lb | DRM0 | PCB Solid |
| | 1500 lb | | |
| Tanadana | 3 | | |
| Transformer Transformer | 200 lb | DRMO | PCB Solid |
| Transformer | 200 lb | DRMO | PCB Solid |
| | 200 1ь | | |
| Transformer | 2 | 20140 | 000 0.1/4 |
| Transformer | 300 lb | DRMO | PCB Solid |
| Transformer | 300 lb 300 lb | DRMO | PCB Solid |
| Transformer | 300 lb | DRMO | PCB Solid |
| 11 distornier | 300 lb | DRMO | PCB Solid |
| | 4 | | |
| Transformer | 400 lb | DRMO | PCB Solid |
| Transformer | 400 lb | DRMO | PCB Solid |
| Transformer | 400 lb | DRMO | PCB Solid |
| Transformer | 400 lb | DRMO | PCB Solid |
| The state of the s | 400 lb | 51410 | 1 00 00114 |
| | 4 | | |
| Transformer | 500 lb | DRM0 | PCB Solid |
| Transformer | 500 lb | DRMO | PCB Solid |
| Transformer | 500 lb | DRMO | PCB Solid |
| | 500 lb | | |
| | 3 | | |
| Transformer | 700 lb | DRMO | PCB Salid |
| Transformer | 700 lb | DRM0 | PCB Solid |
| Transformer | 700 lb | DRMO | PCB Salid |
| Transformer | 700 lb | DRMO | PCB Salid |
| Transformer | 700 lb | DRMO | PCB Solid |
| Transformer | 700 lb | DRMO | PCB Solid |
| | 700 lb | | |
| | 6 | | |

Open/Closed Disposa Hazard Class

Drum Type Drum Contents

Drum | Location

Item

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Closed | Disposa | Hazard Class |
|--------|-----------|-------------|------------------|---------------------|-------------|-------------|---|
| | | Transformer | | 800 lb | | DRMO | PCB Solid |
| | | Transformer | | 800 lb | | DRMO | PCB Solid |
| | | Transformer | | 800 lb | | DRMO | PCB Solid |
| | | Transformer | | 800 lb | | DRMO | PCB Solid |
| | | Transformer | | 800 lb | | DRMO | PCB Solid |
| | | Transformer | | 800 lb | | DRMO | PCB Solid |
| | | Transformer | | 800 lb | | DRMO | PCB Solid |
| | | Transformer | | 800 lb | | DRMO | PCB Solid |
| | | | | 800 lb | | | |
| | | | | 8 | | | |
| | | | | 33 | | | |
| | 0 | | | 33 | | | |
| 158 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| 271 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| 545 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| 560 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| 584 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| 585 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| 604 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| 926 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| 927 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| 928 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| 929 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| 930 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| 969 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| 970 | B/C Road | Single Drum | Bung | Empty | | DRMO | Salvage |
| | | • | | Empty | | | • |
| | | | | 14 | | | |
| | B/C Road | | | 14 | | | |
| | 14 | | | 14 | | | |
| 1 | Base Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 2 | Base Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 1174 | Base Camp | Single Drum | Open | Empty | | DRMO | Salvage |
| | | | C.C.C.* \$10,000 | Empty | | | 94.4 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (|
| | | | | 3 | | | |
| | Base Camp | Single Drum | Bung | Non Hazardous Waste | | DRMO | Salvage |
| | Base Camp | Single Drum | Bung | Non Hazardous Waste | | DRMO | Salvage |
| | Base Camp | Single Drum | Bung | Non Hazardous Waste | | DRM0 | Salvage |
| | Base Camp | Single Drum | Bung | Non Hazardous Waste | | DRM0 | Salvage |
| | Base Camp | Single Drum | Bung | Non Hazardous Waste | | DRMO | Salvage |
| | Base Camp | Single Drum | Bung | Non Hazardous Waste | | DRMO | Salvage |
| | | | A157 YOUR AST-1 | Non Hazardous Waste | | | |

| Dtum I | Location | Item | Drum Type | Drum Contents | Open/Closed | Disposa | Hazard Class | |
|--------|-----------------|--------------|-----------|--------------------------|-------------|-------------|--------------------|-----|
| | | 2. 2.2 | | 6 | | | | |
| 223 | Base Camp | Single Drum | Polypack | Sewer Sludge | | Sound | Non Hazardous | |
| 618 | Base Camp | Single Drum | Polypack | Sewer Sludge | | Sound | Non Hazardous | |
| 619 | Base Camp | Single Drum | Polypack | Sewer Sludge | | Sound | Non Hazardous | |
| 623 | Base Camp | Single Drum | Polypack | Sewer Sludge | | Sound | Non Hazardous | |
| | | | | Sewer Sludge | | | | |
| 540 | | | | 4 | | - | | |
| 377 | Base Camp | Single Drum | Polypack | Waste, Incinerated/Sound | | Sound | Non Hazardous | |
| 550 | Base Camp | Single Drum | Polypack | Waste, Incinerated/Sound | | Sound | Non Hazardous | |
| 551 | Base Camp | Single Drum | Polypack | Waste, Incinerated/Sound | | Sound | Non Hazardous | |
| | | | | Waste, Incinerated/Sound | | | | |
| | Page Comp | | | 3 | | | | |
| | Base Camp 16 | | | 16 16 | | | | |
| 155 | Creek | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 156 | Creek | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 516 | Creek | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 517 | Creek | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 519 | Creek | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 0.5 | Or OOK | origio or an | Dung | Empty | | DIM 10 | Currogo | |
| | | | | 5 | | | | |
| | Creek | | | 5 | | | | |
| | 5 | | | 5 | | | | |
| 248 | Barage/WA | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 249 | Saraga/WA | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 252 | Barage/WA | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 253 | Barage/WA | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 255 | Barage/WA | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 256 | Sarage/WA | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 259 | Garage/WA | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 260 | Sarage/WA | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| | | | | Empty | | | | |
| 25.4 | 0 | Circle Deve | | 8 | Factoria | 0040 | Florenchic Line da | |
| 254 | Barage/WA | Single Drum | Bung | Fuel - Aviation | Factory | DRM0 | Flammable Liquid | |
| | | | | Fuel - Aviation | | | | |
| 261 | Barage/WA | Single Drum | Bung | Fuel - Gasoline | | TSD | Flammable Liquid | |
| 201 | ou ager no | omgre or an | Durig | Fuel - Gasoline | | 100 | r rammable Eliquid | |
| | | | | 1 | | | | |
| | Garage/W | | | 10 | | | | |
| | 10 | | | 10 | | | | |
| 561 | Lower Tram | Single Drum | Bung | Antifreeze | | TSD | Non Regulated | Pag |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Closed | Disposa | Hazard Class | |
|--------|---------------|-----------------|-----------|-------------------|-------------|---------|--------------|------|
| | | | | Antifreeze | | | | |
| 504 | Lower Tram | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 507 | Lower Tram | | Bung | Empty | | DRMO | Salvage | |
| 541 | Lower Tram | | Bung | Empty | | DRMO | Salvage | |
| 542 | | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 543 | | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 544 | | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 620 | | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 675 | Lower Tram | | Bung | Empty | | DRMO | Salvage | |
| 982 | Lower Tram | | Bung | Empty | | DRMO | Salvage | |
| 1129 | Lower Tram | | Bung | Empty | | DRMO | Salvage | |
| 1129 | LOWEL II GIII | Jiligis Di Cili | Dung | Empty | | D111110 | ougr | |
| | | | | 10 | | | | |
| 622 | Louis Trem | Single Drum | Bung | PCB 0il | | TSD | PCB Liquid | |
| 646 | | | | PCB 011 | | TSD | PCB Liquid | |
| 971 | Lower Tram | | Bung | PCB 011 | | TSD | PCB Liquid | |
| | Lower Tram | | Bung | | | TSD | PCB Liquid | |
| 972 | Lower Iram | Single Drum | Bung | PCB 011 | | 130 | PCD LIQUIO | |
| | | | | PCB Oil | | | | |
| 552 | Lower Trem | Single Drum | Bung | PCB Waste - Solid | | TSD | PCB Solid | |
| 654 | Lower Tram | | Bung | PCB Waste - Solid | | TSD | PCB Solid | |
| 730 | Lower Tram | | Bung | PCB Waste - Solid | | TSD | PCB Solid | |
| 1128 | | | | PCB Waste - Solid | | TSD | PCB Solid | |
| 1120 | rower Iram | Single Drum | Polypack | PCB Waste - Solid | | 100 | r CD Odila | |
| | | | | 4 | | | | |
| | Lower Tra | | | 19 | | | | |
| | 19 | | | 19 | | | | |
| 157 | Power Line | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 269 | Power Line | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 270 | Power Line | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 274 | Power Line | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 580 | Power Line | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 581 | Power Line | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 582 | Power Line | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 302 | PUWEI LINE | angle of un | Durig | Empty | | 5 | ou.rugu | |
| | | | | 7 | | | | |
| | Power Lin | | | 7 | | | | |
| | 7 | | | 7 | 9 | | | |
| 250 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | arc. |
| 624 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | 5 |
| 628 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | ç |
| 020 | Rudu (U I/C | unigio Di uni | Durig | | | | | , |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazard Class | |
|--------|-------------|-------------|-----------|---------------|-------------|---------------------|--------------|---|
| 640 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 644 | Road to T/C | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 676 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 724 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 728 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 919 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 920 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 1152 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 1153 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 1154 | Road to T/C | Singla Drum | Bung | Empty | | DRM0 | Salvage | |
| 1155 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 1157 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 1158 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 1159 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 1160 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 1161 | Road to T/C | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 1162 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 1163 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 1164 | Road to T/C | Single Drum | Bung | Empty | | DRMO | Salvage | |
| | | | - | Empty | | | | |
| | | | | 22 | | | | |
| | Road to T/ | | | 22 | | | | |
| | 22 | | | 22 | | | | |
| 772 | Slope 2-3 | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 774 | Slope 2-3 | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 775 | Slope 2-3 | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 776 | Slope 2-3 | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 781 | Slope 2-3 | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 782 | Slope 2-3 | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 845 | Slope 2-3 | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| | | | | Crushed | | | | |
| | | | | 7 | | NEW SERVICE SERVICE | (20) 201 | |
| 535 | Slope 2-3 | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 563 | Slope 2-3 | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 566 | Slope 2-3 | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 583 | Slope 2-3 | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 656 | Slope 2-3 | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 741 | Slope 2-3 | Single Drum | Bung | Empty | | DRMO | Salvage | DR |
| 742 | Slope 2-3 | Single Drum | Bung | Empty | | DRMO | Salvage | at |
| 743 | Slope 2-3 | Single Drum | Bung | Empty | | DRMO | Salvage | S: S |
| 744 | Slope 2-3 | Single Drum | Bung | Empty | | DRMO | Salvage | Q 2 P |
| 745 | Slope 2-3 | Single Drum | Bung | Empty | | DRMO | Salvage | PN |
| | | | | | | | | Appendix D Revision No.: 0 Date: 03/20/91 Page 5 |
| | | 18 | | | | | | 0 91 0 5 |
| | | | | | | | | |

