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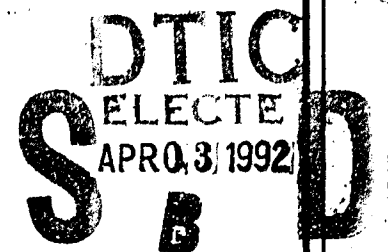


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**HAZARDOUS WASTE CHARACTERIZATION
SURVEY OF UNKNOWN DRUMS AT THE 21ST
TACTICAL FIGHTER WING, ELMENDORF AND
SHEMYA AIR FORCE BASES, AND GALENA AND
KING SALMON AIRPORTS, ALASKA**

Mark S. Bishop, Technical Sergeant, USAF

**OCCUPATIONAL AND ENVIRONMENTAL
HEALTH DIRECTORATE
Brooks Air Force Base, TX 78235-5000**



December 1991

Final Technical Report for Period 2 - 13 August 1991

Approved for public release; distribution is unlimited.

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BROOKS AIR FORCE BASE, TEXAS 78235-5000**

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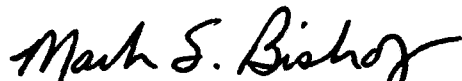
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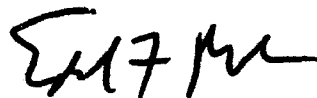
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Waste Function



EDWARD F. MAHER, Lt Col, USAF, BSC
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REPORT DOCUMENTATION PAGE

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CONTENTS

| | Page |
|---|------|
| | iv |
| ACKNOWLEDGMENTS..... | |
| INTRODUCTION..... | 1 |
| Base Description..... | 1 |
| Hazardous Waste Program..... | 2 |
| Objectives..... | 2 |
| DISCUSSION..... | 3 |
| Method..... | 3 |
| Survey Overview..... | 4 |
| Sampling Strategy..... | 4 |
| Analytical Results..... | 4 |
| RECOMMENDATIONS..... | 5 |
| REFERENCES..... | 5 |
| APPENDIXES | |
| A Elmendorf AFB Letter With Attachments..... | 7 |
| B Key to Notations, Symbols, and Abbreviations | 13 |
| C Elmendorf AFB Waste Characterizaion Results | 15 |
| D Shemya AFB Waste Characterization Results..... | 91 |
| E Galena Airport Waste Characterization Results... | 197 |
| F King Salmon Airport Waste Characterization Results | 227 |
| G Elmendorf AFB Waste Stream Results | 245 |

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The author greatly acknowledges the assistance and hard work provided by personnel at Elmendorf AFB for information and logistical support during the survey. Major Waterhouse, Chief, Bioenvironmental Engineering, USAF Regional Hospital was extremely supportive of the mission during the survey. A special thanks is given to MSgt Freitis, NCOIC, Bioenvironmental Engineering, who made this survey possible by arranging transportation and billeting at four geographically separated sites for our entire survey team. SMSgt Godwin, MSgt Ziv and SSgt Munda, USAF Regional Hospital, Bioenvironmental Engineering, also provided invaluable assistance.

A special note of thanks is given to those who volunteered to perform this survey, many of whom were not from our division: Major Estep, AL/OEM, Captain McMullen, AL/OEBE, MSgt Wantland, AL/OEA, MSgt (Sel) Jagielski, AL/OEBE, MSgt (Sel) Jernigan, AL/OEBSA, TSgt Fields, AL/OEBE, TSgt Howell, AL/OEBSD, TSgt Brock, AL/OEM, SSgt Davis, AL/OEBE and Sgt Buendia, AL/OEBE. Without their technical support, this survey would not have been possible.

**HAZARDOUS WASTE CHARACTERIZATION SURVEY OF UNKNOWN DRUMS
AT THE 21ST TACTICAL FIGHTER WING, ELMENDORF AND SHEMA
AIR FORCE BASES, AND GALENA AND KING SALMON AIRPORTS, ALASKA**

INTRODUCTION

The Bioenvironmental Engineering Services (BES) from Elmendorf Air Force Base (AFB) requested assistance from Armstrong Laboratory in performing a hazardous waste characterization on drums containing unknown material stored at Elmendorf AFB, Shemya AFB, and Galena and King Salmon Airports (AP) (Appendix A). In addition, several industrial waste streams were sampled at Elmendorf AFB to revalidate sample results from a previous survey performed in February and March 1991. The drums were known to contain a variety of waste materials generated at the installations over the years from normal maintenance activities. Approximately 525 drums stored at Elmendorf AFB, Shemya AFB, and Galena and King Salmon Airports were characterized through visual identification and analysis. Characterization was necessary before transporting the waste to the central waste storage facility at Elmendorf AFB.

The bioenvironmental engineer at Elmendorf AFB formally requested this project be given the highest priority to avert issuance of notice of violations (NOV) by the U.S. Environmental Protection Agency (EPA). A project of this magnitude required an enormous demand for equipment, supplies, and logistical support, as well as manpower and technical expertise. It involved the sampling of hazardous materials at four geographically separated sites, and transportation to these sites was contingent upon weather conditions.

The survey was conducted by the following personnel:

| | |
|-------------------------------|----------|
| Maj James E. Estep | AL/OEM |
| Capt Patrick T. McMullen | AL/OEBE |
| MSgt Michael J. Wantland | AL/OEA |
| MSgt (Sel) Kurt D. Jagielski | AL/OEBE |
| MSgt (Sel) Pamela J. Jernigan | AL/OEBSA |
| TSgt Mark S. Bishop | AL/OEBE |
| TSgt Richard C. Howell, Jr. | AL/OEBSA |
| TSgt Mary K. Fields | AL/OEBE |
| TSgt Sharon R. Brock | AL/OEM |
| SSgt Robert P. Davis | AL/OEBE |
| Sgt Arturo Buendia | AL/OEBE |

Base Description

Elmendorf AFB encompasses 13,130 acres and borders Anchorage, Alaska, north of Ship Creek, and is adjacent to the Fort Richardson

Army Post. The base is headquarters for the 11th Tactical Control Wing. As the host unit, the 21st Tactical Fighter Wing (TFW), with its two F-15 squadrons, stands guard over 586,000 square miles of territory. The base is located along the Turnagain Arm of Cook Inlet at the base of the picturesque Chuagh Mountain range.

Shemya AFB is located at the western tip of the Aleutian Islands chain in the Bering Sea, midway between Anchorage, Alaska, and Tokyo, Japan. The base covers 11.25 square miles. The 5073d Air Base Group's primary mission is to provide support to Cobra Dane and Cobra Ball reconnaissance missions. The base has 700 active duty Air Force personnel and contractors assigned.

Galena AP is the hub of civilian air traffic in northwest (NW) Alaska. The airport is state owned and shared jointly by the U.S. Air Force as a forward operating base (FOB) and the Federal Aviation Administration (FAA). Galena AP's host, 5072d Combat Support Squadron (CSS), is under the control of the 21st TFW's 43d Tactical Fighter Squadron, and its mission is to support two of the deployed F-15 Eagles on 24-hour alert and long-range radar. Located on the Yukon River, 270 miles downriver from Fairbanks and 350 miles NW of Elmendorf AFB, Galena AP is the northernmost fighter interceptor base in Alaska.

King Salmon AP is also state owned and shared jointly by the U.S. Air Force as an FOB and the FAA as a civilian airport. The host unit is the 5071st CSS. The base's mission is to support two of the deployed F-15 Eagles on 24-hour alert. King Salmon AP is located on the north bank of the Naknek River, 15 miles east of the village of Naknek and 270 miles southwest of Elmendorf AFB, Alaska.

Hazardous Waste Program

The Hazardous Waste Program is managed by the base Civil Engineers assigned at Elmendorf AFB, Shemya AFB, and Galena and King Salmon Airports. There is a Defense Reutilization and Marketing Office (DRMO) assigned at Elmendorf AFB due to its position as the central collecting point of hazardous materials for the State of Alaska.

Objectives

The main objective of this survey was to characterize the contents of 525 drums stored at Elmendorf AFB, Shemya AFB, Galena AP and King Salmon AP using guidance contained in Title 40, Code of Federal Regulations, Part 261 (40 CFR 261), "Identification and Listing of Hazardous Waste" (1). The second objective was to sample and characterize six active waste streams at Elmendorf AFB identified by the base bioenvironmental engineer.

DISCUSSION

Method

The field work consisted of two tasks: screening all drums for waste oil and sampling drums. At Elmendorf AFB the waste oil drums were marked to be processed through a recycle program by an Armstrong Laboratory contractor. For Shemya, the original objective was to sample 40 drums of unknown waste material; the sampling team discovered 600 unknown drums stored at several locations. There were 120 drums of waste material stored at the Civil Engineering hazardous waste accumulation storage area. The sampling team collected samples until supplies ran out. The remainder of the drums were stored outside, located along the flightline, and sampling would be impossible due to the strong constant Artic winds. At Galena the drums were physically moved to an adjacent waste oil storage area for use as fuel in waste oil burners being purchased by the base. At King Salmon, all 15 drums were sampled.

During sampling, each sample was taken to be representative of the drum contents. Stratification of the waste due to age and/or varying physical properties was taken into account. All field sampling met EPA criteria (2).

Drummed liquids were extracted by using a composite liquid waste sampler (COLIWASA). A COLIWASA is a 3-foot (0.92 m) cylindrical glass tube containing a plug rod that is used to close the end of the glass tube. A COLIWASA permits representative sampling of multiphase wastes of a wide range of viscosity, corrosivity, volatility and solids content. A separate COLIWASA was used to collect a sample from each drum. A total of 210 samples were collected from waste streams and drums at the four sites.

All samples were collected in Eagle Pitcher Level II Certified bottles. The bottles are cleaned by the vendor according to EPA protocols in order to eliminate the container as a source of sample contamination. Each sample bottle was labeled with a unique laboratory sample number to avoid misidentification. The samples were shipped by Federal Express to the Armstrong Laboratory in order to comply with the minimum holding times prior to analysis. Each sample was processed at the Analytical Services Division, for quality control. They were then prepared for shipment to three separate contract laboratories to insure a rapid turnaround on analysis.