| Drum I | Location | Item | Drum Type | Drum | Contents | Open/Clased | Disposa | Hazard Class |
|--------|---------------|----------------|-----------|--------------|----------|-------------|---------|---|
| 746 | Slope 2-3 | Single Drum | Bung | Empty | | | DRMO | Salvage |
| 748 | Slope 2-3 | Single Drum | Bung | Empty | | | DRMO | Salvage |
| 750 | Slope 2-3 | Single Drum | Bung | Empty | | | DRMO | Salvage |
| 751 | Slope 2-3 | Single Drum | Bung | Empty | | | DRMO | Salvage |
| 752 | Slope 2-3 | Single Drum | Bung | Empty | | | DRMO | Salvage |
| 753 | Slope 2-3 | Single Drum | Bung | Empty | | | DRM0 | Salvage |
| 754 | Slope 2-3 | Single Drum | Bung | Empty | | | DRM0 | Salvage |
| 755 | Slope 2-3 | Single Drum | Bung | Empty | | | DRM0 | Salvage |
| 756 | Slope 2-3 | Single Drum | Bung | Empty | | | DRMO | Salvage |
| 761 | Slope 2-3 | Single Drum | Bung | Empty | | | DRMO | Salvage |
| 762 | Slope 2-3 | Single Drum | Bung | Empty | | | DRM0 | Salvage |
| 763 | Slope 2-3 | Single Drum | Bung | Empty | | | DRM0 | Salvage |
| 764 | Slope 2-3 | Single Drum | Bung | Empty | | | DRMO | Salvage |
| 765 | Slope 2-3 | Single Drum | Bung | Empty | | | DRM0 | Salvage |
| 767 | Slope 2-3 | Single Drum | Bung | Empt | | | DRM0 | Salvage |
| 768 | Slope 2-3 | Single Drum | Bung | Empt | | | DRMO | Salvage |
| 769 | Slope 2-3 | Single Drum | Bung | Empt | | | DRMO | Salvage |
| | | | - | Emp | | | DRMO | Salvage |
| | | | | 27 | | | | |
| | Slope 2-3 | | | 34 | | | | |
| | 34 | | | 34 | | | | |
| 911 | Slope 3-4 | Single Drum | Bung | Crus | | | DRMO | Salvage |
| | | , | | Crus | d | | | |
| | | | | 1 | _ | | | |
| 826 | Slope 3-4 | Single Drum | Bung | Empt | | | DRMO | Salvage |
| 827 | Slope 3-4 | Single Drum | Bung | Empt | | | DRMO | Salvage |
| 830 | Slope 3-4 | Single Drum | Bung | Empt | | | DRMO | Salvage |
| 831 | Slope 3-4 | Single Drum | Bung | Empt | | | DRMO | Salvage |
| 832 | Slope 3-4 | Single Drum | Bung | Empt | | | DRMO | Salvage |
| 834 | Slope 3-4 | Single Drum | Bung | Empt | | | DRMO | Salvage |
| 835 | Slope 3-4 | Single Drum | Bung | Empt | | | DRMO | Salvage |
| 836 | Slope 3-4 | Single Drum | Bung | Empt | | | DRMO | Salvage |
| 839 | Slope 3-4 | Single Drum | Bung | Empt | | | DRMO | Salvage |
| 840 | Slope 3-4 | Single Drum | Bung | Empt | | | DRMO | Salvage |
| 1130 | Slope 3-4 | Single Drum | Bung | Empt | | | DRMO | Salvage |
| 1150 | Stope 5 4 | anigro Di Gili | bung | Emp | | | DKITO | Jarraga |
| | | | | 11 | | | | |
| | Slope 3-4 | | | 12 | | | | |
| | 12 | | | 12 | | | | D & |
| 243 | Staging Area | Single Doum | Polypack | Decor | olution | | Drain | Non Hazardous Revisi A |
| 520 | Staging Area | | Polypack | Decor | plution | | Drain | Non Hezandous :: M. D |
| 651 | Staging Area | | Polypack | Decor | plution | | Drain | Non Hazardous 03 Pp |
| 031 | Judinia Vi sa | angle of un | r utypack | Decor | nucio:1 | | Cr airi | Appendix I Revision No.: (Date: 03/20/9) Non Hazardous Page (Non Hazardous Page (|
| | | | | | | | | |
| | | | | | | | | × D 91 91 |
| | | | | | | | | |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazard Clas | s |
|--------|--------------|-------------|------------|----------------------------------|-------------|---------|-------------|---|
| | | | | Decon Solution | | | | |
| 1146 | Staging Area | Single Drum | Polypack | 3 PCB Solid-Cargo Net, Chains | | TSD | DO0 C-144 | |
| | | | | PCB Solid-Cargo Net, Chains | | 130 | PCB Solid | |
| 244 | Staging Area | Single Drum | Polypack | 1 | | 0.000 | | |
| 251 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 267 | Staging Area | Single Drum | | PCB Waste - Solid | | TSD | PCB Solid | |
| 518 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 540 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 556 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 616 | Storing Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 617 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 647 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 657 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | | |
| 658 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 673 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | | PCB Solid | |
| 716 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 717 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 718 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 719 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 721 | Staging Area | Single Drum | Polypack | DCB Wests Colld | | TSD | PCB Solid | |
| 722 | Staging Area | Single Drum | | PCB Waste - Solid | | TSD | PCB Solid | |
| 723 | Staging Area | Single Drum | | PCB Waste - Solid | | TSD | PCB Solid | |
| 727 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 729 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 731 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 732 | Steama Anna | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| | Staging Area | Single Drum | | PCB Waste - Solid | | | PCB Solid | |
| | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | 2.000 | PCB Solid | |
| | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | | PCB Solid | |
| | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | | PCB Solid | |
| | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | | PCB Solid | |
| 983 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | | PCB Salid | |
| 984 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | | | |
| 985 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | | PCB Solid | |
| 986 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | | PCB Solid | |
| 987 | Staging Area | Single Drum | | PCB Waste - Solid | | | PCB Solid | |
| 89 | Staging Area | Single Drum | | PCB Waste - Solid | | | PCB Salid | |
| 90 | Staging Area | Single Drum | Polypack I | PCB Waste - Solid | | | PCB Solid | A Revisi Date: |
| | | Single Drum | | PCB Waste - Solid | | | PCB Solid | ate . |
| | Staging Area | Single Drum | | PCB Waste - Solid | | | PCB Solid | :: S: > |
| | | Single Drum | | PCB Waste - Solid | | TSD I | PCB Solid | S = A |
| | | | o o pour | OD 11 43 (8 - 30) 10 | | TSD I | PCB Salid | PXZ |
| | | | | | | | | Appendix D Revision No.: 0 Date: 03/20/91 Page 7 |
| | | | | | | | | D 0 |
| | | | | | | | | |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Closed | Disposa | Hazard Class | |
|--------|----------------|---------------|-----------|--|-------------|-------------|---------------|--------------------------------------|
| 1147 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 1148 | Staging Area | | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 1149 | Staging Area | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 1151 | Staging Area | Single Drum | Open | PCB Waste - Solid | | TSD | PCB Solid | |
| 1165 | Staging Area | | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 1167 | Staging Area | | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 1168 | Staging Area | | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 1169 | Staging Area | | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 1170 | Staging Area | | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 1171 | Staging Area | | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 1172 | Staging Area | | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 1175 | Staging Area | | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| 1176 | Staging Area | | Polypack | PCB Waste - Solid | | TSD | PCB Solid | |
| | o toging in oc | | | PCB Waste - Solid | | | | |
| | | | | 50 | | | | |
| | Staging Ar | | | 54 | | | | |
| | 54 | | | 54 | | | | |
| 642 | U/C Tram | Single Drum | Bung | Waste Antifreeze | | TSD | Non Hazardous | |
| 904 | U/C Tram | Single Drum | Bung | Waste Antifreeze | | TSD | Non Hazardous | |
| ,,,, | 070 11 0111 | dingle of all | | Waste Antifreeze | | | | |
| | | | | 2 | | | | |
| 587 | U/C Tram | Single Drum | Bung | Empty | 12 | DRM0 | Salvage | |
| 636 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 637 | U/C Tram | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 638 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 639 | U/C Tram | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 878 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 888 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 889 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 890 | U/C Tram | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 891 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 895 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 896 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 897 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 899 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 902 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 905 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 906 | U/C Tram | Single Drum | Bung | Empty | | DRM0 | Salvage | 22.22 |
| 907 | U/C Tram | Single Drum | Bung | Empty | | DRM0 | Salvage | A ₁ Revisi Date: |
| 908 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | ite Wi |
| 909 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | d d |
| 915 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | Append Revision No Date: 03/20 |
| 713 | 0,0 H dill | angle of an | | - TOTAL TOTA | | | (· | No Pa |

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| Drum I | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazard Class | |
|------------|-------------|---------------|-------------|----------------|-------------|-------------|--------------------|-----------------|
| 916 | U/C Tram | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 917 | U/C Tram | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 918 | U/C Tram | Single Drum | Bung | Empty | | DRMO | Salvage | |
| | | | | Empty | | | our ago | |
| | | | | 24 | | | | |
| 641 | U/C Tram | Single Drum | Bung | PCB 011 | | TSD | PCB Liquid | |
| | | | -3000000000 | PCB 011 | | | . ob Eldara | |
| | 200000 | | | 1 | | | | |
| 903 | U/C Tram | Single Drum | Polypack | PCB 0il - Cans | | TSD | PCB Liquid | |
| | | | | PCB 0il - Cans | | 1000000 | | |
| | | | | 1 . | | | | |
| | U/C Tram | | | 28 | | | | |
| | 28 | | | 28 | | | | |
| 591 | Upper Camp | Single Drum | Bung | Creosote | | TSD | Combustible Liquid | |
| | | | | Creosote | | | | |
| | | | | 1 | | | | |
| 375 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 557 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 567 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 586 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 757 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 773 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 785 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 788 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 790 | Upper Camp | Single Drum | Bung | Crushed | | DRM0 | Salvage | |
| 791 | Upper Camp | Single Drum | Bung | Crushed | | DRM0 | Salvage | |
| 793 795 | Upper Camp | | Bung | Crushed | | DRM0 | Salvage | |
| 796 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 798 | Upper Camp | | Bung | Crushed | | DRMO | Salvage | |
| 799 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 801 | Upper Camp | Single Drum | Bung | Crushed | | | Salvage | |
| | Upper Camp | | Bung | Crushed | | | Salvage | |
| | Upper Camp | Single Drum | | Crushed | | | Salvage | |
| | | Single Drum | | Crushed | | | Salvage | |
| | Upper Camp | Single Drum | | Crushed | | | Salvage | |
| | | Single Drum | | Crushed | | | Salvage | 0: |
| | | Single Drum | | Crushed | | | Salvage | Date: |
| | | Single Drum | | Crushed | | | Salvage | 53 |
| | | Single Drum | | Crushed | | | Salvage | 8 |
| | Upper Camp | Single Drum | | Crushed | | | Salvage | 03/20/9 Page |
| | Upper Camp | | | Crushed | | | Salvage | Date: 03/20/9 |
| | obhei cailh | onigle of uni | Open | Crushed | | DRMO | Salvage | 91 |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Closed | Disposa | Hazard Class | |
|-----------|------------|--|-----------|------------------|-------------|---------|--------------------|-------------|
| 872 | Upper Camp | | Open | Crushed | | DRMO | Salvage | |
| 912 | Upper Camp | Control of the Contro | Bung | Crushed · | | DRMO | Salvage | |
| 913 | Upper Camp | | Bung | Crushed | | DRMO | Salvage | |
| 932 | Upper Camp | | Bung | Crushed | | DRMO | Salvage | |
| 933 | Upper Camp | | Bung | Crushed | | DRMO | Salvage | |
| 934 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 937 | Upper Camp | | Bung | Crushed | | DRMO | Salvage | |
| 938 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 940 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 941 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 943 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 944 | | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 946 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 952 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 953 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 954 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 957 | Upper Camp | | Bung | Crushed | | DRMO | Salvage | |
| 959 | Upper Camp | | Bung | Crushed | | DRM0 | Salvage | |
| 960 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | | |
| 961 | Upper Camp | | Bung | Crushed | | DRMO | Salvage Salvage | |
| 962 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | | |
| 963 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage Salvage | |
| 965 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 966 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | | |
| 967 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 968 | Upper Camp | Single Drum | Bung | Crushed | | DRMO | Salvage | |
| 969 | Upper Camp | Single Drum | | Crushed | | DRMO | Salvage | |
| 978 | Upper Camp | Single Drum | | Crushed | | DRMO | Salvage | |
| 979 | Upper Camp | Single Drum | | Crushed | | DRMO | Salvage | |
| 980 | Upper Camp | Single Drum | | Crushed | | DRM0 | Salvage | |
| 1116 | Upper Camp | Single Drum | | Crushed | | DRM0 | Salvage | |
| 1117 | Upper Camp | Single Drum | | Crushed | | DRM0 | Salvage | |
| 1121 | Upper Camp | Single Drum | | Crushed | | DRMO | Salvage | |
| 1122 | Upper Camp | Single Drum | | Crushed | | DRM0 | Salvage | |
| 1123 | Upper Camp | Single Drum | | Crushed | | DRM0 | Salvage | |
| 1127 | Upper Camp | Single Drum | • | Crushed | | DRM0 | Salvage | |
| 1140 | Upper Camp | Single Drum | • | Crushed | | DRM0 | Salvage | |
| 1510 | Upper Camp | Single Drum | | Crushed | | DRMO | Salvage | |
| 1511 | Upper Camp | | • | Crushed | | DRM0 | Salvage | Date: |
| 0.070.000 | LF-1 | | | Crushed | | UKI IU | Salvage | c |
| | | | | 65 | | | | 0 |
| 942 | Upper Camp | Single Drum | | Crushed- 2 Drums | | DRM0 | Salvage | 03/2 Pag |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazard Class | |
|--------|--------------------------|-------------|--------------|------------------|-------------|--------------|--------------|--|
| | | | | Crushed- 2 Drums | | | | |
| 3 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 4 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 5 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 6 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 7 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 8 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 9 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 10 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 11 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 12 | | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 13 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 14 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 15 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 16 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 18 | Upper Camp | | Bung | Empty | | DRM0 | | |
| 19 | | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 20 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 21 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 23 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 24 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 25 | Upper Camp | | Bung | Empty | | | Salvage | |
| 26 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 27 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 28 | Upper Camp | Single Drum | | Empty | | DRM0 | Salvage | |
| 29 | Upper Camp | | Bung Bung | | | DRM0 | Salvage | |
| 30 | Upper Camp | | Bung | Empty Empty | | DRM0 DRM0 | Salvage | |
| 31 | Upper Camp | | | | | | Salvage | |
| 32 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 33 | Upper Camp | Single Drum | Bung Bung | Empty | | DRM0 | Salvage | |
| | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| | Upper Camp | Single Drum | | Empty | | DRM0 | Salvage | |
| | | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 37 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| | | | Bung | Empty | | DRM0 | Salvage | |
| | | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| | Upper Camp Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | == |
| | | Single Drum | Bung | Empty | | DRMO | Salvage | Da Ce |
| | | Single Drum | Bung | Empty | | DRM0 | Salvage | Revisi Date: |
| | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | P2 3/ |
| 44 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | Revision No.: 0 Date: 03/20/91 Page 11 |
| | | | | | | | | |
| | | | | | 120 | | | 11 91 0 |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Closed | Disposa | Hazard Class | |
|--------------|------------|-------------|--|---------------|-------------|---------|--------------------|--|
| 45 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 46 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 47 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 48 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 49 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 50 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 51 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 52 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 53 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 54 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 55 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 56 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 57 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 59 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 60 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 61 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 62 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 63 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 65 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 66 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 67 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 68 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | | |
| 69 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 70 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 71 | | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 72 | | | Bung | Empty | | DRM0 | Salvage Salvage | |
| 73 | | | Bung | Empty | | DRM0 | Salvage | |
| 74 | | | Bung | Empty | | DRM0 | Salvage | |
| 75 | | | Bung | Empty | | DRM0 | Salvage | |
| 76 | | | Bung | Empty | | DRMO | Salvage | |
| 77 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 78 | | | Bung | Empty | | | Salvage | |
| 79 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 80 | Upper Camp | Single Drum | Bung | Empty | | | | |
| 81 | Upper Camp | | | Empty | | DRMO | Salvage Salvage | |
| 82 | Upper Camp | | | Empty | | | | |
| 83 | Upper Camp | | | Empty | | | Salvage | |
| 84 | Upper Camp | | | Empty | | DRMO | Salvage | |
| 85 | Upper Camp | Single Drum | | Empty | | | Salvage | A Revisi Date: |
| 86 | Upper Camp | | Control of the contro | Empty | | DRMO | Salvage | te vis |
| 87 | | Single Drum | | Empty | | DRMO | Salvage | - |
| 88 | | §ingle Drum | | Empty | | | Salvage | n l P |
| 11 Honoretta | | | - Jing | Line, | | DKITU | Salvage | Appendix D Revision No.: 0 Date: 03/20/91 Page 12 |
| | | | | | | | | |
| | | | | | | | | 12 0 0 0 |
| | | | | | | | | |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazand Class | |
|--------|--|---------------|-----------|----------------|-------------|---------|--------------|------|
| 89 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 90 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 91 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 92 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 93 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 94 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 95 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 96 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 97 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 98 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 99 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 100 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 101 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 102 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 103 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 104 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 105 | Upper Camp | Single Drum | Bung | Empty | | DRMO | | |
| 106 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 107 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 108 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 109 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 110 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 111 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 112 | The second secon | | Bung | Empty | | | Salvage | |
| 113 | | | Bung | Empty | | DRMO | Salvage | |
| 114 | | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 115 | | Single Drum | | Empty | | DRMO | Salvage | |
| 116 | | | | Empty | | DRMO | Salvage | |
| 117 | | Single Drum | | Empty | | DRMO | Salvage | |
| 118 | | Single Drum | | Empty | | DRM0 | Salvage | |
| 119 | | Single Drum | | Empty | | DRM0 | Salvage | |
| 120 | Upper Camp | | | Empty | | DRMO | Salvage | |
| 121 | Upper Camp | Single Drum | | Empty | | DRMO | Salvage | |
| 122 | | Single Drum | | Empty | | DRM0 | Salvage | |
| 123 | Upper Camp | | | Empty | | DRM0 | Salvage | |
| 124 | Upper Camp | Single Drum | | Empty | | DRM0 | Salvage | |
| 125 | | Single Drum | | Empty | | | Salvage | |
| 126 | Upper Camp | | | | | | Salvage | |
| 127 | | Single Drum | | Empty Empty | | | Salvage | ţ |
| 128 | | Single Drum | | | | | Salvage | Ç a |
| 129 | | Single Drum | | Empty | | | Salvage | |
| 130 | | Single Drum | | Empty Empty | | | Salvage | F 6 |
| | oppor odnip | omgro Di Gili | bung | Lilipty | | DRM0 | Salvage | Page |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazard Class |
|--------|------------|-------------|-----------|---------------|-------------|---------|--------------|
| 131 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 132 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 133 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 134 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 135 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 136 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 137 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 138 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 139 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 140 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 141 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 142 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 143 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 144 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 145 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 146 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 147 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 148 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 149 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 150 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 211 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 246 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 247 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 277 | Upper Camp | Single Drum | Bung | Empty | 74 | DRM0 | Salvage |
| 278 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 279 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 280 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 281 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 282 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 283 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 284 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 285 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 286 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 287 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 288 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 289 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 290 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 291 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 292 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 293 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 294 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 295 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Closed | Disposa | Hazard Class |
|--------|------------|-------------|-----------|---------------|-------------|---------|--------------|
| 296 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 297 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 298 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 299 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 300 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 301 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 302 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 303 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 304 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 305 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 306 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 307 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 308 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 309 | Upper Camp | Single Drum | В | Empty | 100 | DRMO | Salvage |
| 310 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 311 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 312 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 313 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 314 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 315 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 316 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 317 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 318 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 319 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 320 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 321 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 322 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 323 | Upper Camp | Single Drum | В | Empty | | DRMO | Salvage |
| 324 | | | В | Empty | | DRMO | Salvage |
| 325 | | Single Drum | В | Empty | | DRMO | Salvage |
| 326 | | | В | Empty | | DRMO | Salvage |
| 327 | | | В | Empty | | DRMO | Salvage |
| 328 | | | В | Empty | | DRMO | Salvage |
| 329 | | | | Empty | | DRMO | Salvage |
| 330 | | | | Empty | | DRM0 | Salvage |
| 331 | | | | Empty | | | Salvage |
| 332 | | | В | Empty | | | Salvage |
| 333 | | | | Empty | | | Salvage |
| 334 | | Single Drum | | Empty | | DRMO | Salvage |
| 335 | | | | Empty | | | Salvage |
| 336 | | Single Drum | | Empty | | | Salvage |
| 337 | Upper Camp | Single Drum | В | Empty | | DRM0 | Salvage |

| Drum | I Location | Item | Drum Type | Drum Contents | Open/Closed | Disnos | Hazard Class | |
|------|------------|---------------|-----------|---------------|-------------|---------------|---------------|---|
| 338 | Upper Cam | p Single Drum | Bung | Emah | 0,0000 | Dispuse | nazar u Class | |
| 339 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 340 | | | Bung | Empty | | DRMO | Salvage | |
| 341 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 342 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 343 | Upper Camp | | | Empty | | DRM0 | Salvage | |
| 344 | Upper Camp | | Bung | Empty | • | DRMO | Salvage | |
| 345 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 346 | Unner Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 348 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 349 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 350 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 351 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 352 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 353 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 354 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 355 | Upper Camp | | | Empty | | DRMO | Salvage | |
| 356 | Upper Camp | | | Empty | | DRMO | Salvage | |
| 357 | Upper Camp | | | Empty | | DRMO | Salvage | |
| 358 | Upper Camp | | | Empty | | DRMO | Salvage | |
| 359 | Upper Camp | | | Empty | | DRMO | Salvage | |
| 360 | Upper Camp | | | Empty | | DRMO | Salvage | |
| 361 | Upper Camp | | | Empty | | DRMO | Salvage | |
| 362 | Upper Camp | | | Empty | | DRMO | Salvage | |
| 363 | Upper Camp | Single Drum | | Empty | | DRMO | Salvage | |
| 364 | Upper Camp | Single Drum | | Empty | | DRMO | Salvage | |
| 365 | Upper Camp | Single Drum | | Empty | | DRMO | Salvage | |
| 366 | Upper Camp | Single Drum | | Empty | | DRMO | Salvage | |
| 367 | Upper Camp | Single Drum | | mpty | | DRMO | Salvage | |
| 368 | Upper Camp | Single Drum | | mpty | | DRMO | Salvage | |
| 369 | Upper Camp | Single Drum | | mpty | | DRMO | Salvage | |
| 370 | Upper Camp | Single Drum | | mpty | | ORMO | Salvage | |
| 371 | Upper Camp | Single Drum | | mpty | | DRMO | Salvage | |
| 372 | Upper Camp | Single Drum | | mpty | | 0MRC | Salvage | |
| 373 | Upper Camp | Single Drum | | mpty | | DRM0 | Salvage | |
| 374 | Upper Camp | Single Drum | | mpty | | RM0 | Salvage | |
| 376 | Upper Camp | Single Drum | | mpty | | 200000 | Salvage | |
| 377 | | Single Drum | | mpty | | | Salvage | |
| 378 | | Single Drum | | mpty | | | Salvage | DR |
| 379 | | Single Drum | | mpty | | | Salvage | A Revisi Date: |
| | | Single Drum | | mpty | | | Salvage | :: ₹: > |
| 381 | | Single Drum | | mpty | | | Salvage | _ 00 Pp |
| | -ppor comp | ungie Di uni | Bung E | mpty | | | Salvage | Appendix Revision No.: Date: 03/20/ Page |
| | | | | | | vesturanti il | | ppendix on No.: 03/20/ Page |

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| Drum i | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazard Class | |
|--------|------------|-------------|--|---------------|-------------|--------------|--------------|--|
| 382 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | | |
| 383 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 385 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 386 | Upper Camp | Single Drum | Bung | Empty | | | Salvage | |
| 387 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 388 | Upper Camp | Single Drum | Bung | Empty | | DRMO DRMO | Salvage | |
| 389 | Upper Camp | | Bung | Empty | | | Salvage | |
| 390 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 391 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 392 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 393 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 394 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 395 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 396 | Upper Camp | | Bung | | | DRMO | Salvage | |
| 397 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 398 | Upper Camp | | | Empty | | DRMO | Salvage | |
| 399 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 400 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 401 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 402 | Upper Camp | | | Empty | | DRMO | Salvage | |
| 403 | Upper Camp | | | Empty | | DRMO | Salvage | |
| 405 | Upper Camp | Single Drum | | Empty | | DRMO | Salvage | |
| 406 | | Single Drum | | Empty | | DRMO | Salvage | |
| 407 | Upper Camp | Single Drum | | Empty | | DRMO | Salvage | |
| 408 | Upper Camp | | | Empty | | DRMO | Salvage | |
| | Upper Camp | Single Drum | | Empt | | DRMO | Salvage | |
| 409 | Upper Camp | Single Drum | | Empt | | DRMO | Salvage | |
| 410 | Upper Camp | Single Drum | | Empt | | DRMO | Salvage | |
| 411 | Upper Camp | | | Empt | | DRMO | Salvage | |
| 412 | Upper Camp | | | Empt | | | Salvage | |
| 413 | Upper Camp | | | Empt | | | Salvage | |
| 414 | Upper Camp | | | Empt | | | Salvage | |
| 415 | Upper Camp | Single Drum | | Empt | | | Salvage | |
| 416 | Upper Camp | | | Empt | | DRMO | Salvage | |
| 417 | Upper Camp | Single Drum | | Empt | | | Salvage | |
| | Upper Camp | | | Empt | | | Salvage | |
| | Upper Camp | | | Empt | | | Salvage | |
| | Upper Camp | | | mpt | | | Salvage | |
| | Upper Camp | Single Drum | Bung E | mpt | | | Salvage | |
| | Upper Camp | Single Drum | | mpt | | | Salvage | מס |
| | | Single Drum | Bung E | mpt | | | Salvage | A Revisi Date: |
| | | Single Drum | | mpt | | | Salvage | |
| 425 | Upper Camp | Single Drum | Bung E | mpt | | | Salvage | _ 0 PP |
| | | | The second secon | CONTRACT. | | | ou. Yaya | Appendix D Revision No.: 0 Date: 03/20/91 Page 17 |
| | | | | | | | | ge % |
| | | | | | | | | 17 91 17 |
| | | | | | | | | 7-00 |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Closed | Disposa | Hazard Class | |
|--------|------------|---------------|-----------|---------------|-------------|---------|--------------|--|
| 426 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 427 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 428 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 429 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 430 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 431 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 432 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 433 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 434 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 435 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 436 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 437 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 437 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 438 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 439 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 440 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 441 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 442 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 443 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 444 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 445 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 446 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 447 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 448 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 449 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 450 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 451 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 452 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 453 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 454 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 455 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 456 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 457 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 458 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 459 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 460 | Upper Camp | Single Drum | | Empty | | DRM0 | Salvage | |
| 461 | Upper Camp | Single Drum | | Empty | | DRMO | Salvage | |
| 462 | Upper Camp | Single Drum | | Empty | | DRM0 | Salvage | |
| 463 | Upper Camp | Single Drum | | Empty | | DRM0 | Salvage | |
| 464 | Upper Camp | Single Drum | | Empty | | DRM0 | Salvage | |
| 465 | Upper Camp | Single Drum | | Empty | | DRM0 | Salvage | |
| 466 | Upper Camp | Single Drum | | Empty | | DRM0 | Salvage | |
| | | g. o o i unii | oding | Cilip () | | DRITO | Jairage | |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazard Class |
|--------|------------|-------------|-----------|---------------|-------------|---------|--------------|
| 467 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 468 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 469 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 470 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 471 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 472 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 473 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 474 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| . 475 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 476 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 477 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 478 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 479 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 480 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 481 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 482 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 483 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 484 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 485 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 486 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 487 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 488 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 489 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 490 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 491 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 492 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 493 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 494 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 495 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 496 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 497 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 498 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 499 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 500 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 501 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 502 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 503 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 505 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 506 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 508 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 509 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 510 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazard Class | |
|--------|------------|--------------|-----------|----------------|-------------|---------|--------------|--|
| 511 | Upper Camp | | Bung | Empty | | DRMO | | |
| 512 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 513 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 514 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 521 | Upper Camp | | Open | Empty | | DRM0 | Salvage | |
| 522 | Upper Camp | | Bung | Empty | | | Salvage | |
| 523 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 525 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 526 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 527 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 528 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 529 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 530 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 531 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 532 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 533 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 534 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 536 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 537 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 538 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 539 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 546 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 553 | Upper Camp | | Bung | Empty | | DRMO | Salvage | |
| 554 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 555 | Upper Camp | | Bung | | | DRM0 | Salvage | |
| 562 | Upper Camp | | Bung | Empty Empty | | DRM0 | Salvage | |
| 568 | Upper Camp | | Bung | | | DRMO | Salvage | |
| 571 | Upper Camp | | Bung | Empty Empty | | DRM0 | Salvage | |
| 572 | Upper Camp | | Bung | | | DRM0 | Salvage | |
| 573 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 574 | Upper Camp | Single Drum | Bung | Empty Empty | | DRM0 | Salvage | |
| 575 | Upper Camp | Single Drum | | | | DRM0 | Salvage | |
| 576 | Upper Camp | Single Drum | | Empty Empty | | | Salvage | |
| 577 | Upper Camp | Single Drum | • | Empty | | | Salvage | |
| 579 | Upper Camp | Single Drum | _ | Empty | | | Salvage | |
| 588 | Upper Camp | Single Drum | | Empty | | | Salvage | |
| 589 | Upper Camp | Single Drum | | Empty | | | Salvage | |
| 590 | Upper Camp | Single Drum | | Empty | | | Salvage | |
| 595 | Upper Camp | Single Drum | | | | | Salvage | |
| 596 | Upper Camp | Single Drum | | Empty Empty | | | Salvage | |
| 597 | Upper Camp | Single Drum | | | | | Salvage | |
| 598 | | Single Drum | | Empty | | | Salvage | |
| 65500 | Pr. Julip | angro or uni | bung | Empty | | DRM0 | Salvage | |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazard Class |
|--------|------------|-------------|-----------|---------------|-------------|---------|--------------|
| 599 | Upper Camp | | Bung | Empty | | DRMO | Salvage |
| 600 | | Single Drum | Bung | Empty | | DRMO | Salvage |
| 601 | | Single Drum | Bung | Empty | | DRMO | Salvage |
| 602 | Upper Camp | | Bung | Empty | | DRM0 | Salvage |
| 603 | Upper Camp | | Bung | Empty | | DRMO | Salvage |
| 608 | | Single Drum | Bung | Empty | | DRMO | Salvage |
| 609 | Upper Camp | | Bung | Empty | | DRM0 | Salvage |
| 610 | Upper Camp | | Bung | Empty | | DRM0 | Salvage |
| 611 | | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 612 | Upper Camp | | Bung | Empty | | DRM0 | Salvage |
| 613 | Upper Camp | | Bung | Empty | | DRM0 | Salvage |
| 614 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 615 | Upper Camp | Overpak | Bung | Empty | | DRM0 | Salvage |
| 621 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 633 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 634 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 635 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 648 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 649 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 650 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 652 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 653 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 655 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 660 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 661 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 662 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 663 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 665 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 666 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 667 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 668 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 669 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 670 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 671 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 726 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 841 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 842 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 843 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 844 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 848 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 849 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 850 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Closed | Disposa | Hazard Class |
|--------|------------|-------------|-----------|---------------|-------------|-------------|--------------|
| 852 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 853 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 854 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 855 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 856 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 857 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 858 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 859 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 860 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 861 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 862 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 863 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 864 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 866 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 867 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 868 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 869 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 870 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 873 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 874 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 875 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 876 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 877 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 879 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 880 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 881 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 882 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 883 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 884 | Upper Camp | Single Drum | Polypack | Empty | | DRMO | Salvage |
| 885 | Upper Camp | Single Drum | Polypack | Empty | | DRM0 | Salvage |
| 886 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 887 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 892 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 893 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 894 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 898 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 900 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 901 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 910 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 914 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 922 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 923 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazard Class |
|--------|------------|-------------|-----------|---------------|-------------|---------|--------------|
| 925 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 988 | Upper Camp | Single Drum | Open | Empty | | DRM0 | Salvage |
| 991 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 992 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1002 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 1003 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1004 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 1005 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1006 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1009 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1010 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1011 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1012 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1013 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 1014 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1016 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1017 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1019 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1021 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1022 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1024 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage |
| 1026 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1027 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1028 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1029 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1032 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1033 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1035 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1037 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1039 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1040 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1041 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1042 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1043 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1044 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1045 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1046 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1113 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1114 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1131 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1132 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1133 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazard Class | |
|--------|-------------|-----------------|-----------|--------------------------------------|-------------|---------|------------------|--|
| 1134 | Upper Camp | | Bung | Empty | | DRM0 | Salvage | |
| 1135 | Upper Camp | Single Drum | Bung | Empty | | DRMO | Salvage | |
| 1137 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 1138 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 1141 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 1166 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 1173 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 1500 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 1501 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 1508 | | Single Drum | Bung | Empty | | DRM0 | Salvage | |
| 1509 | Upper Camp | Single Drum | Bung | Empty | | DRM0 | | |
| | | | | Empty | | DKI IU | Salvage | |
| | | | | 555 | | | | |
| 1001 | Upper Camp | Single Drum | Bung | Fuel - Gasoline | | TCD | Clammablaticati | |
| | | | Dung | Fuel - Gasoline | | TSD | Flammable Liquid | |
| | | | | 1 | | | | |
| 17 | Upper Camp | Single Drum | Bung | Fuel - Waste 0il | | TCD | Not Descripted | |
| 22 | Upper Camp | | Bung | Fuel - Waste Oil | | TSD | Not Regulated | |
| 58 | Upper Camp | | Bung | Fuel - Waste Oil | | TSD | Not Regulated | |
| 64 | Upper Camp | Single Drum | Bung | Fuel - Waste Oil | | TSD | Not Regulated | |
| 384 | Upper Camp | | Bung | Fuel - Waste Oil | | TSD | Not Regulated | |
| 578 | Upper Camp | | Bung | Fuel - Waste Oil | | TSD | Not Regulated | |
| 664 | Upper Camp | | Bung | | | TSD | Not Regulated | |
| 847 | Upper Camp | | Bung | Fuel - Waste Oil Fuel - Waste Oil | | TSD | Not Regulated | |
| 851 | Upper Camp | | Bung | Fuel - Waste Oil | | TSD | Not Regulated | |
| 924 | Upper Camp | | • | | | TSD | Not Regulated | |
| 121 | opper camp | Villyle Di uili | Bung | Fuel - Waste Oil | | TSD | Not Regulated | |
| | | | | Fuel - Waste Oil 10 | | | | |
| 593 | Upper Camp | Single Drum | Bung | PCB Flush | | TOD | 000 11 11 | |
| 594 | Upper Camp | | Bung | PCB Flush | | TSD | PCB Liquid | |
| 0,1 | oppor odnip | diligio Di ulli | bung | PCB Flush | | TSD | PCB Liquid | |
| | | | | 2 | | | | |
| 404 | Upper Camp | Single Drum | Bung | PCB 0il | | TOO | 00011 | |
| | | | | PCB 011 | | | PCB Liquid | |
| 592 | | Single Drum | | | | | PCB Liquid | |
| | | Single Drum | | PCB 0(1 · PCB 0(1 | | | PCB Liquid | |
| 000 | oppor comp | Viligio Di Gili | | PCB 011 | | TSD | PCB Liquid | |
| | | | | 4 | | | | |
| 547 | Upper Camp | Single Drum | Bung | PCB 011 - Cans | | TOO | 000 11 11 | A Revisi Date: |
| • | oppor oump | angle of an | | PCB 011 - Cans | | TSD | PCB Liquid | [c: ₹: Þ |
| | | | | 1 | | | | 0 10 |
| 564 | Upper Camp | Single Drum | Polys c | PCB Waste - Solid | | TCD | DOD C-1/4 | P. 3 |
| | - ppor oump | Tinglo Di Gili | . 0.11 | 1 00 1143t8 - 30114 | | TSD | PCB Salid | Appendix Revision No.: Date: 03/20/9 |
| | | | | | | | | × |