Survey Overview

A concerted effort was made by all parties involved to accomplish this survey with maximum logistic and economic efficiency. The overall sampling and analysis plan was coordinated on the first survey day with Mr Sam Swearingen, Chief of DRMO, to avoid duplication and/or incorrect analysis requests. To reduce analytical costs, composite samples were taken on drums with similar characteristics and composition contents. The first day of the survey was devoted to organizing the equipment for efficient daily deployment, safety and sampling procedure training for all personnel, and refining a comprehensive sampling plan. In order to maximize all our available resources and to make it logistically possible to sample 525 drums containing unknown waste materials at separate sites, personnel initially divided into different teams for trips to Shemya AFB, Galena and King Salmon Airports, while one team remained at Elmendorf AFB. The next 12 days were spent on the actual sampling. At the request of the base bioenvironmental engineer, six waste streams were identified and sampled on the last day to revalidate previous characterization. An outbriefing was given by MSgt Wantland and TSgt Bishop to Major Waterhouse on the final day of the survey.

Sampling Strategy

The purpose of this survey was to characterize 525 drums containing waste material and determine if this waste was hazardous according to guidance under the Resource Conservation and Recovery Act (RCRA). The four characteristic tests for hazardous wastes are ignitability, corrosivity, reactivity, and toxicity characteristic leachate procedure (TCLP) according to 40 CFR 261. Analyses required to determine if waste oil can meet recycling specifications under Title 40, CFR 266.40 are major components, flash point, total metals for energy recovery, and total organic halogens (TOX). Sampling strategies were implemented at Elmendorf AFB in order to adequately and properly identify the contents of each drum of unknown material or waste and waste stream. In general, one sample was collected for each drum. When several drums were determined to have similar contents they were composited into a single sample to reduce analytical costs.

Analytical Results

Located in the appendixes are the key to notations, symbols, and abbreviations (Appendix B); analytical results organized according to the base (Appendixes C, D, E, and F); and waste stream results (Appendix G). Data obtained during the survey and from the laboratory analysis results were used to format results into a special and easy to use form for each drum sampled. One sheet was filled out per sample. Where a sample was a composite of several drums, all composited drums are listed on the top of the form.

RECOMMENDATIONS

Polychlorinated Biphenyl (PCB) analysis should only be requested when there is evidence to suggest PCBs are likely to be present; i.e., soil collected from a PCB transformer spill site. Data from this effort and previous work at Elmendorf demonstrate that routine request for PCB analysis on waste oil and other wastes is unnecessary.

All waste accumulation points should evaluate the potential for burning used oil on-site. Field observations of the large number of waste oil drums show the great potential savings by burning used oil at Elmendorf AFB, Galena Airport, and Shemya AFB. Preliminary investigation of costs indicates purchase and installation of a waste oil burner is \$8,500. A field test of a typical unit by our laboratory is scheduled at Elmendorf AFB for Dec 91.

Recommend all remote sites establish a comprehensive program for segregating waste oil from other solid wastes. Elmendorf AFB appears to have an effective program for segregating their industrial wastes. Segregating the waste oil enhances the opportunity to recycle the oil and eliminates the need to pay for analysis and disposal of the waste oil as hazardous waste.

REFERENCES

1. Code of Federal Regulations, Title 40, Protection of Environment, Part 261, Identification and Listing of Hazardous Waste, and Part 266, Certain Specific Types of Hazardous Waste Facilities, March 1989.
2. United States Environmental Protection Agency, Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, January 1980.

APPENDIX A
Elmendorf AFB Letter With Attachments

DEPARTMENT OF THE AIR FORCE
PACIFIC AIR FORCES

FROM: USAF RGN HOSP ELMENDORF/SGPB
24800 HOSPITAL DRIVE
ELMENDORF AFB AK 99506-3700

10 December 1990

SUBJECT: Request for Specialized Hazardous Waste Sampling

TO: HQ 11AF/SG *H/Conc 11 Dec 90*
HQ PACAF/SGPB *19 Dec 90 See note below*
AFOEHL/EQ *[initials]*
IN TURN

1. Provided at Attachment 1 are requests from the Elmendorf AFB, Civil Engineering Squadron requesting hazardous waste analysis for a number of unknown hazardous material containing drums.

a. The first request addresses five concrete lined drums suspected to contain cyanide.

b. Request number two addresses hazardous waste characterization of approximately 360 drums containing unknown materials being stored at the base hazardous waste storage facility awaiting disposal.

2. Bioenvironmental Engineering has recently assumed all base and remote site hazardous waste stream characterization tasking; however, due to the number of barrels currently in storage requiring sampling and the configuration and the associated hazard posed to sampling personnel by the five suspect cyanide containing drums, assistance from AFOEHL/EQE is requested to expedite sample collection and analysis.

3. Provided at Attachment 2 is a cost estimate projection for anticipated 1991 hazardous waste analytical requirements. Full characterization of the 360 unknown drums is considered in the cost estimate. Due to the nature of the five cemented drums, a cost estimate could not be projected.

4. Due to Elmendorf AFB's position as the primary hazardous waste receiving and holding point for Alaska, we request this project be given priority to preclude potential enforcement violations and to ensure Elmendorf can continue to receive and dispose of hazardous waste.

5. Please contact me at AUTOVON 317-552-5011 if additional information is requested in support of this project. Your assistance in this is greatly appreciated.


LINDSEY C. WATERHOUSE, Maj, USAF, BSC
Chief, Bioenvironmental Engineering

2 Atch

1. 21 CSG/DEEV Ltrs of Request
2. SGPB Cost Estimate for Hazardous Waste Monitoring

cc: 21 TFW/CV
21 CSG/DE
21 CSG/DEE
USAF RGN HOSP/SGP
21 CSG/DEEV
AFOEHL/EQE

(NY34:SPECSAM)

5 OCT 1990

FROM: 21 CSG/DEEV
3240

SUBJECT: Request for Sample and Analysis of Containers of Suspected Poison at
FAC 22-009

TO: 11 AF/SGPB
3700

Request you sample and analyze five containers stored at the Elmendorf hazardous waste facility, Bldg. 22-009. The containers are 85-gallon open-headed drums, filled with concrete which surrounds small cylinders containing the substance to be determined. This information was obtained by X-raying the containers. The only evidence of what substance may be inside is the word "cyanide" written on the container. Our POC is Steve Flier, 2-4157.

William R. Reiter

WILLIAM R. REITER, P. E.
Chief, Engineering & Environmental
Planning Branch

File?
e

FROM: USAF RON HOSP/SGPB
24800 HOSPITAL DRIVE
ELMENDORF AFB AK 99506-3700

4 December 1990

SUBJECT: Hazardous Waste Sampling Costs

TO: 21 CES/DEEV

1. Per your request, the following information comprises a cost estimate for hazardous waste sampling analysis for FY 1991. Man-hour and non-disposable equipment costs are not included in the price-out.

2. Unknown materials barrels currently stored at the hazardous materials warehouse:

355 to 360 drums

No actual grouping, no definitive sources

Complete analysis required 360 @ \$2000 = \$720K

3. Hazardous materials accumulation points:

27 locations

Average of 4 waste streams per location

Estimate 2 complete analysis and 2 partial analysis per location

2 complete @ \$2000 = \$4K, 2 partial at \$1100 = \$2.2k

27 sites @ \$4k + \$2.2K = \$167.4k

4. Estimate of unplanned samples:

Typical 25 per year (tundra mushrooms)

Complete analysis required

25 @ \$2000 = \$50k

5. Sampling supplies and incidentals for 493 samples

Sampling tubes and bottles 493 @ \$19 = \$9367 (\$9.4k)

Disposable equipment per 10 samples 50 @ \$55 = \$2750 (\$2.8k)

Shipment 493 @ \$10 = \$4930 (\$5.0k)

Total \$9.4k + \$2.8k + \$5.0k = \$17.2k

6. Totals

Unknowns: \$720.0k

HazWaste \$167.4k

Unplanned \$50.0k

Supplies \$17.2k

Total \$954.6k

A+L2

7. If there are any questions concerning this cost estimate please contact
Bioenvironmental Engineering at 552-451/4282.



LINDSEY C. WATERHOUSE, Major, USAF, BSC
Chief, Bioenvironmental Engineering

(ZPC1:WSDOCS:HMSTUF3)

APPENDIX B
Key to Notations, Symbols, and Abbreviations

**KEY TO ALPHABET NOTATIONS, ELEMENT SYMBOLS,
AND ABBREVIATIONS**

Denotes TCLP Volatiles, Metal Analytes, Energy Recovery Metals:

| <u>Alphabet</u> | <u>VOC Analyte</u> | <u>Limits of Detection (mg/Kg)</u> |
|-----------------|--------------------------|------------------------------------|
| a | Benzene | 8.0 |
| b | Carbon Tetrachloride | 7.5 |
| c | Chlorobenzene | 6.5 |
| d | Chloroform | 9.0 |
| e | 1,2-Dichloroethane | 12.0 |
| f | 1,1-Dichloroethylene | 6.0 |
| g | Methyl Ethyl Ketone | 19.0 |
| h | Tetrachloroethylene | 7.5 |
| i | Trichloroethylene | 6.5 |
| j | Vinyl Chloride | 8.5 |
| k | o - Cresol | 200.0 |
| l | m - Cresol | 200.0 |
| m | p - Cresol | 200.0 |
| n | 1,4 - Dichlorobenzene | 7.5 |
| o | 2,4 - Dinitrotoluene | 0.13 |
| p | Hexachlorobenzene | 0.13 |
| q | Hexachloro-1-3-butadiene | 0.5 |
| r | Hexachloroethane | 3.0 |
| s | Nitrobenzene | 2.0 |
| t | Pentachlorophenol | 100.0 |
| u | Pyridine | 5.0 |
| v | 2,4,5-Trichlorophenol | 400.0 |
| w | 2,4,6-Trichlorophenol | 2.0 |

| <u>Element Symbol</u> | <u>Metal Analyte</u> |
|-----------------------|----------------------|
| Ar | Arsenic |
| Ba | Barium |
| Cr | Chromium |
| Cd | Cadmium |
| Pb | Lead |
| Se | Selenium |
| Ag | Silver |
| Hg | Mercury |