b: D 0/91 c 24

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Closed | Disposa | Hazand Class |
|--------|------------------|-------------|-----------|---|-------------|---------|---|
| 1150 | Upper Camp | Single Drum | Open | PCB Waste - Solid PCB Waste - Solid | | TSD | PCB Solid |
| 565 | Upper Camp | Single Drum | Polypack | PCB Waste - Solid/Capacitor PCB Waste - Solid/Capacitor | | TSD | PCB Solid |
| | Upper Cam 643 | | * | 643 643 | | | |
| 1103 | White Alice | Single Drum | Bung | Waste Antifreeze Waste Antifreeze 1 | 3 | TSD | Non Hazardous |
| 201 | White Alice | Single Drum | Bung | Battery Acid Battery Acid | | TSD | Corrosive |
| 159 | White Alice | Single Drum | Open | Creosote | | TSD | Combustible Liquid |
| 238 | White Alice | Single Drum | Bung | Creosote Creosote 2 | | TSD | Combustible Liquid |
| 151 | White Alice | Single Drum | Bung | Empty | | DRMO | Salvage |
| 152 | White Alice | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 153 | White Alice | Single Drum | Bung | Empty | | DRMO | Salvage |
| 154 | White Alice | Single Drum | Bung | Empty | | DRMO | Salvage |
| 245 | White Alice | Single Drum | Bung | Empty | | DRMO | Salvage |
| 272 | White Alice | Single Drum | Bung | Empty | | DRMO | Salvage |
| 273 | White Alice | Single Drum | Bung | Empty | | DRMO | Salvage |
| 558 | White Alice | Single Drum | Bung | Empty | | DRMO | Salvage |
| 627 | White Alice | Single Drum | Bung | Empty | | DRMO | Salvage |
| 632 | White Alice | Single Drum | Polypack | Empty | | DRMO | Salvage |
| 659 | White Alice | Single Drum | Bung | Empty | | DRMO | Salvage |
| 708 | White Alice | Single Drum | Bung | Empty | | DRMO | Salvage |
| 735 | White Alice | Single Drum | Bung | Empty | | DRM0 | Salvage |
| 1124 | White Alice | Single Drum | Bung | Empty | | DRMO | Salvage |
| 1143 | White Alice | Single Drum | Bung | Empty Empty 15 | | DRM0 | Salvage |
| 168 | White Alica | Single Drum | Bung | Fuel - Aviation | Factory | DRMO | Flammable Liquid |
| 178 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRM0 | Flammable Liquid |
| 190 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRMO | Flammable Liquid |
| 195 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRMO | Flammable Liquid Date: A |
| 215 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRMO | Flammable Liquid 6 5 |
| 217 | White Alice | Single Drum | Bung | Fuel - Aviation | | TSD | Flammanial idual |
| 218 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRM0 | Appendix D Revision No.: 0 Date: 03/20/91 Page 25 |

| Drum I | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazard Class |
|--------|-------------|--------------|-----------|------------------|-------------|-------------|--------------------|
| 219 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRMO | Flammable Liquid |
| 220 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRMO | Flammable Liquid |
| 226 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRM0 | Flammable Liquid |
| 228 | White Alice | Single Drum | Bung | Fuel - Aviation | | TSD | Flammable Liquid |
| 231 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRMO | Flammable Liquid |
| 232 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRM0 | Flammable Liquid |
| 233 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRMO | Flammable Liquid |
| 234 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRMO | Flammable Liquid |
| 236 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRM0 | Flammable Liquid |
| 237 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRMO | Flammable Liquid |
| 242 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRMO | Flammable Liquid |
| 264 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRM0 | Flammable Liquid |
| 265 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRM0 | Flammable Liquid |
| 266 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRM0 | Flammable Liquid |
| 688 | White Alice | Single Drum | Bung | Fuel - Aviation | | TSD | Flammable Liquid |
| 695 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRM0 | Flammable Liquid |
| 702 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRM0 | Flammable Liquid |
| 712 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRMO | Flammable Liquid |
| 714 | White Alice | Single Drum | Bung | Fuel - Aviation | Factory | DRMO | Flammable Liquid |
| | | | | Fuel - Aviation | | | |
| | | | | 26 | | | |
| 164 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRMO | Combustible Liquid |
| 165 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRMO | Combustible Liquid |
| 166 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRMO | Combustible Liquid |
| 167 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 169 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 174 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 175 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 176 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 177 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRMO | Combustible Liquid |
| 179 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRMO | Combustible Liquid |
| 180 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRMO | Combustible Liquid |
| 183 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 185 | White Alice | \$ingle Drum | Bung | Fuel - Stove 011 | Factory | DRMO | Combustible Liquid |
| 186 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRMO | Combustible Liquid |
| 187 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRMO | Combustible Liquid |
| 188 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRMO | Combustible Liquid |
| 189 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 191 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 192 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRMO | Combustible Liquid |
| 193 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRMO | Combustible Liquid |
| 194 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |

| Drun | n I | Location | Item | Drum Type | Drum Contents | Open/Closed | Disposa | Hazard Class |
|------|-----|-------------|-------------|-----------|------------------|-------------|---------|--------------------|
| 19 | 7 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 19 | 8 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 20 | | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 20 | 2 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 20 | 3 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 20 | 4 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 20 | 5 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 20 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 20 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 20 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 20 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 21 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 21 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 21 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 21 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 21 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 22 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 22 | 2 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 22 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 22 | 9 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 24 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 25 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 25 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 27 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 27 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 67 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 67 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 67 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 68 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 68 | | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 68 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 68 | | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 68 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 689 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 690 | | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| 69 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 692 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 69 | | White Alice | Single Drum | Bung | Fuel - Stove Otl | Factory | DRM0 | Combustible Liquid |
| 69 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 696 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 69 | | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| 699 | 9 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |

| _ | Drum I | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazard Class |
|---|------------|---|----------------------------|-----------|------------------------|-------------|---------|--------------------|
| | 700 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRMO | Combustible Liquid |
| | 701 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| | 703 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRMO | Combustible Liquid |
| | 704 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRMO | Combustible Liquid |
| | 705 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| | 706 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| | 709 710 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRMO | Combustible Liquid |
| | 711 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| | 713 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| | 715 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRMO | Combustible Liquid |
| | 1708 | White Alice | Single Drum | Bung | Fuel - Stove Oil | Factory | DRM0 | Combustible Liquid |
| | 1700 | White Alice | Single Drum | Bung | Fuel - Stove 011 | Factory | DRM0 | Combustible Liquid |
| | | | | | Fuel - Stove Oil | | | |
| | 163 | White Alice | Cinala Daves | D | 75 | | 200000 | |
| | 170 | White Alice | Single Drum | Bung | Fuel - Waste Oil | | TSD | Not Regulated |
| | 172 | White Alice | Single Drum | Bung | Fuel - Waste 011 | | TSD | Not Regulated |
| | 173 | | Single Drum | Bung | Fuel - Waste 011 | | TSD | Not Regulated |
| | 181 | White Alice | Single Drum | Bung | Fuel - Waste 011 | | TSD | Not Regulated |
| | 182 | White Alice White Alice | Single Drum | Bung | Fuel - Waste Oil | | TSD | Not Regulated |
| | 184 | White Alice | Single Drum | Bung | Fuel - Waste Oil | | TSD | Not Regulated |
| | 199 | White Alice | Single Drum | Bung | Fuel - Waste Oil | | TSD | Not Regulated |
| | 224 | White Alice | Single Drum | Bung | Fuel - Waste Oil | | TSD | Not Regulated |
| | 225 | White Alice | Single Drum | Bung | Fuel - Waste Oil | | TSD | Not Regulated |
| | 230 | White Alice | Single Drum | Bung | Fuel - Waste Oil | | TSD | Not Regulated |
| | 239 | White Alice | Single Drum Single Drum | | Fuel - Waste Oil | | TSD | Not Regulated |
| | 680 | White Alice | Single Drum | | Fuel - Waste 011 | | TSD | Not Regulated |
| | 681 | White Alice | Single Drum | | Fuel - Waste 011 | | TSD | Not Regulated |
| | 687 | White Alice | Single Drum | | Fuel - Waste 011 | | TSD | Not Regulated |
| | 698 | White Alice | | | Fuel - Waste 011 | | TSD | Not Regulated |
| | 707 | White Alice | | | Fuel - Waste 011 | Factory | DRMO | Combustible Liquid |
| | 736 | White Alice | | | Fuel - Waste 011 | | TSD | Not Regulated |
| | 1136 | White Alice | | | Fuel - Waste 011 | | TSD | Not Regulated |
| | 1156 | White Alice | | | Fuel - Waste Oil | | TSD | Not Regulated |
| | 1100 | TITITE MILE | anigis of uni | | Fuel - Waste Oil | | TSD | Not Regulated |
| | | | | | Fuel - Waste Oil 20 | | | |
| | 734 | White Alice | Single Drum | | Liquid- Diazinon | | T00 | . |
| | | *************************************** | anigra or an | | Liquid- Diazinon | | TSD | Paison |
| | | | | | 1 | | | |
| | 606 | White Alice | Single Drum | | PCB Flush | | TSD | 000 1 100 11 |
| | 1101 | | | | PCB Flush | | | PCB Liquid |
| | | | | • | PCB Flush | | | PCB Liquid |
| | | | | o uning | 00 1 10311 | | TSD | PCB Liquid |

| Drum 1 | Location | Item | Drum Type | Drum Contents | Open/Clased | Disposa | Hazand Class |
|--------|-------------|-------------|-----------|-------------------|-------------|---------|--------------|
| 1105 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PC8 Liquid |
| 1106 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| 1107 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| 8011 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| 1109 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| 1110 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| 1111 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| .1112 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| 1115 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| 1118 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| 1119 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| 1120 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| 1125 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| 1126 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| 1145 | White Alice | Single Drum | Bung | PCB Flush | | TSD | PCB Liquid |
| | | | | PCB Flush | | | |
| | | | | 18 | | | |
| 268 | White Alice | Single Drum | Bung | PCB Oil | | TSD | PCB Liquid |
| 569 | White Alice | Single Drum | Bung | PCB 0il | | TSD | PCB Liquid |
| 570 | White Alice | Single Drum | Bung | PCB Oil | | TSD | PCB Liquid |
| 629 | White Alice | Single Drum | Bung | PCB 011 | | TSD | PCB Liquid |
| 645 | White Alice | Single Drum | Bung | PCB 011 | | TSD | PCB Liquid |
| 725 | White Alice | Single Drum | Bung | PCB Oil | | TSD | PCB Liquid |
| 973 | White Alice | Single Drum | Bung | PCB 011 | | TSD | PCB Liquid |
| 974 | White Alice | Single Drum | Bung | PCB 011 | | TSD | PCB Liquid |
| 975 | White Alice | Single Drum | Bung | PCB 011 | | TSD | PCB Liquid |
| 976 | White Alice | Single Drum | Bung | PCB 011 | | TSD | PCB Liquid |
| 0011 | White Alice | Single Drum | Bung | PCB 011 | | TSD | PCB Liquid |
| 1102 | White Alice | Single Drum | Bung | PCB 011 | | TSD | PCB Liquid |
| 1144 | White Alice | Single Drum | Bung | PCB 011 | | TSD | PCB Liquid |
| | | | | PCB 011 13 | | | |
| 559 | White Alice | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid |
| 607 | White Alice | Single Drum | Bung | PCB Waste - Solid | | TSD | PCB Solid |
| 625 | White Alice | Single Drum | Open | PCB Waste - Solid | | TSD | PCB Solid |
| 626 | White Alice | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid |
| 672 | White Alice | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid |
| 674 | White Alice | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid |
| 720 | White Alice | Single Drum | | PCB Waste - Solid | | TSD | PCB Solid |
| 737 | White Alice | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid |
| 738 | White Alice | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid |
| 739 | White Alice | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid |

| Drum I | Location | item | Drum Type | Drum Contents | Open/Closed | Disposa | Hazard Class |
|--------|-------------|----------------|-----------|----------------------------------|-------------|---------|-------------------------|
| 945 | White Alice | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid |
| 1139 | White Alice | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid |
| 1601 | White Alice | Single Drum | Polypack | PCB Waste - Solid | | TSD | PCB Solid |
| | | | | PCB Waste - Solid | | 198 | |
| 630 | White Alice | Single Drum | Dohrmont | 13 | | | |
| 631 | White Alice | | Polypack | PCB Waste - Solid/10 Capacitor | | TSD | PCB Solid |
| 031 | WILLE VILCE | Single Drum . | Polypack | PCB Waste - Solid/10 Capacitor | | TSD | PCB Solid |
| | | | | PCB Waste - Solid/10 Capacitor 2 | | | |
| 921 | White Alice | Single Drum | Polypack | PCB Waste - Solid/2 Capacitor | | TSD | PCB Solid |
| | | | | PCB Waste - Solid/2 Capacitor | | | |
| 235 | White Alice | Single Drum | Bung | Roofing Compound-Paint | | TSD | Combustible Liquid |
| 241 | White Alice | Single Drum | Bung | Roofing Compound-Paint | | TSD | Combustible Liquid |
| | | | 5 | Roofing Compound-Paint | | | compactible Eldare |
| | | | | 2 | | | |
| 160 | White Alice | 15 Gallon Cans | Open | Waste Grease | | DRM0 | Not Regulated |
| 161 | White Alice | 4 Gallon Cans | Open | Waste Grease | | DRM0 | Not Regulated |
| 162 | White Alice | 4 Gallon Cans | Open | Waste Grease | | DRMO | Not Regulated |
| | | | | Waste Grease | | | |
| 1000 | | | | 3 | | | |
| 171 | White Alice | Single Drum | Bung | Waste 011 | | TSD | Not Regulated |
| | | | | Waste 011 | | | 15-10 5 5 7 10 February |
| 200 | | 22 2 2 | | 1 | | | |
| 643 | White Alice | Single Drum | Bung | Waste Paint | | TSD | Flammable Liquid |
| | | | | Waste Paint | | | |
| | White Alic | | | 195 | | | |
| | 195 | | | 195 | | | |
| | 1059 | | | 1092 | | | |

APPENDIX E

UNIFORM HAZARDOUS WASTE MANIFEST



DEPARTMENT OF THE NAVY

ENGINEERING FIELD ACTIVITY. NORTHWEST
NAVAL PACILITIES ENGINEERING COMMAND
3303 NW ANDERSON HILL ROAD
SILVERDALE, WA 96363-9130

5090-Gen 09ERI/4530 28 Sep 90

Alaska West Express 660 Ocean Dock Road Anchorage, Alaska 99510

MANIFEST CHANGE

Please note that Manifest 00001 (Generator AK6170000164) was revised in order for each of your trucks to have a manifest outlining specific contents. The previous manifest is now divided up into Manifests 00001-00010 to meet this requirement.

Please sign this acknowledgement of this change and send one copy to each of the following:

Engineering Field Activity, Northwest 3505 NW Anderson Hill Road Silverdale, WA 98383 URS Consultants, Inc. 3380 "C" Street, Suite 200 Anchorage, AK 99503

You will also need to keep one copy attached to your manifest. Also, a copy of the original manifest is enclosed for your records. If you have any questions, please call me at (206) 476-5775.

Sincerely.

KEVIN W. STIGILE

Head, Installation Restoration Branch

By direction of

the Commanding Officer

Kevia Stig

Transportation Manager

Encl:-

(1) A Copy of the Original Manifest



DEPARTMENT OF THE NAVY

ENGINEERING FIELD ACTIVITY, NORTHWEST NAVAL FACILITIES ENGINEERING COMMAND 3305 NW ANDERSON HILL ROAD SILVERDALE, WA 96363-9130

> 5090-Manifest 09ERI/4535 28 Sep 90

Alaska West Express 660 Ocean Dock Road Anchorage, Alaska 99510

Dear Strs:

Elmendorf Air Force Base and Defense Marketing Reutilization and Marketing Office located at Elmendorf Air Force Base, have agreed to receive for temporary storage hazardous and PCB waste under Manifests 00001-00010. Specifically, the Environmental Protection Agency has given written approval to Elmendorf Air Force Base for temporary storage of PCB solids and liquids.

Should you have any questions, please call me at (206) 476-5775.

Sincerely,

KEVIN STIGILE

Head, Installation Restoration Branch

By direction of

the Commanding Officer

| Charles and the control of the contr | | | | 工作的基础的 | 20,000 | C 643050 |
|--|---|--|--------------------|--|--|--|
| UNIFORM HAZARDOUS AKO 1700 | | 000 | 2. Page of | 2 Informati | | e shaded areas :: |
| PRESE ANDERSON HILL ROAD N | WITTY NO | ٦ | | e Manifest Docum | ent Nur | noar . |
| 1 Januarator: Thone 2010 476-5775 | ATIN Dong TA | ieu N | | Generalor : D | | : |
| 5. Transporter 1 Computer time 6. | D 0.7.0.9.7.3. | 300 | | ransporter's Phone | | 1347411 |
| ALASKA MARINE LINES WA. | US EPA ID Number | 200 | | a ransporter : IC | (29) | ₩ (F17 |
| , salisbona 2 salisbona 1 | | | = Tran | sporter ; Phone | | |
| Designated Facility Name and Site Address | US EPA ID Number | | G. Stat | re Facility's ID | | i, |
| DRM0 BLDG 22-009 | | | u 5aai | lity's Phone | | 1 |
| ELMENDORFG AFB, AX 9956AK | 8570028 | | 90 | 17-55 | 2~ | 4950 |
| 11. US DCT Description including Proper Shipping Name, Hazard Class, and HM | ID Number) | No. | Type | 13. Total Quantity | Unit Wt/Vol | Waste No. |
| COMBUSTABLE LIQUID, KEROSONE, I | DESEN NA 1993 | 30 | DF | 1500 | G | $(D\infty)$ |
| FLAMMABLE LIGHID, (LEAD, 1 | DIACKO SOIST | .3 | DF | , 100 | 6 | (DOOS) |
| CORROSIVE MATERIAL (DA) SULLED WITH ASIA | ACA) NA2794 | .1. | OF | 200 | P | (DCOS) |
| RQ WASTE DIAZINON ORM-A NA2783 | | I | P | 20 | G | |
| | 735 | 39,578 ,,5%, | K. Han | dling Codes for V | Vastes Li | sted Above |
| 15. Special Handling Instructions and Additional Information 707-5 24 hours Compact phone # 907-5 URS Co | 63-3559 ms~LTBV-5 | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consmorked, and labeled, and are in all respects in proper condition for transport by hill I am a large quantity generator, I certify that I have a program in place to reduce the and that I have selected the practicable method of treatment, storage, or disposal curr OR, if I am a small quantity generator, I have made a good faith effort to minimize n afford. | ighway according to applicable evolume and toxicity of waste cently available to me which min | e internation generated to imizes the pr | the degreesent and | ational governments sel have determined I future threat to hum | il regulati I to be eco Ian health | ons. onomically practicable and the anvironment: |
| * DThelin | Signatura Deluk | Μ | | | | U.810.819. |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | |
| DAVID W. HAULEN | Da of | 1 | 10 | \checkmark | | O. VI 3 11 30 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name | Signature | | | 0 | | Month Day Yer |
| 110.0 | | | | | | |
| 19. Discrepancy Indication Space | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materia | als covered by this manifest | t except as | noted in | item 19. | | |
| | | | | | | |
| Printed/Typed Name | Signature | | | | | Month Day Year |

| of a management represent the property of the | | | CANAL TOUR | d state of | the state of the state of the state of |
|---|----------|---------|--------------------------|----------------|--|
| WASTE MANIFEST | ment No. | 22. 20 | required | | rshaded areas is not ral law. |
| 13. Januarian Shaati 12. OF 100 164 10.0 13. Januarian Shaati 12. Januarian Shaati 12. NAVY ENGINEERING FIELD ACTY 3505 ANDERSON HILL R.L. NW | | | e Manifest Docume | nt Numi | per |
| SIWERDALE, WA | | M. Sta | te Generator's iD | | à |
| 124 Transporter Company Name 25. US EPA ID Number ALASKA NUARINE LINES WARC 7.0.9.7.3 | 300 | N. Sta | te Transporter's iD | 2017 | 1.74744 |
| 25. Transporter Company Name 27 US EPA ID Number | | P. Stat | a Transporter's ID | 7 | |
| | | | nsporter's Phone | | |
| 28. US DOT Description Including Proper shipping Name, Hazard Class, and D Numbers | No No | Type | 30. Total Quantity | Unit Wt/Vol | R. Waste No. |
| WASTE GASOLINE, (LEADED) | 2 | 2 | 70 | G | (B008) |
| FLAMMABLE LIQUID, UNIZO3 . WASTE COMBUSTABLE LIQUID, N.O.S. | | | .0 | | (2000) |
| COMBUSTABLE LIGUID, (CREOSUTE) NAIG93 | 3 | D F | 130 | G | |
| V ORM-E (ASBESTOS) NA9188 (SUD) | 50 | DF | 3540 | P | |
| NOT REGULATED BY DOT | 5 | DH | 235 | G | |
| NOT REGULATED BY DOT | 3 | DIF | 140 | P | N |
| RG WASTE FUEL AVIATION, TURBINE (XEWSYNE, GASOUNE) | 3 | DF | 150 | G | DOON |
| * RE HAZARDOUS SUBSTANCE, SOLID NO.S. ORM-E (PCBS) 500PPM) NA9188 | 42 | 710 | 25000 | P | 4 |
| DRM-E (PLB) 500PPM) NA9188 | 50 | DF | 2500 | G | |
| NOT REGULATED BY DOT | 6 | 200 | 220 | G | |
| S. Additional Descriptions for Materials Listed Above 8 = 160,161,162 C = 261, 1001 D = 159, 238,591 G = 5EE ATTACHER C = SEE ATTACHER A = 561,642, 904,905,1103 L=39,171,899,1 | | | dling Codes for W | astes Lis | ted Above |
| 24 Itour Control PHONE # 907-563-3559 URS CONSULTANT. | | 21.0 | - | | |
| 33. Transporter Acknowledgement of Receipt of Materials | | | | | Date |
| Printed/Typed Name DAULO W. HAWGEN Signature | (| 10 | | | Month Day Year 0. \$13.1 9.0 |
| 34. Transporter Acknowledgement of Receipt of Materials | W | 1 | 7 | | Date |
| Printed/Typed Name Signature | | | | | Month Day Year |
| 35. Discrepancy Indication Space | | | | | |

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| HAILEOPM HAZABBOUS | 1. 6 | | | | |
|--|--|--------------------------|---|---|---|
| UNIFORM HAZARDOUS WASTE MANIFEST | 1. Generator's US EPA ID No. AK6170000164 | Manifest Document No. | 2. Page 1 | information in t | he shaded areas is Federal law |
| Generator's Name and Mailing Addiess U.S. Navy Engresung Fig. | eld Activity NW | | A. State Mani | test Document Nu | mber |
| 3505 Anderson Hill Rac Silvendale, WA 99393 | 1000 | | 8. State Gene | rator LID | |
| 15. Transporter I Company tume | 775 Attn. Owg | Thelia | | W/A | |
| Alaska Marine Lines | | Number 13 300 | C. State Frans | | NIA |
| 7 Transporter 2 Company Name | 8. US EPA ID | Number | E. State Transp | s Phone (200) | 763-4244 |
| Alaska West Express | AKD09903 | 2692 | | | NIA 279-4515 |
| 19 Designated Facility Name and Site Address ORMO | IO. US EPA ID | Number | G. State Facilit | y's ID | 217-4313 |
| Bidg. # 22-009 | | | | NIA | |
| Elmendorf AFB, Ak 99. | 506 AK95700: | 28649 | H. Facility's Pho | | |
| 11. US DOT Description Uncluding Proper Shipping | Name, Hazard Class, and ID Number) | 12. Cont | | 52-49 | 1 |
| Hall . | | No. | | ntity Wt/Vol | Vaste No. |
| / Combustible Liquid (Kerosenc, Diese | L. NA 1993 | 21 | 04/15 | | 2 |
| | 1) | 21 | DM 10. | 50 G | D-001 |
| G p. | | | | | |
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| [d. | | | | | |
| TI | | | | | |
| | | | | | |
| Additional Descriptions for Materials Listed Abov | • | | K. Handling Coo | des for Wastes Lis | ted Above |
| | | | | | 14 |
| | | | | | |
| 15. Special Handling Instructions and Additional Inf | formation | | | | |
| ı' | | | | | |
| | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby declare marked, and labeled, and are in all respects in proper | that the contents of this consignment are fully and | occurately described a | beve by proper ship | pping name and s | clouded and |
| , If I am a large quantity generator I cerbly that I have a | | , , | and inclination gove | trumental regulation | *L 997 |
| and that I have selected the practicable method of treatm OR, if I am a small quantity generator, I have made a go afford. | ent, storage, or disposal currently available to me | which minimizes the pres | e degree I have det ent and future three | termined to be econe at to human health ar | amically practicable and the environment; |
| Printed/Typed Name | ,, | na select the best waste | management meth | od that is available | ro me and that I can |
| KEVIN W. STIGILE | Signature | 1.9 1 | 1 .7 1 | Ma | 21-71-7 |
| 177. Transporter 1 Acknowledgement of Receipt of Mi | aterials | W. X | ugila | 0. | 7 27 90 |
| Printed/Typed Name | Signature | | | Ma | nth Day Year |
| 18. Transporter 2 Acknowledgement of Receipt of Mo | aterials | | | | |
| Printed/Typed Name | Signature | | | | |
| 19. Discrepancy Indication Space | | The above a | क्टाक्ट उद्धारतीयां ह | More perty bead | ا شع |
| 1 | | SHOULDING, J. | Carried, Maria | a sha sabeled, a | |
| i. | | Harga-Und'town (| 40 CVR Parts 1 | KA 260 DO | T |
| 20. Facility Courses | the selection and the selection of the s | Referencies (| CFR Parts 1 | 30-175). | |
| 20. Facility Owner or Operator: Certification of receip | of hazardous materials covered by this m | anifest of the | in The 19 | 10 4/14 | 190 |
| Printed/Typed Name | Signature | | | | |
| | Syndrore | | | Mon I | th Day Year |