MC: Major Components
 FP: Flash Point
 HTW: Hazardous Toxic Waste
 RX: Reactivity
 ER: Energy Recovery
 TOX: Halogens
 CORR: Corrosivity
 VOL: Volatile
 TCLP-F/M: Toxicity Characteristic Leachate Procedure-Full/Metal
 PHC: Petroleum Hydrocarbon Oil
 MEK: Methyl Ethyl Ketone
 ND: None Detected (below detection limits)
 NP: Not Performed

APPENDIX C
Elmendorf AFB Waste Characterization Results

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2027
Date Sampled: 5 Aug 91
Base Sample Number: GT912027

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Performed
Corrosivity (pH) 7.5

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components :
Ethylene Glycol

Total Organic Halides (%): 0.0001

Energy Recovery
Total Metals (mg/L):
Ar (0.23)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2028
Date Sampled: 5 Aug 91
Base Sample Number: GT912028

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 73.4
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 8.1

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):

Se (0.9)

TCLP-Volatiles (mg/L): None detected

Major Components (%):

H2O (100)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2032
Date Sampled: 5 Aug 91
Base Sample Number: GT912032

ANALYSIS REQUESTED:

| | |
|---------------------------|------------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 95
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 3.4

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):
H2O mixed with 8% Dichloromethane

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive x Ignitable Reactive TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2034
Date Sampled: 5 Aug 91
Base Sample Number: GT912034

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 77
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Toluene (50)
Acetone (24)
Xylene (21)
Heptane (5)

Total Organic Halides (%): None detected

Energy Recovery

Total Metals (mg/L): None detected

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2039
Date Sampled: 3 Aug 91
Base Sample Number: GT912039

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Petroleum Hydrocarbons (100): A mixture of oil and JP5

Total Organic Halides (%): .22

Energy Recovery

Total Metals (mg/L): None detected

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2043, 202, 102, 07, 08
Date Sampled: 5 Aug 91
Base Sample Number: GT912043

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.8

TEST PERFORMED:

TCLP-Metals (mg/L): None detected

ANALYTICAL RESULTS:

TCLP-Volatiles (mg/L): None detected

Major Components (%):

H2O (69)
Motor oil (31)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2046
Date Sampled: 5 Aug 91
Base Sample Number: GT912046

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Similar to Hydraulic fluid (100)

Total Organic Halides (%): .029

Energy Recovery
Total Metals (mg/L):
Pb (1.2)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2065
Date Sampled: 5 Aug 91
Base Sample Number: GT912065

ANALYSIS REQUESTED:

| | |
|---------------------------|---------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u>x</u> Halogens |
| <u>x</u> Corrosivity (pH) | <u>x</u> Energy Recovery-Metals |
| <u> </u> TCLP-Metals | <u>x</u> PCB |
| <u> </u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <71.6
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.2

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Ethanol (75)
H2O (25)

Total Organic Halides (%): None detected

Energy Recovery

Total Metals (mg/L): None detected

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive x Ignitable Reactive TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2066
Date Sampled: 5 Aug 91
Base Sample Number: GT912066

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 73.4
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Toluene (48)
Acetone (25)
Xylene (21)
Heptane (6)

Total Organic Halides (%): 0.0001

Energy Recovery

Total Metals (mg/L): None detected

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2070
Date Sampled: 5 Aug 91
Base Sample Number: GT912070

ANALYSIS REQUESTED:

| | |
|---------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 118.4
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 6.5

TEST PERFORMED: ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):
H2O (100)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive x Ignitable Reactive TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (hldg): 22-009
Drum Number/s: 2073,2118,2075
Date Sampled: 3 Aug 91
Base Sample Number: GC912073

ANALYSIS REQUESTED:

| | |
|---|--|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L):
Cd (0.3)

PCB (mg/Xg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2076,2077,2078,2116,2115
Date Sampled: 3 Aug 91
Base Sample Number: GC912076

ANALYSIS REQUESTED:

| | |
|---|--|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L):
Cd (0.3)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2079
Date Sampled: 5 Aug 91
Base Sample Number: GT912079

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.6

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Ethylene Glycol (100)

Total Organic Halides (%): None detected

Energy Recovery
Total Metals (mg/L):
Ar (0.26)
Cd (0.33)
Pb (24)
PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2087
Date Sampled: 6 Aug 91
Base Sample Number: GT912087

ANALYSIS REQUESTED:

| | |
|---------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 5.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):
H2O (100)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2103
Date Sampled: 6 Aug 91
Base Sample Number: GT912103

ANALYSIS REQUESTED:

| | |
|---------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 6.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):
H2O (100)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2104, 2112
Date Sampled: 6 Aug 91
Base Sample Number: GC912104

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <71.6
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Toluene (60)

Xylene (24)

Acetone (16)

Total Organic Halides (%): None Detected

Energy Recovery

Total Metals (mg/L): None detected

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☒ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2111
Date Sampled: 6 Aug 91
Base Sample Number: GT912111

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):
Tetrachloroethylene (1.7)

Major Components (%):
H2O (98)
Paint (2)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2114
Date Sampled: 6 Aug 91
Base Sample Number: GT912114

ANALYSIS REQUESTED:

| | |
|---------------------------|------------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 6.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
H2O (100)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2119
Date Sampled: 3 Aug 91
Base Sample Number: GT912119

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):

H2O (70)
Ethylene Glycol (30)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2124
Date Sampled: 6 Aug 91
Base Sample Number: GT912124

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 6.9

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):

Pb (4.7)
TCLP-Volatiles (mg/L):
Tetrachloroethylene (0.65)

Major Components (%):

Top (20): Oil (>99)
Bottom (80): H2O (98)
Paint (2)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2128
Date Sampled: 6 Aug 91
Base Sample Number: GT912128

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <71.6
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Toluene (38)
Isobutyl Acetate (36)
Methyl Ethyl Ketone (17)
Isobutylbutanol (9)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2137, 2138
Date Sampled: 6 Aug 91
Base Sample Number: GC912137

ANALYSIS REQUESTED:

| | |
|---------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 11.8

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):

Amonium Hydroxide (80)
H2O (20)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive x Ignitable - Reactive TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2139
Date Sampled: 6 Aug 91
Base Sample Number: GT912139

ANALYSIS REQUESTED:

| | |
|---|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

| | |
|------------------------|----------------------|
| Flash Point (degree F) | <u>Not Performed</u> |
| Reactivity (mg/L) | <u>Not Performed</u> |
| Corrosivity (pH) | <u>Not Performed</u> |

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

No oil, test Not Performed

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2140
Date Sampled: 6 Aug 91
Base Sample Number: GT912140

ANALYSIS REQUESTED:

| | | |
|---|-------------------------------------|------------------------|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> | Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> | Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> | Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> | PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> | Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L):
Cd (0.27)
Cr (1.82)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

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BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2145
Date Sampled: 7 Aug 91
Base Sample Number: GT912145

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 95
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
1,1,1-Trichloroethane (100)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2147, 2148
Date Sampled: 6 Aug 91
Base Sample Number: GT912147

ANALYSIS REQUESTED:

| | |
|---------------------------|------------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 11.9

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):

Cd (0.3)
TCLP-Volatiles (mg/L):
Vinyl Chloride (1.0)

Major Components (%):
Ammonium Hydroxide (89)
H2O (11)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive x Ignitable Reactive x TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2157
Date Sampled: 6 Aug 91
Base Sample Number: GT912157

ANALYSIS REQUESTED:

| | |
|---------------------------|------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | ___ Halogens |
| <u>x</u> Corrosivity (pH) | ___ Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | ___ PCB |
| <u>x</u> TCLP-Volatiles | ___ Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 127.4
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.1

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):
H2O (100)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

___ Corrosive x Ignitable ___ Reactive ___ TCLP Toxic
___ Energy Recovery Criteria Exceeded

COMMENTS:

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BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2158
Date Sampled: 6 Aug 91
Base Sample Number: GT912158

ANALYSIS REQUESTED:

| | |
|-----------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u> </u> Reactivity (Rx) | <u> </u> Halogens |
| <u> </u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u> </u> TCLP-Metals | <u> </u> PCB |
| <u> </u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <71.6
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Ethanol (100)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive x Ignitable Reactive TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2161
Date Sampled: 6 Aug 91
Base Sample Number: GT912161

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <71.6
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Petroleum Hydrocarbons mixed with JP-4 and motor oil (100)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2165
Date Sampled: 7 Aug 91
Base Sample Number: GT912165

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.6

TEST PERFORMED:

TCLP-Metals (mg/L):
Ar (0.72)
Pb (0.71) Se (0.69)
TCLP-Volatiles (mg/L): None detected

ANALYTICAL RESULTS:

Major Components (%):
H2O (93)
Petroleum Hydrocarbons (7)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2166
Date Sampled: 7 Aug 91
Base Sample Number: GT912166

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 132.8
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.6

TEST PERFORMED:

TCLP-Metals (mg/L):

Pb (1.6) Se (0.5)
TCLP-Volatiles (mg/L): None detected

ANALYTICAL RESULTS:

Major Components (%):
H2O (88)
Petroleum Hydrocarbons (12)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2172
Date Sampled: 7 Aug 91
Base Sample Number: GT912172

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 113
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 8.4

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (39) Cr (15)
Cd (8.1) Pb (41)
TCLP-Volatiles (mg/L): None detected

Major Components (%):
Petroleum Hydrocarbons (66)
H2O (34)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2175
Date Sampled: 7 Aug 91
Base Sample Number: GT912175

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 82.4
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.2

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):

Cd (0.16)
TCLP-Volatiles (mg/L):
Tetrachloroethylene (7)

Major Components (%):
Petroleum Hydrocarbons (79)
H2O (21)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

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BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2177
Date Sampled: 7 Aug 91
Base Sample Number: GT912177

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Ethyl and methyl Phenol Isomers (67)
Methylene (33)

Total Organic Halides (%): 8.4

Energy Recovery

Total Metals (mg/L):

Ar (0.24)
Cd (12)
Cr (647)
Pb (1350)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☒ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2180
Date Sampled: 7 Aug 91
Base Sample Number: GT912180

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 60.8
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

1,1,2-Trichloro-1,2,2-Trifluoromethane (43)
Xylene (19)
N-pentane (12)
Acetone (10)
Heptane (8)
Benzene (4)
Toluene (4)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☒ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2182
Date Sampled: 7 Aug 91
Base Sample Number: GT912182

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Petroleum Hydrocarbons (100)

Total Organic Halides (%): .031

Energy Recovery
Total Metals (mg/L):
Cd (1.2)
Cr (1.4)
Pb (26)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2190
Date Sampled: 7 Aug 91
Base Sample Number: GT912190

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 77
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 4.6

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Benzene (10.2)

1,2-Dichloroethene (0.2)

Major Components (%):

H2O (26)

1-1-2 Tricloro-1-2-2 Trichloromethane (19)

Xylene (18)

Toluene (12)

Acetone (11)

Heptane (8)

N-Petane (3)

Benzene (3)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2194
Date Sampled: 7 Aug 91
Base Sample Number: GT912194

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Liquid mixed with Phenol Isomers

Total Organic Halides (%): 12

Energy Recovery
Total Metals (mg/L):
Cd (1.3)
Cr (64)
Pb (19)
PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☒ Energy Recovery Criteria Exceeded

COMMENTS:

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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2196
Date Sampled: 7 Aug 91
Base Sample Number: GT912196

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <71.6
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Petroleum Hydrocarbons (59)
Dichloromethane (17)
Heptane (8)
Tetrachloroethylene (7)
N-Butanol (6)
Toluene (3)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☒ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☒ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2199
Date Sampled: 7 Aug 91
Base Sample Number: GT912199

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 82.4
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 6.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):

Cd (3.0)
TCLP-Volatiles (mg/L):
o-Cresol (11.6)

Major Components (%):
H2O (50)
Phenols (39)
1,1,1-Trichloroethane (11)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2213
Date Sampled: 8 Aug 91
Base Sample Number: GT912213

ANALYSIS REQUESTED:

| | |
|---------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 82.4
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 10.3

TEST PERFORMED:

TCLP-Metals (mg/L):
 Cr (0.62)
 Cd (2.2)
TCLP-Volatiles (mg/L):
 Benzene (0.41)

ANALYTICAL RESULTS:

Major Components (%):
 H2O mixed with limonene (100)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive x Ignitable Reactive x TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

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BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2214
Date Sampled: 8 Aug 91
Base Sample Number: GT912214

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 77
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):
Tetrochloroethylene (0.23)

Major Components (%):
Petroleum Hydrocarbons (86)
H2O (14)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2216, 2219
Date Sampled: 8 Aug 91
Base Sample Number: GC912216

ANALYSIS REQUESTED:

| | |
|---------------------------|------------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 11.9

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):
Ammonium Hydroxide (89)
H2O (11)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive x Ignitable Reactive TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

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BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2220
Date Sampled: 8 Aug 91
Base Sample Number: GT912220

ANALYSIS REQUESTED:

| | |
|---------------------------|------------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 62.6
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.3

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Tetrochloroethylene (4.3)

Chlorobenzene (0.12)

Major Components (%):

Petroleum Hydrocarbons (79)

H2O (21)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive x Ignitable Reactive x TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2230
Date Sampled: 8 Aug 91
Base Sample Number: GT912230

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.2

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Ethylene Glycol (100)

Total Organic Halides (%): 0.01

Energy Recovery
Total Metals (mg/L):
Ar (0.16)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2231
Date Sampled: 8 Aug 91
Base Sample Number: GT912231

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 111.2
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 10.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Benzene (0.34)

Tetrachloroethylene (1.7)

Major Components (%):

H2O (71)

Petroleum Hydrocarbons (29)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

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BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2240
Date Sampled: 8 Aug 91
Base Sample Number: GT912240

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <71.6
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Petroleum Hydrocarbons (92)
Toluene (8)

Total Organic Halides (%): 0.03

Energy Recovery

Total Metals (mg/L):
Pb (39)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☒ Energy Recovery Criteria Exceeded

COMMENTS:

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BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2241
Date Sampled: 8 Aug 91
Base Sample Number: GT912241

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 100.4
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Petroleum Hydrocarbons JP-5 (100)

Total Organic Halides (%): .04

Energy Recovery
Total Metals (mg/L):
Pb (3.1)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

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BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2243
Date Sampled: 8 Aug 91
Base Sample Number: GT912243

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Petroleum Hydrocarbons PD-680 (100)

Total Organic Halides (%): None detected

Energy Recovery

Total Metals (mg/L): None detected

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2250
Date Sampled: 10 Aug 91
Base Sample Number: GT912250

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Top (95): Gasoline (>99)
Bottom (5): H2O (>99)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

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BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2256
Date Sampled: 9 Aug 91
Base Sample Number: GT912256

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Reactive
Corrosivity (pH) <1.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

H2O (71)

HCL (29)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☒ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2266
Date Sampled: 9 Aug 91
Base Sample Number: GT912266

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Oil Based Paint (>99)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2269, 2272, 2258
Date Sampled: 9 Aug 91
Base Sample Number: GC912268

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Oil (40)
Degreasing Solvent (40)
Phenols (20)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2270
Date Sampled: 9 Aug 91
Base Sample Number: GT912270

ANALYSIS REQUESTED:

| | |
|---------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 9.4

TEST PERFORMED:

TCLP-Metals (mg/L):
Cr (0.9)
Cd (0.8) Pb (1.7)
TCLP-Volatiles (mg/L):
Benzene (6.3)

Major Components (%):
Top (80): Oil (>99)
Bottom (20): H2O (87)
Oil (13)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive x Ignitable Reactive x TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2280
Date Sampled: 10 Aug 91
Base Sample Number: GT912280

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Petroleum Hydrocarbons (100)

Total Organic Halides (%): .6

Energy Recovery
Total Metals (mg/L):
Cr (0.24)
Pb (0.2)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2287
Date Sampled: 8 Aug 91
Base Sample Number: GT912287

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <71.6
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):

H₂O (69)
Petroleum Hydrocarbons (28)
Benzene, Toluene, Xylene (3)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2288
Date Sampled: 8 Aug 91
Base Sample Number: GT912288

ANALYSIS REQUESTED:

| | |
|---------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.1

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):

H2O (85)

Petroleum Hydrocarbons (15)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2289
Date Sampled: 10 Aug 91
Base Sample Number: GT912289

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 3.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2290
Date Sampled: 10 Aug 91
Base Sample Number: GT912290

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 8.8

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):
1,2-Dichloroethane (0.32)

Major Components (%):
Petroleum Hydrocarbons (54)
H2O (46)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2297
Date Sampled: 10 Aug 91
Base Sample Number: GT912297

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 6.9

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):

Pb (1.6)
TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2298
Date Sampled: 10 Aug 91
Base Sample Number: GT912298

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 3.3

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

H2O (67)
Solids (33)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2302
Date Sampled: 10 Aug 91
Base Sample Number: GT912302

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Petroleum Hydrocarbons (100)

Total Organic Halides (%): .055

Energy Recovery
Total Metals (mg/L):
Pb (4.0)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

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BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2306
Date Sampled: 10 Aug 91
Base Sample Number: GT912306

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Petroleum Hydrocarbons (100)

Total Organic Halides (%): .33

Energy Recovery
Total Metals (mg/L):
Pb (4.9)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2309
Date Sampled: 10 Aug 91
Base Sample Number: GT912309

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 5.1

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):

Pb (1.9)

TCLP-Volatiles (mg/L): None detected

Major Components (%):

Top (10): Naphtha (>99)

Bottom (90): H2O (>99)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2311
Date Sampled: 10 Aug 91
Base Sample Number: GT912311

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.6

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Carbon Tetrachloride (0.15)

Major Components (%):

Soil (79)

H2O (17)

Petroleum Hydrocarbons (4)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2312
Date Sampled: 10 Aug 91
Base Sample Number: GT912312

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.4

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Benzene (0.55)
Tetrachloroethylene (0.18)

Major Components (%):

Top (80): Petroleum Hydrocarbons (>99)
Bottom (20): Inorganics (81)
H2O (19)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2319
Date Sampled: 10 Aug 91
Base Sample Number: GT912319

ANALYSIS REQUESTED:

| | |
|---------------------------|--------------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.5

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Benzene (3.7)

Methyl Ethyl Ketone (21)

Tetrachloroethylene (0.22)

Major Components (%):

Top (60): Petroleum Hydrocarbons (99)

Bottom (40): H2O (>99)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive x TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

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BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2320
Date Sampled: 10 Aug 91
Base Sample Number: GT912320

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 9.9

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
H2O (>99)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2327
Date Sampled: 10 Aug 91
Base Sample Number: GT912327

ANALYSIS REQUESTED:

| | |
|---------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 9.4

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):
H2O (>99)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive TCLP Toxic
 Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2329
Date Sampled: 10 Aug 91
Base Sample Number: GT912329

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 10.3

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Cr (6.2)
Cd (1.0)
TCLP-Volatiles (mg/L):
Tetrachloroethylene (1.0)

Major Components (%):
H2O (94)
Petroleum Hydrocarbons (6)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2332
Date Sampled: 10 Aug 91
Base Sample Number: GT912332

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Performed
Corrosivity (pH) 8.5

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Petroleum Hydrocarbons (similar to JP-4) (100)

Total Organic Halides (%): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2341
Date Sampled: 10 Aug 91
Base Sample Number: GT912341

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Hydraulic Fluid (100)

Total Organic Halides (%): None detected

Energy Recovery
Total Metals (mg/L):
Pb (0.71)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2361
Date Sampled: 10 Aug 91
Base Sample Number: GT912361