| | | | | | | | 717 5.46 |
|---|------------------------------------|---------------------------|--|--|-------------------------------|-----------------------------|-------------------------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | 1. Generator's US EPA AK6170000 | (200) (200) | Manifest Document No. 000 Z | 2. Page 1 of | Informa | tion in the | e shaded areas is ederal law. |
| Generator's Name and Mailing Address US Nawy Engineening For 3505 Andreson Hill Rose 1. Slue dale WA 99383 1. Ceherator's Phone 206 476-5 | | Hm. Doug | Thelio | | N/A | ment Num | ber |
| S. Transporter 1 Company Huma. Alaska Makine Line | ٥. | US EPA 10 NU 40070.973 | | | ansporter's II | (| NIA |
| 7. Transporter 2 Company Name Alaska West Expue | 8. | US EPA ID NU (0099037 | mber | E. State Tre | onsporter's IC | | 763-4244 NIA 279-9515 |
| 9. Designated Facility Name and Site Address DRIMO BILLS # 22-009 | 10. | US EPA ID Nu | | G. State Fo | NI | Ä | |
| Elmenclost AFB, Ak of 11. US DOT Description (Including Proper Shipping | | K 85.700.2 | 8649 12. Cont | (907 | <u>) 55</u> | 2-4 | 1950 |
| o. Waste, Fuel O.1 | | | No. | Туре | Total Quantity | Unit Wt/Vol | Waste No. |
| / Combustible Liquid (Kerosene Diesel) |) | 993 | .9. | Om . | 450 | G | 1000 C |
| b. Waste, Gasoline (L Flammable Liquid | | W-1203 | .2. | Dm . | 100 | G | D008 |
| v Flammable Liquid (Thinner Mineral Spiral d. WASTE, Fuel Aviato | 41 | A 1767 | .3. | om ! | 50 | G | D001 D-005 |
| of WASTE, Fuel Aviate Flammable Liquid | on, Turbine UN-18 | Engine 63 | 3 | DM | 150 | G | 0-001 |
| 15. Special Handling Instructions and Additional In | formation | | | | | | |
| 16. GENERATOR'S CERTIFICATION: Thereby declar marked, and labeled, and are in all respects in prope If I am a large quantity generator, I certify that I have a and that I have selected the practicable method of treat OR, if I am a small quantity generator, I have made a galford. | program in place to reduce the | e volume and taxicity of | plicable internations waste generated to t | he degree I ha | governmental re determined | l regulation to be econe | omically practicable |
| Printed/Typed Name KEVIN W. STIGILE | | Signature | W. S. | tien | Qo. | Ma 10. | |
| 17. Transporter 1 Acknowledgement of Receipt of A Printed/Typed Name | Aaterials | Signature | | | | Мо | |
| 18. Transporter 2 Acknowledgement of Receipt of N | Naterials | | | | | | |
| Printed/Typed Name 9. Discrepancy Indication Space | | Signature | The ab | re asmed a | entertal is p | sperty M | nth Day Year |
| , see a space | | | proper Regulai | ed, parkage for transpo tion (40 CF) tion (40 CF) | rtation areu 2 Parts 260- | nting to 1 155) and | RP4 |
| 20. Facility Owner or Operator: Certification of rece | apt of hazardous material | s covered by this ma | nifest excelerad | offiction | dizo | aled 9 | holeo |
| Printed/Typed Name | | Signature | | | | , Mo | nih Day Your |

| I | UNIFORM HAZARDOUS | 21. Generator's US | S EPA ID No | Manifest | 120.0 | - ALLEY SEE | | 10000000000000000000000000000000000000 |
|---------|--|-------------------------|-----------------------------------|--------------|------------|------------------------------|----------------|--|
| 4 | WASTE MANIFEST | | | Deciment No. | 22. Page | require | ation in the | e shaded areas is n eral law |
| 2 | (Continuation Sheet) 3. Generator's Name | | 000164 | 0002 | 20 | | | |
| 1 | 3505 Anderson Hill | Field A | tetivity NW | | L. State | Manifest Docu | | ber |
| | Silverdale, WA 983 | Road Nh | , , | | M. State | Generator's II | | |
| 2. | Transporter Company Name | 2 | 5. US EPA ID Number | | | NI | | |
| 120 | Alaska Manine Line | | WAD07097 | 3300. | | Transporter's I | - | NIA) 183-424 |
| | Alaska West Expre | | 7. US EPAID Number AKDO 990.3. | 7101 | P. State 1 | ransporter's II | | IA |
| | . US DOT Description Including Proper Shaping Name, I | | | 29. Cont | Q. Transp | 30. | (407) | 279-951 |
| | Waste Campust hi | Total Class, and ID Num | 1 100 | 15.5 | Туре | Total Quantity | Unit Wt/Val | R. Waste No. |
| | Waste, Combustible Liquid | Creoso | TE NA 199 | 3 3 | DM | 150 | G | (0-051) |
| ь. | | | | | | | | |
| C. | | | | | | | | |
| d. | | | | | | | | |
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| g. | 261 | | | | | | | |
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| | | | | | | | | |
| S. Ad | ditional Descriptions for Materials Listed Above | | | - 1 | . Handling | Codes for Wo | ostes Lister | d Above |
| | | | 18 ° 8 | | | | | |
| 32. Sp | pecial Handling Instructions and Additional Infor | mation | | Gesca (2 | ed pecks | material is ; | and inhei | ed and le |
| | | | | Regula | mon (40 U | FR Parts 260 FR Parts 100 | 267 mm | EPA LOT |
| 33. Tre | Onsporter | 32 | | Signed | M.a | uliga | WW 9 | Izsao |
| Pri | ansporter Acknowledgement of Receipt nted/Typed Name | | Signature | | | | | Date |
| 34. Tee | insporter Acknowledgement of Receipt | | | | | | Mo | nth Day Year |
| Pri | insporter Acknowledgement of Receipt of nted/Typed Name | | | | | | | Date |
| | repancy Indication Space | | Signature | | | | Mo | nth Day Year |
| | maication Space | | | | | | | 1.1. |

| 1 | UNIFORM HAZARDOUS WASTE MANIFEST | AKG17.000 | | Document O O (2 | No. | ige 1 In | formation in to ot required by | he shaded areas is Federal law. |
|----------|--|--|--|---|---|------------------------|-----------------------------------|------------------------------------|
| | Cenerator's Home and Mailing Address US Nawy Engineering F 3505 Anclerson Hill Rich | A MULLI | y NW | | | | N/A | mber |
| | Silverdale, WA 93393 4. Generator, Phone 1206 476-5 | 775 A4n | . Doug Tl | while | B. Ste | ate Generate | NIA | |
| | 5. Transporter Company Name | 6. 141 | US EPA 10 N | umber | | ate Transpor | | NIA |
| | Alaska Marine Livie 7. Transporter 2 Company Name | 8. | US EPA ID N | | _ | ansporter's P | ter's ID | 763-4244 NIA |
| | Aloska West Expres | | 004903 | | | | hone (907) | |
| | Designated Facility Name and Site Address DRIMO | 10. | US EPA ID N | umber | G. Sh | ate Facility's | ID at I A | |
| | Blog. # 22-009 | | | | | cility's Phone | NIA | |
| | Elinenclouf AFB. Ak qu | | ×85.7002 | | | T | 52-4 | 950 |
| | 11. US DOT Description (Including Proper Shipping | | | | Containers to. Type | 13. Total Quanti | | l. Waste No. |
| | V DRM-E LACE 7 500 Contaminated Cith | ng, Soil, Glove | 38 25 Plasten C | haw 2 | 8 PM | 301 | | |
| , Z m C. | V ORM-E (PCB > 5 | œ Liquid, | NO5 | | 2. PM | 100 |). P | |
| -08 | POHazardous Substitute (PCB > 50 Large Capacito | 15 | | 4 | P.M | :380 |). P | |
| | RA Waste, Battery Filled with Acid Corrosive Material | Gead Sulfrera | | 794 | . pm | 140 | o. P | (0-002) |
| 4.1. | J. Additional Descriptions for Materials Listed Abo b. 20 ea - Igal cans | inside 2e | a 85 gal | o verpac | | ndling Code: | s for Wastes Li | sted Above |
| | 15. Special Handling Instructions and Additional In | | | | | | | |
| | 16. GENERATOR'S CERTIFICATION: I hereby declar marked, and labeled, and are in all respects in prope If I am a large quantity generator, I certify that I have a and that I have selected the practicable method of treat OR, if I am a small quantity generator, I have made a afford. | r condition for transport by h program in place to reduce th ment, storage, or disposal curr | ighway according to a e volume and toxicity o reathy available to me w | pplicable interr I waste general hich minimizes | national and no ted to the degree the present and | ational govern | rmined to be eco | ons. |
| 1 | Printed/Typed Name | _ | Signature - | . \ | 1 | .0. | .^ | Month Day Year |
| t | 7. Transporter 1 Acknowledgement of Receipt of A | Materials | heir | (W- | Alle | re | | 29/27/90 |
| L | Printed/Typed Name | | Signature | | | | ı^ | tonth Day Year |
| יון | 8. Transporter 2 Acknowledgement of Receipt of A Printed/Typed Name | Naterials | I a | T | ho above nee | ned materia | d is property | Martinat |
| L | - | | Signature | de | eribed, pec | koged, mar | ted and labe | and and |
| 1 | 9. Discrepancy Indication Space | | • | Ra | egabation (4 | CTR Per | 248-245) as | DOT |
| | | | | 54 | gold M. | inle | | Uzalgo |
| 2 | O. Facility Owner or Operator: Certification of rece | ipt of hozardous materia | Is covered by this m | anifest excep | as noted in | Hem 19. | | |
| | Printed/Typed Name | | Signature | | | | | torih Day Year |

| 1 | UNIFORM HAZARDOUS | 21. Generator's US EPA ID No. | Manifest Document No. | 22. Page | | e shaded areas is not |
|--------------|---|-------------------------------|--------------------------|---|---|-----------------------|
| A | WASTE MANIETET | AK6170000164 | | 2/2 | required by Fed | eral law |
| 1 | 100 0 | | | | fest Document Num | |
| Ė | US Wavy Engineering 3505 Anderson Hil | Field Activity No | J | L. State Mani | NIA | oer . |
| | 3505 Anderson Hil | Road NW / | | M. State Gen | | |
| | Silverdule WA 983 24 Transporter Company Name | 393 | | | NIA | |
| 1 | 24. TransporterCompany Name | 25. US EPA ID Number | 77700 | N. State Tran | 7 4 | NIM |
| | Alaska Marine Line 26. Transporter Company Name | 25 WAD.0709 | 15300 | O. Transporte | | 763-4244 NIA |
| | Aluska West Expres | | 32682. | | r's Phone (907 | |
| | 28. US DOT Description Including Proper Shipping Name, N | | 29. Cant | ainers | 30. 31. Total Unit | R. |
| | HMI | | No | | uantity Wt/Vo | Waste No. |
| | RQ - WASTE DIAZO | 1A 2783 | i | DM 3 | 00 P | |
| | Not Regulated by | e, DOT | 2 | DM 3 | 50 G | |
| | Not Regulated by | POT | 4 | DM 8 | 10 G | |
| G | d. | | | | | |
| D 111 20 111 | | | | | | |
| A | e. | | | | | |
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| | Additional Descriptions for Materials Listed Above Special Modeling Language | * * | | | odes for Wastes Li | |
| | 32. Special Handling Instructions and Additional Info | ormation | descri prope Regul | bod, peckaged r for transport ution (40 CFR | aterial is properly, marked and inbitation seconding (Paris 262-265) a. Paris 100-178). | ried, and is |
| (| 33. Transporter Acknowledgement of Receip | ot of Materials | Signed | M.Car | CY DNN_ | 1/25/66 |
| 1 | Printed/Typed Name | Signature | | | U | Month Day Year |
| 1 | 34. Transporter Acknowledgement of Receip Printed/Typed Name | | | | | Date |
| 1 | 35. Discrepancy Indication Space | Signature | | | | Month Day Year |
| | Spoce | | | | | |