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 131
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Petroleum Hydrocarbons (98)
Toluene (1)
Xylene (1)
Total Organic Halides (%): .17

Energy Recovery

Total Metals (mg/L):

Ar (0.12)
*Pb (230)
Cd (0.13)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☒ Energy Recovery Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
ELMENDORF AFB, AK

GENERAL INFORMATION

Location (bldg): 22-009
Drum Number/s: 2379
Date Sampled: 10 Aug 91
Base Sample Number: GT912379

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 13.6

TEST PERFORMED:

TCLP-Metals (mg/L):
 Cr (0.8)
 Pb (4.7)
TCLP-Volatiles (mg/L): Not Performed

ANALYTICAL RESULTS:

Major Components (%):
 H2O and Ammonia (100)

Total Organic Halides (%): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☒ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ Energy Recovery Criteria Exceeded

COMMENTS:

APPENDIX D

Shemya AFB Waste Characterization Results

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2503
Date Sampled: 6 Aug 91
Base Sample Number: GT912503

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 3.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Benzene (31)

Cresol (Total) (2)

Major Components (%):

H2O (95)

Organic (5): Hydrocarbons (99)

Acetone (1)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2504, 13
Date Sampled: 6 Aug 91
Base Sample Number: GT912504

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <60.8
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Organic (100): Hydrocarbons (48)
Toluene, Ethylbenzene and Xylene(40)
Alkylbenzene (12)

Total Organic Halides (mg/L): None detected

Energy Recovery

Total Metals (mg/L):

Pb (6)

Cr (2)

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2505
Date Sampled: 6 Aug 91
Base Sample Number: GT912505

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 5.4

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

Nitrobenze can not be reported due to 0% recovery in the matrix spike sample.

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2507
Date Sampled: 6 Aug 91
Base Sample Number: GT912507

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 77
Reactivity (mg/L) Not reactive
Corrosivity (pH) 4.9

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Pb (20) Se (1)
Hg (.34)
TCLP-Volatiles (mg/L):
Chloroform (6.9)
Mehtyl ethyl ketone (620)
Cresol (Total) (<4)
Major Components (%):
H2O (50)
Organic (50): Tolunes and Xylenes (56)
Hydrocarbons (20)
Cellosolve Acetate (16)
Alkyl Benzenes (5)
4-Methyl-2-Pentanone (3)
Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2506
Date Sampled: 6 Aug 91
Base Sample Number: GT912506

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 5.8

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.4) Cr (.1)
Cd (.05) Pb (.5)

TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

Nitrobenze can not be reported due to 0% recovery in the matrix spike sample

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2508
Date Sampled: 6 Aug 91
Base Sample Number: GT912508

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 9.4

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.02) Pb (.02)
Cd (.06) Ag (.04)
TCLP-Volatiles (mg/L):
Benzene (1.7)
Cresol (Total) (<1)
Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2509
Date Sampled: 6 Aug 91
Base Sample Number: GT912509

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 125.6
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Organic (100): Hydrocarbons (83)
Alkyl Benzene (12)
Alkyl Naphthalenes (5)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2510
Date Sampled: 6 Aug 91
Base Sample Number: GT912510

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 8.1

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):

H2O (90)

Organic (10): Hydrocarbons (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

Nitrobenzene can not be reported due to 0% recovery in the matrix spike sample.

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2511
Date Sampled: 6 Aug 91
Base Sample Number: GT912511

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <57.2
Reactivity (mg/L) Not reactive
Corrosivity (pH) 8.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ag (.07)

TCLP-Volatiles (mg/L):
Mehtyl ethyl ketone (5200)

Major Components (%):
H2O (98)
Organic (2)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2512
Date Sampled: 6 Aug 91
Base Sample Number: GT912512

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 89.6
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Organic (100): Hydrocarbons (51)
Toluene, Ethylbenzene and Xylene(44)
Alkyl Benzene (3)
Alkyl Naphthalenes (2)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2514
Date Sampled: 6 Aug 91
Base Sample Number: GT912514

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 4.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (.1) Ag (.08)
Pb (.4)
TCLP-Volatiles (mg/L):
Cresol (Total) (<0.1)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2516
Date Sampled: 6 Aug 91
Base Sample Number: GT912516

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Organic (100): Hydrocarbons (100)

Total Organic Halides (mg/L): None detected

Energy Recovery
Total Metals (mg/L): None detected

PCB (mg/Kg):
Aroclor 1260 (14)

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2518
Date Sampled: 6 Aug 91
Base Sample Number: GT912518

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 136.4
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Organic (100): Hydrocarbons (87)
Alkyl Benzene (9)
Alkyl Naphthlenes (4)
Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2519
Date Sampled: 6 Aug 91
Base Sample Number: GT912519

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 7.2

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.8)
Hg (.02)
TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2520
Date Sampled: 6 Aug 91
Base Sample Number: GT912520

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <60.8
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Organic (100): Toluene, Ethylbenzene and Xylene(91)
Hydrocarbons (9)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2521
Date Sampled: 6 Aug 91
Base Sample Number: GT912521

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Organic (100): Unknown Sulfur Compounds (50)
Unknown Hydrocarbons (40)
Unknown Compounds (10)

Total Organic Halides (mg/L): None detected

Energy Recover:

Total Metals (mg/L): None detected

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2522
Date Sampled: 6 Aug 91
Base Sample Number: GT912522

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 8.1

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Cd (1.1) Se (.4)
Pb (6.9) Ag (.07)
TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2523
Date Sampled: 6 Aug 91
Base Sample Number: GT912523

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 93.2
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Hydrocarbons (79)
Alkyl Benzenes (14)
Toluene, Ethylbenzene and Xylene(7)
Total Organic Halides (%): <0.02

Energy Recovery

Total Metals (mg/L):

Pb (2)

Ar (1)

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2524
Date Sampled: 7 Aug 91
Base Sample Number: GT912524

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <60.8
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Hydrocarbons (89)
2-Hexanone (5) Benzyl Butyl Phthalate (2)
Toluene (3) Ethyl Cellolouse (1)
Total Organic Halides: .21 %

Energy Recovery

Total Metals (mg/L):
Cd (.2) Ar (3)
Pb (1100)
Cr (530)
PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☒ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2525
Date Sampled: 6 Aug 91
Base Sample Number: GT912525

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 98.6
Reactivity (mg/L) Not reactive
Corrosivity (pH) 7.9

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Methyl ethyl ketone (980)

Cresol (Total) (3)

Major Components (%):

H2O (50)

Methyl Propanol (29.5)

2-Butanne (13)

Hydrocarbons (2.50)

Methylene Chloride (2)

Toluene (1)

Acetone (1)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2527, 28
Date Sampled: 6 Aug 91
Base Sample Number: GT912527

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 5.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Pb (.5)
Ag (.03)
TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2529
Date Sampled: 6 Aug 91
Base Sample Number: GT912529

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not reactive
Corrosivity (pH) 8.7

TEST PERFORMED:

TCLP-Metals (mg/L):
Cd (.2)

ANALYTICAL RESULTS:

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Soil and Vermiculite (95)

PHydrocarbons (5)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2531
Date Sampled: 6 Aug 91
Base Sample Number: GT912531

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 96.8
Reactivity (mg/L) Not reactive
Corrosivity (pH) 5.6

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (.7) Pb (.6) Ag (.1)
Cr (.2) Se (1)
TCLP-Volatiles (mg/L):
Benzene (1.1)
Mehtyl ethyl ketone (4.7)
Cresol (Total) (20)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

2,4-Dinitrotoluene, Hexachloroethane and Pentachlorophenol can not be reported due to 0% recovery in the matrix spike sample

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2532
Date Sampled: 6 Aug 91
Base Sample Number: GT912532

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <68
Reactivity (mg/L) Not performed
Corrosivity (pH) 6.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (.1) Cr (1.3) Hg (.08)
Ba (.2) Pb (.3) Ag (.06)
TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Hydrocarbons (38)
Alkyl Benzenes (31)
Toluene, Ethylbenzene and Xylene (23)
Cellosolve Acetate (7)
Unknown Acid Ester (1)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2533
Date Sampled: 6 Aug 91
Base Sample Number: GT912533

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 114.8
Reactivity (mg/L) Not reactive
Corrosivity (pH) 6.8

TEST PERFORMED:

TCLP-Metals (mg/L):

| | | | |
|---------|---------|----------|---------|
| Ar (.3) | Cr (.1) | Hg (.07) | Ag (.1) |
| Ba (.3) | Pb (13) | Se (.7) | |

TCLP-Volatiles (mg/L):

TC (<3)

Major Components (%):

H2O (100)

ANALYTICAL RESULTS:

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

2,4-Dinitrotoluene, Hexachloroethane and Pentachlorophenol can not be reported due to 0% recovery in the matrix spike sample

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2534
Date Sampled: 6 Aug 91
Base Sample Number: GT912534

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 114.8
Reactivity (mg/L) Not performed
Corrosivity (pH) 6.9

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.8) Pb (1)
Cr (.2) Hg (.21)
TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Organic/Paint solid (100):
Hydrocarbons (65)
Alkyl Benzenes (13)
Cellosolve Acetate (10)
Toluene, Ethylbenzene and Xylene(6)
Unknown Acid Ester (5)
Butyl Cellosolve Acetate (1)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2535
Date Sampled: 6 Aug 91
Base Sample Number: GT912535

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 96.8
Reactivity (mg/L) Not performed
Corrosivity (pH) 7.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (3.6) Pb (1.5) Se (.2)
Cr (1) Hg (.04) Ag (.11)
TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Aky1 Benezenes (50)
Hydrocarbons (44)
Toluene, Ethylbenzene and Xylene(5)
Unknowns (1)
Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2536
Date Sampled: 6 Aug 91
Base Sample Number: GT912536

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 134.6
Reactivity (mg/L) Not reactive
Corrosivity (pH) 13.2

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Pb (29) Ag (.03)
Cr (18)
TCLP-Volatiles (mg/L): Not performed

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☒ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2537
Date Sampled: 6 Aug 91
Base Sample Number: GT912537

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Hydrocarbons (100)

Total Organic Halides (mg/L): None detected

Energy Recovery
Total Metals (mg/L): None detected

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2538
Date Sampled: 6 Aug 91
Base Sample Number: GT912538

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 13.4

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (.5) Se (.6)
Pb (.2)
TCLP-Volatiles (mg/L): Not performed

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☒ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2539
Date Sampled: 5 Aug 91
Base Sample Number: GT912539

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 71.6
Reactivity (mg/L) Not reactive
Corrosivity (pH) 9.4

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Benzene (.05)
Mehtyl ethyl ketone (1.2)
Cresol (Total) (<3)

Major Components (%):

Hydrocarbons (98)
Xylenes (2)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2540
Date Sampled: 6 Aug 91
Base Sample Number: GT912540

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 125.6
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

2-Butoxy Ethanol (98)

Alkyl Benzene and Toluene (2)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): None detected

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2542
Date Sampled: 6 Aug 91
Base Sample Number: GT912542

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 68
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Organic (100): Hydrocarbons (73)
Toluene, Ethylbenzene and Xylene(14)
Propanoic Acid, 2- Mehtyl Propal Ester (13)

Total Organic Halides (mg/L): None detected

Energy Recovery

Total Metals (mg/L): None detected

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2544
Date Sampled: 6 Aug 91
Base Sample Number: GT912544

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Organic (100): Hydrocarbons (95)
BIS Dimethyl Phenols (5)

Total Organic Halides (mg/L): None detected

Energy Recovery

Total Metals (mg/L): None detected

PCB (mg/Kg):

Aroclor 1260 (10)

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2546
Date Sampled: 7 Aug 91
Base Sample Number: GT912546

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 8.2

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (.5) Ag (.08)
Cd (.82)
Pb (9.1)
Se (.4)

TCLP-Volatiles (mg/L):
Total Cresol (<1)

Major Components (%):
H2O (<100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2547
Date Sampled: 6 Aug 91
Base Sample Number: GT912547

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 6.9

TEST PERFORMED:

TCLP-Metals (mg/L):
Se (.1)
Ag (.03)
TCLP-Volatiles (mg/L):
Total Cresol (<1)

Major Components (%):
H2O (100)

ANALYTICAL RESULTS:

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2548
Date Sampled: 6 Aug 91
Base Sample Number: GT912548

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 6.2

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ag (.04)

TCLP-Volatiles (mg/L):
Total Cresol (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2550
Date Sampled: 6 Aug 91
Base Sample Number: GT912550

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <60.8
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Alkyl Naphthalene (87)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L):
Cd (1.7)
Pb (1)

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2551
Date Sampled: 6 Aug 91
Base Sample Number: GT912551

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Hydrocarbons (98)

Toluene (2)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L):

Cd (1)

Pb (7)

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2552
Date Sampled: 6 Aug 91
Base Sample Number: GT912552

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 5.8

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Benzene (.13)

Cresol (Total) (2)

Major Components:

THydrocarbons 196 mg/g

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2553
Date Sampled: 6 Aug 91
Base Sample Number: GT912553

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 57.2
Reactivity (mg/L) Not reactive
Corrosivity (pH) 6.0

TEST PERFORMED:

TCLP-Metals (mg/L):
Se (.2)

TCLP-Volatiles (mg/L):
Benzene (.9)
Cresol (Total) (14)
Major Components (%):
H2O (100)

ANALYTICAL RESULTS:

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

2,4-Dinitrotoluene, Hexachloroethane and Pentachlorophenol can not be reported due to 0% recovery in the matrix spike sample

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2554
Date Sampled: 6 Aug 91
Base Sample Number: GT912554

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Hydrocarbons (88)
Alkyl Naphthalenes (12)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2701
Date Sampled: 6 Aug 91
Base Sample Number: GT912701

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 8.0

TEST PERFORMED:

TCLP-Metals (mg/L):
Pb (1)

ANALYTICAL RESULTS:

TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Hydrocarbons (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 27020304
Date Sampled: 7 Aug 91
Base Sample Number: GT912702

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 5.3

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.6) Ag (.09)
Pb (.3)
TCLP-Volatiles (mg/L):
Total cresol (<3)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2705, 06, 07
Date Sampled: 6 Aug 91
Base Sample Number: GT912705

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 7.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.2)
Ag (.04)
TCLP-Volatiles (mg/L):
Benzene (.04)
Cresol (Total) (<1)
Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2708
Date Sampled: 6 Aug 91
Base Sample Number: GT912708

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 13.1

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (.2)
Pb (.1)
TCLP-Volatiles (mg/L): Not performed

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☒ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2709
Date Sampled: 6 Aug 91
Base Sample Number: GT912709

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Hydrocarbons (94)
Dimethyl Ethyl Pyridine (3)
Toluene (2)
Dimethyl Ethyl Phenol (1)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2710
Date Sampled: 6 Aug 91
Base Sample Number: GT912710

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 13.3

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Se (.1) Pb (.2)
Ag (.06)
TCLP-Volatiles (mg/L): Not performed

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☒ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2711
Date Sampled: 7 Aug 91
Base Sample Number: GT912711

ANALYSIS REQUESTED:

| | |
|---------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u> </u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 8.1

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Hydrocarbons (90)
Alkyl Napthalenes (10)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive TCLP Toxic
 ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2712
Date Sampled: 6 Aug 91
Base Sample Number: GT912712

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Hydrocarbons (57)
Hexadecanoic acid (17)
Hexadeconoic acid (9)
Unknowns/unknown acids (12)
Tetradecanoic acid (5)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2713
Date Sampled: 6 Aug 91
Base Sample Number: GT9 2713

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Hydrocarbons (100)

Total Organic Halides (%): .02

Energy Recovery
Total Metals (mg/L):
Cd (1.1)
Pb (19)

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2714
Date Sampled: 6 Aug 91
Base Sample Number: GT912714

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 7.6

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (1.2) Cr (.2) Se (1.8)
Cd (.35) Pb (13) Ag (.15)
TCLP-Volatiles (mg/L):
Total Cresol (<30)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

2,4-Dinitrotoluene, Hexachloroethane and Pentachlorophenol can not be reported due to 0% recovery in the matrix spike sample

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2715
Date Sampled: 6 Aug 91
Base Sample Number: GT912715

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 5.3

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Mehtyl ethyl ketone (20)

Benezene (9.2)

Cresol (Total) (<1)

Major Components (%):

H2O (60)

Organic (40): Hydrocarbons (89)

Akayl Naphthalenes (11)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2716
Date Sampled: 6 Aug 91
Base Sample Number: GT912716

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 7.4

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (1.0) Cd (0.09) Pb (4.2) Ag (0.11)
Ba (9.5) Cr (0.2) Se (1.9)
TCLP-Volatiles (mg/L):
Mehtyl ethyl ketone (0.8)
Cresol (Total) (<3)
Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

2,4 Dinitrotoluene, Hexachloroehtane and Pentachlorophenol can not be reported due to 0% recovery in the matrix spike sample

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2717
Date Sampled: 7 Aug 91
Base Sample Number: GT912717

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not performed
Corrosivity (pH) 8.3

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Se (.1) Pb (.2)
Ba (.1) Ag (.1)
TCLP-Volatiles (mg/L):
Total Cresol (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2718
Date Sampled: 7 Aug 91
Base Sample Number: GT912718

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <77
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Hydrocarbons (89)
Toluene (6)
Unknown ketone (3)
Xylenes and Ethyl Benzene (2)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2720
Date Sampled: 7 Aug 91
Base Sample Number: GT912720

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 8.3

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Benzene (2600)
Mehtyl ethyl ketone (2000)
Cresol (Total) (<30)

Major Components (%):

Hydrocarbons (51)
Xylene and Ethyl Benzene (20)
Toluene (14)
Alkyl Benzenes (12)
Alkyl Naphthalenes (3)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2721, 30
Date Sampled: 7 Aug 91
Base Sample Number: GT912721

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 136.4
Reactivity (mg/L) Not reactive
Corrosivity (pH) 7.6

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (1.2) Cd (.17) Pb (9.5) Ag (.19)
Ba (2.1) Cr (.3) Se (2.4)
TCLP-Volatiles (mg/L):
Mehtyl ethyl ketone (7.3)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2722
Date Sampled: 7 Aug 91
Base Sample Number: GT912722

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 6.5

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.5)
Se (.4)
TCLP-Volatiles (mg/L):
Mehtyl ethyl ketone (.7)
Cresol (Total) (<1)
Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2723, 26
Date Sampled: 7 Aug 91
Base Sample Number: GT912723

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 7.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (69) Ag (.5)
Pb (2)
TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Hydrocarbons (99)
Misc (1)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2724
Date Sampled: 7 Aug 91
Base Sample Number: GT912724

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 8.4

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (.9) Se (1.1)
Ba (.5)
TCLP-Volatiles (mg/L): None detected

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2725
Date Sampled: 7 Aug 91
Base Sample Number: GT912725

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 118.4
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Hydrocarbons (53)
Toluene, Ethylbenzene and Xylene(23)
Cellosolve Acetates (11)
Alkyl Benzenes (10)
Alkyl Naphthlines (3)
Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L):

Cd (.5)

Pb (7)

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHENYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2726
Date Sampled: 7 Aug 91
Base Sample Number: GT912726

ANALYSIS REQUESTED:

| | |
|---------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 10.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (.4) Cd (.05) Pb (.5) Ag (.06)
Ba (.1) Cr (.2) Se (1.2)

TCLP-Volatiles (mg/L):
Cresol (Total) (<50)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive x TCLP Toxic
 ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2727
Date Sampled: 7 Aug 91
Base Sample Number: GT912727

ANALYSIS REQUESTED:

| | |
|---------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 8.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):

H2O (95)

Hydrocarbons (5)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive TCLP Toxic
 ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2728
Date Sampled: 7 Aug 91
Base Sample Number: GT912728