| | 。 | | | | | | |
|----|--|--------------------------|---------------------------------|--|---|--|----------------------------------|
| | UNIFORM HAZARDOUS WASTE MANIFEST 1. Generator's US EPA I AK 617.0000 | 164 | Monifest Document N 000.4 | 40. | ge 1 Info | rmation in th required by f | e shaded areas is ederal law. |
| | Generator's Name and Mailing Address. US Now Figure earing Field Activity 3505 Anderson Hill Road NW Silverdale, WA 98383 4. Generator's Phone (2011) | ty Ww | | A. Sto | te Manifest D | ocument Nur | nber |
| - | 3505 Anderson Hill Road NW | 7 | | | _ | WIA | |
| 1 | Silverdale, WA 99383 4. Generator's Phone (206) 476-5775 Att | | 7-1 | B. Sta | te Generator | 11/0 | |
| 1 | 4. Generator's Phone (206) 476-5775 AHV 5. Transporter 1 Company Name 6. | 1. Doug 7 | merr | C Ste | ite Transporte | IVEA. | Alla |
| 1 | | 10.0.7097 | 0.10(7)(7)7) | | insporter's Pho | | NIA 763-4247 |
| 1 | | | | | te Transporte | (200) | U/A |
| | | 009903 | 2682 | F. Tra | nsporter's Pho | no (207) | 279-9515 |
| | Designated Facility Name and Site Addless | US EPA ID Nu | mber | G. Ste | ate Facility's IC |) , , | |
| | DRMO | | | | | N/A | |
| | Bldg. # 22-009 Elmendorf AFB. AK 99506 AK | 9=7007 | 81.49 | | cility's Phone | 52-49 | 50 |
| 1 | | | | Containers | 13. | 14. | 30 |
| 1 | US DOT Description (Including Proper Shipping Name, Hazard Class, and HMI | ID Number) | No | 1 - | Total Quantity | Unit | L Waste No. |
| П | of Reservations Substance Solid, No ORM-E CPC3 7500 PPM) NA 9193 Contaminated Clothing, soil, gloves, Type | 05 | | | | | |
| 1 | ORM-E CPC3, 7500 PMM) NA 9199 | 1 ~ 1 | . 4: | 2 DM | 8400 | P | |
| | Contaminated Clothing, soil, gloves, Ty | ick. Haster, | ubad . | | | • | |
| G | b. | | | | | | |
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| ď | d. | | | | | | |
| IJ | | | ١. | | | | |
| 1 | J. Additional Descriptions for Materials Listed Above | | | K. Ha | ndlina Codes | for Wastes Lis | sted Above |
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| IJ | | | | | | | |
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| ľ | 15. Special Handling Instructions and Additional Information | | | | | | |
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| 1 | | | | | | | |
| ľ | 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this cons | · | | ibadahasa b | | | u danifed anded |
| 1 | marked, and labeled, and are in all respects in proper condition for transport by his | ghway according to a | plicable intern | ational and n | ational government | ng name and a nental regulation | ons. |
| .\ | If I am a large quantity generator, I certify that I have a program in place to reduce the and that I have selected the practicable method of treatment, storage, or disposal curr | e volume and toxicity of | waste generate | ed to the degr | ee I have determ | nined to be eco | nomically practicable |
| | OR, if I am a small quantity generator, I have made a good faith effort to minimize m afford. | ry waste generation an | d select the best | waste manag | ement method | that is available | e to me and that I can |
| 1 | Printed/Typed Name | Signature | | 1 | | | onth Day Year |
| 1 | KEVIN W. STIGILE | Theve | (W. | Ste | rile | 14 | 19/27/70 |
| [| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | V | | 2 - |
| 1 | | | | | | | lonth Day Year |
| 11 | Printed/Typed Name | Signature | | | | .~ | 1 1 |
| | * ************************************ | Signature | | | | | . . . |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | The Albyro | umes mater | | . . . |
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| | UNIFORM HAZARDOUS WASTE MANIFEST 1. Generator's US EPA AKGL 7.000 | | Manifest Document No. 0005 | 2. Page 1 of [| Informa not requ | tion in the pired by Fe | sheded as decal law. | reas is |
|-----------|--|---------------------------|----------------------------------|--------------------|---------------------|----------------------------|-------------------------|---------|
| I | 3. Generalor's Name and Mailing Address | 1347 | | A. State A | Aanifest Docu | ment Numb |) ev | |
| | 3. Generalor & Name and Moding Addiess US Nawy Eugin Carring Field Activity 3505 Anderson Hill Road NW | , | | | N/ | 4 | | |
| T | S:10,200ase, wa 49333 | ^ - | 15 | B. State C | ienerator's ID | 1. | | 1 |
| 1 | S. Transporter Company Name 6. | Voug The | fin | C State 7 | ransporter's II | <u> </u> | 414.0 | |
| | | 10070973 | 300 | | orter's Phone | , | NIA | 200 |
| | 7. Transporter 2 Company Name 8. | US EPA ID Nun | | - | ransporter's IC | | 763.4 | 297 |
| | Alaska West Express 1Ab | 10099037 | | F. Transpo | orter's Phone | | 279-9 | 151.5 |
| | Designated Facility, Name and Site Address | US EPA ID Nun | nber | G. State F | acility's ID | 1 | | |
| | DRMO # 22-009 | | | | ٨ | NA | | |
| | Diag. " | co = 7007 | Pius | H. Facility | | - 41 | | |
| | Elmendorf AFB, Alaska 99506 At | | | (907 | | 2-4 | 950 | |
| | 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and | (ID Number) | 12. Cont | | 13. Total | Unit | l. Waste l | No. |
| | o. References Substance Liquid | AIAC | No. | Туре | Quantity | Wt/Vol | **0314 | ٠٠. |
| | o. RHazurdous Substance Liquid, ORM-E (PCB > 500 ppm) NA 919 (Transformer Oil and Flushate | 8 | 21 | DM i | 2600 | P | | |
| | (Transformer Oil and Flushate | .) | 12. | - : | | 1' 1 | | |
| G | b. i | | | | | | | |
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| | d. | | | | | | | |
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| | J. Additional Descriptions for Materials Listed Above | | | K. Handlin | g Codes for \ | Wastes Liste | ed Above | |
| 11 | a. Sea Flush | | | 11.19 | | | | |
| H | 21ea Oil | | | | | | | |
| П | | | | | | | | |
| Ш | 15. Special Handling Instructions and Additional Information | | | | | | | |
| 11 | | | | | | | | |
| 11 | | | | | | | | |
| 1 | 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this cons | ignment are fully and a | ccurately described | above by pro | per shipping no | ame and are | domiñed, p | acked, |
| \prod | marked, and lobeled, and are in all respects in proper condition for transport by h | ighway according to app | plicable internation | ol and nation | ol governmento | al regulation | s. | |
| H | If I am a large quantity generator, I certify that I have a program in place to reduce the and that I have selected the practicable method of treatment, storage, or disposal current. | ently available to me whi | ich minimizes the pre | sent and futu | re threat to hum | an health an | d Meenviro | nment; |
| 11 | OR, if I am a small quantity generator, I have made a good faith effort to minimize mafford. | ny waste generation and | select the best wast | e manageme | nt method that i | s available t | o meand the | tlcon |
| V | Printed/Typed Name | Signature | | 12. | 1 | Mor | nth Doy | Yeor |
| 1 | KEVIN STIGILE | Kevin | wit | tige | la | Ø. | 927 | 90 |
| R | 17. Transporter 1 Acknowledgement of Receipt of Materials | - | | 1 | | | | |
| N. | Printed/Typed Name | Signature | | U | | Mor | oth Day | Year |
| \$ | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | <u> </u> | 1. | |
| 1 | Printed/Typed Name | Signature | Tae | above nime | ed material i | S pproduction | Manager . | Year |
| | | • | drac | ribed, peck | oged, marke | d and lube | ried and h | |
| | 19. Discrepancy Indication Space | | prop | THE REAL PROPERTY. | CFR Parts 2 | CCardiag I | 0 YZA | |
| É | | | Regu | lation (45 | CFR Parts 1 | 04-178). | a bur | |
| 1 | | | | | | | 2/-2/- | . 1 |
| 1 | 20. Facility Owner or Operator: Certification of receipt of hazardous materia | s covered by this ma | nifest except as | oted in the | uly | Deted | 11249 | 0 |
| ; L | Section Committee of receipt of naturators materia | is covered by this ma | en except os r | Gred in Iren | | | | |
| | Printed/Typed Name | Signature | | | | Mor | nth Doy | Year |
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| | UNIFORM HAZARDOUS | 1. Generator's US EPA | | Manifest Document No. | 2. Pag | e l Informa | ation in the | phade electrical | ed are | eas is |
|--------|--|--|--|---|--------------------|--|---------------------------|------------------|--------------|--------|
| _ | 3. Generator's Name and Mailing Address | AK617.000 | 01.6.9. | 0006 | A Sto | te Manifest Doc | | | | - |
| | 115 Nauv Engineering F. | pl Activity N | lW | | 7. 310 | N | IA | | | |
| | 5. Westale WA 98393 Cenerator Phone 206 476-5 | | Doug The | Lin | B. Stat | • Generator's II | A | | | |
| | 5. Transparter I Company Name | 6. | US EPA ID NO | mber | C. Sto | te Transporter's | ID | NI | Ą | |
| | Alaska Marine Line | | 400.7097 | | - | nsporter's Phone | 4001 | | | 44 |
| | 7. Transporter 2 Company Name Alaska West Expres | sc 1.AK | 009903Z | | | e Transporter's esperter's Phone | | NIA | 7-4 | 515 |
| | 9. Designated Facility Name and Site Address | 10. | US EPA ID No | | - | te Facility's ID | (90/) | | 1 - 1 | 30 |
| | DRMO # 77-009 | | | | | | NIA | | | |
| | Bidg. # 22-009 Elmendort AFB, Alaska | 2 99506 AI | K85700Z | 3649 | H. Foo | ilin's Phone 7) 552 | -473 | 60 | | |
| | 11. US DOT Description (Including Proper Shippin | g Name, Hazard Class, and | IID Number) | 12. Con | Type | 13. Total | 14. Unit | w | I. aste N | 0. |
| | ORM-E (PCB > 500 (Transformer Oil | ance Liquid PPM) NA 9 and Flusha | id, NOS 183 Itz) | 21 | DM | iZ600 | P | | | · |
| 10 | ь. | | | | | | | | | |
| Z m C. | | | | | | | | | | |
| 1 | c. | | | | | | | | | |
| OR | | | | | | | | | | |
| 1 | d. | | | | | | | | | |
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| | J. Additional Descriptions for Materials Listed Abo | ove | | , | K. Han | dling Codes for | Wastes Lis | ted Ab | ove | |
| i | a. 15 ea Flush 6 ea Oil | * | | | | | | | | - 1 |
| 1 | 6 ea Oil | | * | | | | | | | |
| | 15. Special Handling Instructions and Additional I | nformation | | | | | | | | - |
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| | GENERATOR'S CERTIFICATION: I hereby declar marked, and labeled and are in all respects in prop | re that the contents of this cons er condition for transport by h | ignment are fully and ighway according to a | accurately described pplicable internation | dabave by | proper shipping rational governmen | name and ar | e dassif | ied, po | cked, |
| | If I am a large quantity generator, I certify that I have a and that I have selected the practicable method of trea | program in place to reduce th | e volume and toxicity o | f waste generated to | the degre | e I have determine | ed to be econ | omical | y proch | cable |
| il | OR, if I am a small quantity generator, I have made a offord. | good faith effort to minimize n | ny weste generation ar | nd select the best wa | ste manag | ement method tha | t is available | to me o | and that | lcon |
| 4 | Printed/Typed Name | | Signature | | ۱, | ·-·V | м | onth | Doy | Year |
| H | KEVIN W. STIG | ILE | here | 1W. | Ste | gile | 0 | .91 | 27 | 90 |
| RA | Transporter 1 Acknowledgement of Receipt of Printed/Typed Name | Materials | Signature | | | U | ,, | onth | D | Ver |
| 11 | | | gridiore | | | | ı‴ | . | . | Year |
| 4 | 18. Transporter 2 Acknowledgement of Receipt of | Materials | | | . # | | | | | |
| 5 | Printed/Typed Name | | Signature | T de | ercda se hedrze | numed mater! peckaged, mar | al is prope rkol and l | with lide | AND . | dy oor |
| I | 19. Discrepancy Indication Space | | L | | ज्यून क्य | The state of the s | S SCHOOL | A 19 F | 24 | - |
| F | | | | | - T | s (49 CFR Part s (49 CFR Part | | | DOT | |
| 1 | | | | SI | good / | 4 Cule | - Date | 191 | ch | ,, |
| 1 | 20. Facility Owner or Operator: Certification of rec | ceipt of hazardous materia | als covered by this m | nanifest except as | noted in | Item 19. | 7 | | | |
| 1 | Printed/Typed Name | | Signature | 7 | | | . M | onth 1 | Day | Your |
| - | | | | | | | | | . | |

| ! | UNIFORM HAZARDOUS WASTE MANIFEST | 1. Generator's US EPA ID No. AK. 617.0000164 | Manifest Document No. | 2. Page 1 | Information in t | he shaded areas is Foderat law. |
|-------|---|---|--|--|--|--|
| - | 2.6 | | 10007 | of j | ofest Document No | |
| T | 1. Generator's Name and Mailing Address 11.5 Navy Empireering File 3505 Howevson Hill Road 4. Generator Phone | eld Activity NW | | B. State Gen | N/A | |
| | 206 476-5 | 113 HAM. Doug th | elia | | NIA | |
| | 5. Transporter 1 Company Name Alaska Marine Lines | 6. US EPA ID I | Number | C. State Fran | | NIA |
| li | 7. Transporter 2 Company Name | 8. US EPA ID I | | E. State Trans | r's Phone (206) | |
| | Alaska West Expres | S AKD 09903 | 3.2682 | F. Transporte | | NIA 279-9515 |
| | 9. Designated Facility Name and Site Address **D.R.W.O*** | 10. US EPA ID I | Number | G. State Facil | | , |
| | Bidg # 22-009 | | | H. Facility's Pl | IV I H | |
| 1 | Elmendort AFB, Alask | a 99506 AK857002 | 18649 | | 55Z-4 | 150 |
| | 11. US DOT Description (Including Proper Shipping | | No. | 1- 1 | 13. 14. Unit | I. Waste No. |
| | ORM-E (PCB) 50 | ence Solid, NOS 10 PPM) NA 9198 1 Switches Diacneda Fl | | | antity Wt/Vo | |
| ! | ! (Transformers and | Switches Dipineds Fl | ushal 6. | BA 70 | 200 P | |
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| 1 | J. Additional Descriptions for Materials Listed Above | • | | K. Handling C | odes for Wastes Li | sted Above |
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| : 1 | 15. Special Handling Instructions and Additional Inf | formation | | | | |
| 1 | 15. Special Handling Instructions and Additional Inf | formation | | | ¥ | |
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| | GENERATOR'S CERTIFICATION; I hereby declare marked, and labeled, and are in all respects in proper | that the contents of this consignment are fully and condition for transport by highway according to | appiicable internations | if arid nettonal ac | warnmantoi recuiatio | nos 9 |
| | GENERATOR'S CERTIFICATION: I hereby declare marked, and labeled, and are in all respects in proper If I am a large quantity generator, I certify that I have a p and that I have selected the practicable method of treatments. | that the contents of this consignment are fully and condition for transport by highway according to a program in place to reduce the value and toxicity and the conditions of | of waste generated to t | he degree! have a | determined to be scor | ons. nomically practicable |
| | 16. GENERATOR'S CERTIFICATION; I hereby declare marked, and labeled, and are in all respects in proper If I am a large quantity generator, I certify that I have a p and that I have selected the practicable method of treatm OR, if I am a small quantity generator, I have made a gaafford. | that the contents of this consignment are fully and condition for transport by highway according to a program in place to reduce the value and toxicity and the conditions of | of waste generated to t | he degree! have a | determined to be scor | ons. nomically practicable |
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| | UNIFORM HAZARDOUS WASTE MANIFEST | 1. Generator i US EPA ID No. AK 6170000164. | Document No. | 2. Page 1 | Information in the | e sheded areas is federal law. |
| | Generapo's Name and Mailing Address 115 Nowy Engineering Fulle 2505 Harring Hill Road | 1 Atuit NW | | A. State Mar | nifest Document Nur | nber |
| - | Jos I The series here | (NW | | B. State Gen | NIA | |
| | Silvertale, WA 93383 Generators Phone (206) 476-5 | 275 Attn: Doug Th | elin | b. Sidre Cen | NIA | |
| | 5. Transporter 1 Company Home | 6. US ÉPA ID N | lumber | C. State Tran | sporter's 10 | NLA |
| | Alaska Marine Lines | | | D. Transporte | the contract of | |
| | 7. Transporter 2 Company Name Alaska West Express | 8. US EPAID N 1 AKD 099032 | | E. State Tran | | NIA 279-9515 |
| | 9. Designated Facility Name and Site Address | 10. US EPA ID N | | G. State Faci | | 211-1313 |
| | DRMC | | | | NIA | |
| | Bldg # 22-009 Elmendorf AFB Ak 9 | 9506 IAK.857002 | 28649 | H. Facility's P | | 50 |
| | 11. US DOT Description (Including Proper Shipping | | 12. Cont | (907) | 552-49 | |
| 1 | HMI | | No. | 1 - | Total Unit | l. Waste No. |
| | o. ROHazardous Substa DRM-E (PCB 7 5 (Transformers Dra | uce solid, NOS | | | | |
| | DRM-E (PCB > 5 | CO PEM) NA 9188 | 15 | BA 6 | 400 P | |
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| | J. Additional Descriptions for Materials Listed Abo | we | | K. Handling | Codes for Wastes Li | sted Above |
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| | | 7,4 * | | | | |
| 1 | Special Handling Instructions and Additional In | nformation | | | | * 1 |
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| | GENERATOR'S CERTIFICATION: I hereby declar marked, and labeled, and are in all respects in proper | re that the contents of this consignment are fully and | d accurately described | above by proper | shipping name and a | re dosified, packed, |
| | If I am a large quantity generator, I certify that I have a | program in place to reduce the volume and taxicity | of waste generated to | the degree I have | determined to be eco | nomically practicable |
| | and that I have selected the practicable method of trea OR, if I am a small quantity generator, I have made a | tment, storage, or disposol currently available to me- good faith effort to minimize my waste generation o | which minimizes the pr and select the best was | esent and future t te management n | hreat to human health nethod that is available | and the environment; e tame and that I can |
| ıŀ | Printed/Typed Name | Signature | | | | lonth Day Year |
| | KEVIN W. STIGILE | Kerri | «W/ | tign | lo ü |).9 Z.7 9.6 |
| F | 17. Transporter 1 Acknowledgement of Receipt of | Materials | | () | | |
| | Printed/Typed Name | Signature | | | | lonth Day Year |
| 1 | 18. Transporter 2 Acknowledgement of Receipt of | Materials | | | | |
| | Printed/Typed Name | Signature | The abov | Canad Blace | ral is properly ldg | onth Day Year |
| 4 | 10.0: | | acober to | , prezzgad, m e bransportad | arked and inheled | PA . |
| | 19. Discrepancy Indication Space | | | o (40 CFR Pa o (49 CFR Pa | rts 249-265) and I | oor |
| 1 | | | THE REAL PROFESSION | - (47 C F K F) | ara 164-1/8/* | 0.00 |
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| | , | | Signud_f | 4 Oule | Deser 9/2 | estao |
| | 20. Facility Owner or Operator: Certification of rec | eipt of hazardous materials covered by this r | Signud_f | 4 Oule | | estro |