ANALYSIS REQUESTED:

| | | | |
|-------------------------------------|------------------|-------------------------------------|------------------------|
| <input type="checkbox"/> | Flash Point (FP) | <input checked="" type="checkbox"/> | Major Components(%) |
| <input type="checkbox"/> | Reactivity (Rx) | <input type="checkbox"/> | Halogens |
| <input checked="" type="checkbox"/> | Corrosivity (pH) | <input type="checkbox"/> | Energy Recovery-Metals |
| <input checked="" type="checkbox"/> | TCLP-Metals | <input type="checkbox"/> | PCB |
| <input type="checkbox"/> | TCLP-Volatiles | <input type="checkbox"/> | Other |

PHYSICAL CHARACTERISTIC OF WASTE:

| | |
|------------------------|---------------|
| Flash Point (degree F) | Not performed |
| Reactivity (mg/L) | Not performed |
| Corrosivity (pH) | 6.9 |

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (.1) Cr (.9) Ag (.09)
Ba (1.2) Pb (3.8)
TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Organic Paint Solid (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2729
Date Sampled: 7 Aug 91
Base Sample Number: GT912729

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <62.6
Reactivity (mg/L) Not reactive
Corrosivity (pH) 8.3

TEST PERFORMED:

TCLP-Metals (mg/L):
Ba (2)

ANALYTICAL RESULTS:

TCLP-Volatiles (mg/L):
Cresol (Total) (<30)

Major Components (%):

H2O (80)
Organic (20): Methoxyethoxy Ethoxyethanol (40)
Methoxyethoxy Ehtanol (26)
Butoxyethoxy Ethonal (16)
Cellosoloves (16)
Methylene Chloride (1)
Unknown (1)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2732
Date Sampled: 7 Aug 91
Base Sample Number: GT912732

ANALYSIS REQUESTED:

| | |
|---|---|
| <input type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Hydrocarbons (82)
Akyale Benzenes (14)
Akyale Naphththalenes (3)
Naphthalenes (1)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2733
Date Sampled: 7 Aug 91
Base Sample Number: GT912733

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 6.8

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ag (.07)

TCLP-Volatiles (mg/L):
Total Cresol (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2735
Date Sampled: 7 Aug 91
Base Sample Number: GT912735

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <60.8
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Hydrocarbons (91)

Toluene (5)

Xylenes and Ethylbenzene (4)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2736
Date Sampled: 7 Aug 91
Base Sample Number: GT912736

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 10.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (.4) Cd (.05) Pb (.5) Ag (.06)
Ba (.1) Cr (.2) Se (1.2)
TCLP-Volatiles (mg/L):
Cresol (Total) (15)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

2,4 Dinitrotoluene, Hexachloroethane and Pentachlorophenol can not be reported due to 0% recovery in the matrix spike sample

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REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2737
Date Sampled: 7 Aug 91
Base Sample Number: GT912737

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <68
Reactivity (mg/L) Not performed
Corrosivity (pH) 5.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.7) Pb (.01)
Cr (21) Se (1.7)
TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Organic Paint Solid (100):
Toluene, Ethylbenzene and Xylene(44)
Methyl Propyl Acetic Acid Ester (25)
Hydrocarbons (17)
4-Methyl-2Pentanone (4)
Cellosolve Acetate (4)
Aklyl Benzene (3)
Unknown Acid Ester (3)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2738
Date Sampled: 7 Aug 91
Base Sample Number: GT912738

ANALYSIS REQUESTED:

| | |
|---------------------------|------------------------------|
| <u>X</u> Flash Point (FP) | <u>X</u> Major Components(%) |
| <u>X</u> Reactivity (Rx) | ___ Halogens |
| <u>X</u> Corrosivity (pH) | ___ Energy Recovery-Metals |
| <u>X</u> TCLP-Metals | ___ PCB |
| <u>X</u> TCLP-Volatiles | ___ Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <60.8
Reactivity (mg/L) Not reactive
Corrosivity (pH) 4.4

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Methyl ethyl ketone (30000)

Cresol (Total) (<1)

Major Components (%):

H2O (60)

Organic (40): Methyl Propyl Ester, Acetic Acid (35)

Toluene (25)

Hydrocarbons (21)

2-Butanone (7)

Unknown Ketone (7)

Isopropal Alchol (5)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

___ Corrosive X Ignitable ___ Reactive X TCLP Toxic
___ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS
SHEMYA AFB, AK

GENERAL INFORMATION:

Location (base/bldg): Waste Accumulation Point
Drum Number/s: 2739
Date Sampled: 7 Aug 91
Base Sample Number: GT912739

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 86
Reactivity (mg/L) ND
Corrosivity (pH) 7.6

TEST PERFORMED :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):

Ba: 1.9 Hg: 1.3
Cr: 0.2 Ag: 0.05

Pb: 1.9

TCLP-Volatiles (mg/L):

Benzene: 0.1

Major Components (%):

Organic: 100%

Total Organic Halides (%):

Not Performed

Energy Recovery

Total Metals (mg/L):

Not Performed

PCB (mg/Kg):

Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2740
Date Sampled: 7 Aug 91
Base Sample Number: GT912740

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 7.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.2) Pb (.2)
Cd (.06) Ag (.09)
TCLP-Volatiles (mg/L):
Trichloroethylene (.07)
Cresol (Total) (<1)
Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2541
Date Sampled: 7 Aug 91
Base Sample Number: GT912541

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 122
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Hydrocarbons (>95)

Acid or Ester (<5)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

Unable to perform TCLP metal analysis due to matrix interferences

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2741
Date Sampled: 7 Aug 91
Base Sample Number: GC912741

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <68
Reactivity (mg/L) Not performed
Corrosivity (pH) 6.2

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (1.0) Cr (12)
Cd (0.22) Hg (0.11)
TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Organ Paint Solids (100): Hydrocarbons (54)
Toluene, Ethylbenzene and Xylene(27)
4-methyl-2-pentanone (12)
Alkyl Benzene (7)

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS
SHEMYA AFB, AK

GENERAL INFORMATION:

Location (base/bldg): Waste Accumulation Point
Drum Number/s: 2743
Date Sampled: 7 Aug 91
Base Sample Number: GT91 2743

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 140
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED :

TCLP-Metals (mg/L):
Not Performed

ANALYTICAL RESULTS:

TCLP-Volatiles (mg/L):
Not Performed

Major Components (%):

Hydrocarbons: 90%
Alkyl Naphthalenes: 10%

Total Organic Halides (%): 0.05

Energy Recovery

Total Metals (mg/L):

Pb: 1.0

PCB (mg/Kg):

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2744
Date Sampled: 7 Aug 91
Base Sample Number: GT912744

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 102.2
Reactivity (mg/L) Not reactive
Corrosivity (pH) 13.6

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (.4) Ag (.16)
Ba (.1) Se (1)
TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☒ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

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BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2745
Date Sampled: 7 Aug 91
Base Sample Number: GT912745

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 138.2
Reactivity (mg/L) Not reactive
Corrosivity (pH) 10.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (0.4) Cr (.2) Se (0.6)
Cd (.07) Pb (0.6) Ag (.17)
TCLP-Volatiles (mg/L):
Mehtyl ethyl ketone (6.5)
Cresol (Total) (30)
Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

2,4 Dinitrotoluene, Hexachloroehtane and Pentachlorophenol can not be reported due to 0% recovery in the matrix spike sample

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMZA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2746
Date Sampled: 7 Aug 91
Base Sample Number: GT912746

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 7.4

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (1.7)
Cd (.07)
TCLP-Volatiles (mg/L):
Carbon Tetrachloride (0.03)
Cresol (Total) (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2747
Date Sampled: 7 Aug 91
Base Sample Number: GT912747

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 6.6

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (0.1)

TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS
SHEMYA AFB, AK

GENERAL INFORMATION:

Location (base/bldg): Waste Accumulation Point
Drum Number/s: 2748
Date Sampled: 7 Aug 91
Base Sample Number: GT912748

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 140
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED :

TCLP-Metals (mg/L):
Not Performed

ANALYTICAL RESULTS:

TCLP-Volatiles (mg/L):
Not Performed

Major Components (%):
Hydrocarbons: 100%

Total Organic Halides (%):
None Detected

Energy Recovery
Total Metals (mg/L):
Cd: 1.4 Cr: 5.0
Pb: 23.0
PCB (mg/Kg):
None Detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corfusive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SBEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2749
Date Sampled: 7 Aug 91
Base Sample Number: GT912749

ANALYSIS REQUESTED:

| | |
|---|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):

Benzene (0.12)

Cresol (Total) (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

Unable to analyze for pH

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2751
Date Sampled: 7 Aug 91
Base Sample Number: GT912751

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 6.4

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCF (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2752
Date Sampled: 7 Aug 91
Base Sample Number: GT912752

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) NR #
Corrosivity (pH) 8.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

#- Cyanide less than 500 mg/kg, unable to determine limit due to interference peaks. Sulfide <1000 also has interference peaks.

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2753
Date Sampled: 7 Aug 91
Base Sample Number: GT912753

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) NR #
Corrosivity (pH) 5.9

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.9)

TCLP-Volatiles (mg/L):
Mehtyl ethyl ketone (1.4)
Nitrobenzene (.61)
Cresol (Total) (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

#- Cynde less than 500 mg/kg, unable to determine limit due to interference peaks. Sulfide <1000 also has interference peaks.