| | WASTE MANIFEST | 1. Generator's US EPA ID No. AK 61.70000.164 | Manifest Document No. 0009 | 2. Page 1 | Informa not requ | tion in the | phodod areas is |
|----|---|---|--|----------------|--------------------------------|-----------------------|-------------------|
| | Generalor's Name and Mailing Address Field 3505 Anderson Will Read 1 | 1 Activity NW | | A. State A | Manifest Docum | | ber |
| T | 3505 Anderson Will Read I | NW | | B. State C | N/A | | |
| | 4. Generator's Phone (206) 476 -577 | 5 AHN: Doug Thel | in | S. Sidie C | NI | 4 | |
| | 5. Transporter 1 Company Name | O. OS EPA ID NO | umber | C. State T | ansporter's IC | - | NIA |
| | Alaska Marine Lines | WAD 0709 | 73300. | D. Transpo | orter's Phone (| 706) | 763-4244 |
| | 7. Transporter 2 Company Name | 8. US EPA ID NO | THE THE STATE OF T | | ansparter's ID |) | NIA |
| 1 | 9. Designated Facility Name and Site Address | 10. US EPA 10 No. | | G. State F | rter's Phone (| 407) | 279-9515 |
| | DRMQ. | 10. 03 E/A 10 14 | | G. Sidie i | | ILA | |
| Ш | Building # 22-009 | | | H. Facility | | ,,,, | |
| 11 | Elmendorf AFB, Alaska | 2 99506 AK9570028 | 3649. | (907) | 552 | - 49 | 50 |
| | 11. US DOT Description (Including Proper Shipping No | ame, Hazard Class, and ID Number) | No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No. |
| 11 | · RaHazardous Salsta | uce Solid, NOS | 110. | туре | Quantity | WI/ VOI | |
| | o. RaHazardous Sabsta ORM-E (PCO 7500 Ctransformers Om | OPPM) NA 9188 | .7. | BA ! | 5400 | P | .5 |
| G | b. | THE THE SHEET | | | | | |
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| 扑 | 15. Special Handling Instructions and Additional Infor | rmation | | | | | |
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| ١ | 16. GENERATOR'S CERTIFICATION: I hereby declare the | not the contents of this consistement are falls and | accountable described | -bb | bii | | 1 7 1 1 1 |
| 1 | proper co | onamon for transport by highway according to as | pplicable internations | al and nations | governmental | regulation | ML I |
| 1 | If I am a large quantity generator, I certify that I have a pro- and that I have selected the practicable method of treatmen | nt storage or disposal pureath quallable to me wi | hick minimizes the acc | anne and Later | - sh s - h | - L leb | |
| L | OR, if I am a small quantity generator, I have made a good afford. | d faith effort to minimize my waste generation and | d select the best wast | e managemen | t method that is | available | temond that I can |
| - | Printed/Typed Name | Signature . | . 2 1 1. | 1 | | Мо | ab Day Year |
| 1 | IT. Transporter 1 Acknowledgement of Receipt of Mate | = Keve | ul St | gile | | 0 | 92790 |
| 1 | Printed/Typed Name | Signature | | 1 | | | nth Day Year |
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| H | Transporter 2 Acknowledgement of Receipt of Mate Printed/Typed Name | | Therefore | | etat te | | |
| 1 | ed/ typed Nome | Signature | described, | perkoged, s | ertal is prope parked and i | abeled s | coulds i |
| ī | 9. Discrepancy Indication Space | | proper for | transports | arts 260-255 | E In EZ | · · · |
| | | | Regulation | (49 CFR P | meta 104-179 |).). | " |
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| 2 | 20. Facility Owner or Operator: Certification of receipt | of hazardous materials covered by this mu | onifest except on a | oted in Item | 19 | | alcu/ |
| L | | mit me | oresi except ds n | O. WG IN IIGM | | | |
| 1 | Printed/Typed Name | Signature | | | | Ma | nt Day Year |

| UNIFORM HAZARDOUS WASTE MANIFEST I. Generator's US EPAIR AK. 617000 | | Manifest Document No. | 2. Page 1 of [| Information in not required | n the shaded areas is by Federal law. |
|---|----------------------------|--------------------------|----------------------|--|--|
| 3. Generator's Name and Mostling Address US Waly Fugineering Field Activity 3505 Anderson Hill Road WW S. Lierdale, WA 9+3+3 | | | | NIA | Number |
| 4. Generator: Phone 1 206 476-5775 Alta: | Doug Theli | 1 | B. State Gen | NIA | |
| S Transporter Company Name Alaska Marine Lines W. | 4007097 | 3300 | C. State Tran | | NIA |
| 7. Transporter 2 Company Name 8. | US EPA ID Numb | | D. Transporte | | 1) 763-4247 NIA |
| | 0.09903.2 | | | r's Phone (90) | |
| Designated Facility Name and Site Address DRMC | US EPA ID Numb | ber | G. State Faci | | |
| Building # 22-009 | | | H. Facility's P | NIA | |
| Elmendorf AFB, Alaska 99506 IAK | | | (907) | 552-6 | 1950 |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and | | 12. Conto | - | 13. 1. Use the second s | nit L. |
| ORM-E (PCB 7500 PPM) (Transformers Ovarned 9) | NOS NA9188 Hushed) | 5. | BA 4 | 000 1 | |
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| J. Additional Descriptions for Materials Listed Above | | | K. Handling (| Codes for Waste | s Listed Above |
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| 15. Special Handling Instructions and Additional Information | | | | | |
| 16. GENERATOR'S CERTIFICATION: 1 hereby declare that the contents of this consmarked, and labeled, and are in all respects in proper condition for transport by his | ghway according to appli | icable internationa | I and national g | overnmental regu | lations. |
| If I am a large quantity generator, I certify that I have a program in place to reduce the and that I have selected the practicable method of treatment, storage, or disposal curro OR, if I am a small quantity generator, I have made a good faith effort to minimize m afford. | enth available to me which | minimizes the are | sant and house th | reatte humas he | the and the anima date |
| Printed/Typed Name | Signature | . 11 | · - / | | Menth Day Year |
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| Printed/Typed Name | Signature | | - | | Mostle Day Year |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | 1.1.1. |
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| 19. Discrepancy Indication Space | | ecect, phil | BACKWANT IN | adal box lake | lad -At- |
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| 20. Facility Owner or Operator: Certification of receipt of hazardous material | s covered by this mani | itest Steep os K | Saciatre C | Dated G | 128/20 |
| Printed/Typed Name | Signature | | | U | Month Day Year |

APPENDIX F

BILL OF LADING

FAIRBANKS = (907) 452-4355 1095 SANDURI FAIRBANKS, AK 99701

. RAKIEWICH TRUCKING 1 468-2152 8050 - 48 AVENUE EDMONTON, ALBERTA T6E 5L1

rmanent post-office address of shipper ___

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INCORPORATED

Appendix F ANCHORAGE - (907) 279-9515 660 OCEAN DOCK ROAD ANCHORAGE, AK 99510

20133

SEATTLE - (206) 764-5768 5615 W. MARGINAL WAY S.W. SEATTLE, WA 98106

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| nsigned | to | TRMO | | | * 1 | | |
| | | COLLECT ON DELIVERY SHIPMENTS, THE LETTERS "C.O.D "MUST APPEAR BEFO | | | ISE PROVIDED IN | ITEM 43 | 10, SEC. 1. |
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| iler Prov | ided | byDate | | | | At | |
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| lark with ' | 'X'' to designa | designate Hazardous Material as defined in the Department of Transportation fating hazardous materials on bills of lading per Section 172.201 and 172.202(b) | Regulations Governing Transfer of the regulations governing | sportation o | f Hazardous Mate | rials. Th | e use of this column is an optional |
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FAIRBANKS - (907) 452-4355 095 SANDURI FAIRBANKS, AK 99701

W.N. RAKIEWICH TRUCKING) 468-2152 0 - 48 AVENUE EDMONTON, ALBERTA T6E 5L1

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INCORPORATED

ANCHORAGE - (907) 279-95 13. 660 OCEAN DOCK ROAD ANCHORAGE, AK 99510

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SEATTLE - (206) 764-5768 5615 W. MARGINAL WAY S.W. SEATTLE, WA 98106

AE-6 8000 2/87

| THIS MEMORANDUM | is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplic covering the property named herein, and is intended solely for filling or record. |
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| perations oth | erwise I | I below, in apparent good order, except as noted (contents and city person or corporation in possession of the property under the o deliver to another carrier on the route to said destination. It is in every service to be performed hereunder shall be subject to all the lins assigns. | utually assessed as to easily 10 HS to | sale brace or derivery at said destinal | ion, if on its ow | n railroad, water line, | highway ri | oute or routes, or within the territory of its high |
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AIRBANKS - (907) 452-4355 195 SANDURI AIRBANKS, AK 99701

GENT:

.N. RAKIEWICH TRUCKING 468-2152 - 48 AVENUE DMONTON, ALBERTA T6E 5L1

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Secretary of the control of the cont



ANCHORAGE - (907) 279-9515 660 OCEAN DOCK ROAD ANCHORAGE, AK 99510

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SEATTLE - (206) 764-5768 5615 W. MARGINAL WAY S.W. SEATTLE, WA 98106

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AIRBANKS = (907) 452-4355 95 SANDURI AIRBANKS, AK 99701

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RAKIEWICH TRUCKING 468-2152 350 - 48 AVENUE DMONTON, ALBERTA T6E 5L1



ANCHORAGE - (907) 279-9515 660 OCEAN DOCK ROAD ANCHORAGE, AK 99510

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SEATTLE - (206) 764-5768 5615 W. MARGINAL WAY S.W. SEATTLE, WA 98106

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Shipper, Per.

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

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NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

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AIRBANKS - (907) 452-4355 95 SANDURI AIRBANKS, AK 99701

A RAKIEWICH TRUCKING 468-2152 - 48 AVENUE DMONTON, ALBERTA TEE 5L1



ANCHORAGE - (907) 279-9515 660 OCEAN DOCK ROAD ANCHORAGE, AK 99510

82669

SEATTLE - (206) 764-5768 5615 W. MARGINAL WAY S.W. SEATTLE, WA 98106

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| ark with " ethod of d | 'X'' to lesigna | o designate Hazardous Material as defined in the Department of Transportation ating hazardous materials on bills of lading per Section 172.201 and 172.202(| n Regulations Governing Tran b) of the regulations governing | nsportation of ng the transpo | Hazardous Mater | ials. The | use of this column is an optional |
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AE-6 8000 2/87 .

Agent must detach and retain this Shipping Order

and must sign the Original Bill of Lading-

AIRBANKS (907) 452-4355 95 SANDURI AIRBANKS, AK 99701

GENT:

N. RAKIEWICH TRUCKING 468-2152 39-48 AVENUE DMONTON, ALBERTA T6E 5L1

ent post-office address of shipper_

SALE OF THE PROPERTY OF THE PROPERTY OF



ANCHORAGE - (907) 279-9515 660 OCEAN DOCK ROAD ANCHORAGE, AK 99510

82554

SEATTLE - (206) 764-5768 5615 W. MARGINAL WAY S.W. SEATTLE, WA 98106

THIS SHIPPING ORDER Must be legibly filled in, in ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

| cations of | nerwise t | f below. In apparent good order, except as noted (contents and condition of contents of packages by person or corporation in possession of the property under the contract) agrees to carry to its us or deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier every service to be performed hereunder shall be subject to all the conditions not prohibited by law, his assigns. | mai prace or delivery at said destina | tion, if on its ow | n railroad, water line, i | pidpinsh to | bute or routes, or within the territory of its highway |
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| | | noves between two ports by a carrier by | dent on value, shippers are | g the transpo | ertation of such m | aterials. | |

and must sign the Original Bill of Lading.

AIRBANKS (907) 452-4355 095 SANDURI AIRBANKS, AK 99701

GENT:

RAKIEWICH TRUCKING 468-2152 850 - 48 AVENUE DMONTON, ALBERTA T6E 5L1



ANCHORAGE - (907) 279-9515 660 OCEAN DOCK ROAD ANCHORAGE, AK 99510

82561

SEATTLE - (206) 764-5768 5615 W. MARGINAL WAY S.W. SEATTLE, WA 98106

| | | bject to the classifications and tariffs in effect on the date of th | le issue of this Bill of L | ading. | | | 7. |
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| | | designate Hazardous Material as defined in the Department of Transportation ting hazardous materials on bills of lading per Section 172 201 and 172 2020s | | | | | |

Shipper, Per

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ment post-office address of shipper

Agent must detach and retain this Shipping Order

FAIRBANKS - (907) 452-4355 1095 SANDURI FAIRBANKS, AK 99701

AGENT:

8850 - 48 AVENUE EDMONTON, ALBERTA T6E 5L1



ANCHORAGE - (907) 279-9515 660 OCEAN DOCK ROAD ANCHORAGE, AK 99510

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SEATTLE - (206) 764-5768 5615 W. MARGINAL WAY S.W. SEATTLE, WA 98106

| From | | <u> </u> | | | | | Date 19 |
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APPENDIX G

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Appendix G
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