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2754
Date Sampled: 7 Aug 91
Base Sample Number: GT912754

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <68
Reactivity (mg/L) Not performed
Corrosivity (pH) 6.8

TEST PERFORMED:

TCLP-Metals (mg/L):
Ba (.3)

ANALYTICAL RESULTS:

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Toluene, Xylenes and Ethylbenzene (59)
Propanoic Acid, Ethoxy Ethyl Ester (26)
Methyl Pentanone (6)
Hydrocarbons (5)
Acetic Acid Ester (4)
Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2755, 56
Date Sampled: 7 Aug 91
Base Sample Number: GT912755

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Hydrocarbons (100)

Total Organic Halides (%): <0.02

Energy Recovery
Total Metals (mg/L):
Ar (1)
Pb (2)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2757
Date Sampled: 6 Aug 91
Base Sample Number: GT912757

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 7.5

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (0.3) Cr (0.07) Se (0.6)
Cd (0.06) Pb (0.6) Ag (0.24)
TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2759
Date Sampled: 7 Aug 91
Base Sample Number: GT912759

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 7.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.3)

TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2760
Date Sampled: 6 Aug 91
Base Sample Number: GT912760

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 89.6
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Pb (29) Ag (.03)
Cr (18)
TCLP-Volatiles (mg/L): Not performed

Major Components (%):
Hydrocarbons (81)
Toluene, Ethylbenzene and Xylene(11)
Akayl Benzenes (6)
Octadecanoic Acid Methyl Ester (2)
Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2762
Date Sampled: 6 Aug 91
Base Sample Number: GT912762

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <62.6
Reactivity (mg/L) Not reactive
Corrosivity (pH) 5.5

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (0.1) Ag (.12)
Pb (0.3)
TCLP-Volatiles (mg/L):
Benzene (.29)
Mehtyl ethyl ketone (1.3)
Cresol (Total) (<5)
Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

2,4 Dinitrotoluene, Hexachloroehtane and Pentachlorophenol can
not be reported due to 0% recovery in the matrix spike sample

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2763
Date Sampled: 7 Aug 91
Base Sample Number: GT912763

ANALYSIS REQUESTED:

| | | |
|---|---------------------------------------|------------------------|
| <input type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> x | Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> | Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> | Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> | PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> | Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not performed
Corrosivity (pH) Not performed

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not performed

TCLP-Volatiles (mg/L): Not performed

Major Components (%):

Hydrocarbons (82)
Alkyl Naphthalenes (10)
Alkyl Benzenes (5)
Toluenes and Xylenes (3)
Total Organic Halides (mg/L): Not performed

Energy Recovery

Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2764
Date Sampled: 6 Aug 91
Base Sample Number: GT912764

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 10.5

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ar (.4) Se (.9)
Pb (.3) Ag (.06)
TCLP-Volatiles (mg/L): Not performed
Cresol (Total) (<5)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

2,4-Dinitrotoluene, Hexachloroethane and Pentachlorophenol can not be reported due to 0% recovery in the matrix spike sample

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS
SHEMYA AFB, AK

GENERAL INFORMATION: Bldg 3055
Location (base/bldg): Waste Accumulation Point
Drum Number/s: 2765
Date Sampled: 7 Aug 91
Base Sample Number: GT91 2765

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 134.6
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST PERFORMED :

TCLP-Metals (mg/L):

* Not Performed

ANALYTICAL RESULTS:

*TCLP-Volatiles (mg/L):

Not Performed

Major Components (%):

Hydrocarbons: 79%
Alkyl Naphthalenes: 16%
Alkyl Benzenes: 5%

Total Organic Halides (%):

None Detected

Energy Recovery

Total Metals (mg/L):

None Detected

PCB (mg/Kg):

None Detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

* Quantity not sufficient for analysis

Note: Analysis performed for Energy Recovery and TCLP. Test failed for TCLP only.

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2768
Date Sampled: 7 Aug 91
Base Sample Number: GT912768

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 8.0

TEST PERFORMED:

TCLP-Metals (mg/L):
Ba (.4) Pb (.2)
Cd (.06) Ag (.02)

TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%): Sample is soil

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg):
Aroclor 1248 (27)

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2769
Date Sampled: 7 Aug 91
Base Sample Number: GT912769

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 3.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg, L):
Ba (.9)
Pb (.1)
TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

Nitrobenzene can not be reported due to 0% recovery in the matrix spike sample.

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2770
Date Sampled: 7 Aug 91
Base Sample Number: GT912770

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 6.9

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.3)
Pb (.2)
TCLP-Volatiles (mg/L):
Cresol (Total) (<1)
Total Hydrocarbons (27.2 mg/g)
Major Components (%): Sample is soil

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg):
Aroclor 1242 (28)
Aroclor 1254 (7.6)

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2771
Date Sampled: 7 Aug 91
Base Sample Number: GT912771

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 6.5

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (2.7) Se (.1)
Pb (.1) Ag (.1)
TCLP-Volatiles (mg/L): Not performed
Cresol (Total) (<1)

Major Components (%):
H2O (80)
Paint solids (20)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): Not performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2772
Date Sampled: 8 Aug 91
Base Sample Number: GT912772

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 9.5

TEST PERFORMED:

TCLP-Metals (mg/L):
Ba (1.2) Pb (.5)
Cr (.2)
TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

ANALYTICAL RESULTS:

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2773
Date Sampled: 9 Aug 91
Base Sample Number: GT912773

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >140
Reactivity (mg/L) Not reactive
Corrosivity (pH) 7.5

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP -Metals (mg/L):
Ar (.5) Cd (.32) Pb (.4) Ag (.22)
Ba (.4) Cr (.2) Se (.6)
TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%):
H2O (100)

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

Nitrobenzene can not be reported due to 0% recovery of matrix spike sample.

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2774
Date Sampled: 8 Aug 91
Base Sample Number: GC912774

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 9.5

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (1.2) Cr (.4)
Cd (.09) Se (.1)
TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2775, 76
Date Sampled: 8 Aug 91
Base Sample Number: GT912775

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 5.7

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.3)
Ag (.03)
TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2777
Date Sampled: 8 Aug 91
Base Sample Number: GT912777

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 5.7

TEST PERFORMED:

TCLP-Metals (mg/L):
Ar (.1) Pb (.2)
Ba (.2) Ag (.08)
TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

ANALYTICAL RESULTS:

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
SHEMYA AFB, AK

GENERAL INFORMATION

Location (bldg): 3055
Drum Number/s: 2778
Date Sampled: 8 Aug 91
Base Sample Number: GT912778

ANALYSIS REQUESTED:

| | |
|--|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not performed
Reactivity (mg/L) Not reactive
Corrosivity (pH) 7.0

TEST PERFORMED:

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (.2) Ag (.05)
Pb (.5)
TCLP-Volatiles (mg/L):
Cresol (Total) (<1)

Major Components (%): Not performed

Total Organic Halides (mg/L): Not performed

Energy Recovery
Total Metals (mg/L): Not performed

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☐ ER Criteria Exceeded

COMMENTS:

APPENDIX E
Galena Airport Waste Characterization Results

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2570
Date Sampled: 6 Aug 91
Base Sample Number: GT912570

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Performed
Corrosivity (pH) 5.4

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):

Top (2): >99% Petroleum Hydrocarbons

Bottom (98): 98% H2O, 2% Petroleum Hydrocarbons

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2571
Date Sampled: 6 Aug 91
Base Sample Number: GT912571

ANALYSIS REQUESTED:

| | |
|---|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2572
Date Sampled: 6 Aug 91
Base Sample Number: GT912572

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed : ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2573
Date Sampled: 6 Aug 91
Base Sample Number: GT912573

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2574
Date Sampled: 6 Aug 91
Base Sample Number: GT912574

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Performed
Corrosivity (pH) 7.2

TEST Performed : ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
(83) H2O
(17) Ethylene Glycol

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2575
Date Sampled: 6 Aug 91
Base Sample Number: GT912575

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Performed
Corrosivity (pH) 6.5

TEST Performed : ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Top: (5) >99% Petroleum Hydrocarbons

Bottom (95) >99% H2O

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2576
Date Sampled: 6 Aug 91
Base Sample Number: GT912576

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Performed
Corrosivity (pH) 6.8

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Top(5): >99% Petroleum Hydrocarbons

Bottom (95): >99 H2O

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2578
Date Sampled: 6 Aug 91
Base Sample Number: GT912578

ANALYSIS REQUESTED:

| | |
|---|---|
| <input type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input checked="" type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (ug/kg): Not Performed

BTEX (EPA 8020 Method used)

| | | | |
|---------|-----|---------------|-----|
| Benzene | 400 | Ethyl-Benzene | 400 |
| Toluene | 900 | Xylene | .8 |

Major Components (mg/g):

Total Hydrocarbons (68.5)

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2579
Date Sampled: 6 Aug 91
Base Sample Number: GT912579

ANALYSIS REQUESTED:

| | |
|---|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input checked="" type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Hydrocarbons (mg/g): 2.76

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2580
Date Sampled: 6 Aug 91
Base Sample Number: GT912580

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Non reactive
Corrosivity (pH) 12.8

TEST Performed : ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☒ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2581
Date Sampled: 6 Aug 91
Base Sample Number: GT912581

ANALYSIS REQUESTED:

| | |
|------------------------------|--------------------------------------|
| <u>X</u> Flash Point (FP) | <u>X</u> Major Components(%) |
| <u>X</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>X</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>X</u> TCLP-Metals | <u> </u> PCB |
| <u> </u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Non reactive
Corrosivity (pH) 7.8

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Top (95): 97% Petroleum Hydrocarbons, 3% H2O
Bottom (5): 99% H2O

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive X Ignitable Reactive TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2582
Date Sampled: 6 Aug 91
Base Sample Number: GT912582

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

94% H2O

6% Inorganic Solids

Total Organic Halides:

0.0014%

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2586
Date Sampled: 6 Aug 91
Base Sample Number: GT912586

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Non reactive
Corrosivity (pH) 8.7

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
H2O (>99)

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2583
Date Sampled: 6 Aug 91
Base Sample Number: GT912583

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Non reactive
Corrosivity (pH) 7.5

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Pb 0.9
Others None detected
TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
H2O (79)
Ethylene Glycol (21)

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2584
Date Sampled: 6 Aug 91
Base Sample Number: GT912584

ANALYSIS REQUESTED:

| | |
|------------------------------|--------------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u> </u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Non reactive
Corrosivity (pH) 7.4

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

H2O (57)

Ethylene Glycol (43)

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2587
Date Sampled: 6 Aug 91
Base Sample Number: GT912587

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Non reactive
Corrosivity (pH) 7.7

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Top (5): >99 Petroleum Hydrocarbons

Bottom (95): H2O (98), Petroleum Hydrocarbons (2)

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2585
Date Sampled: 6 Aug 91
Base Sample Number: GT912585

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Non reactive
Corrosivity (pH) 5.8

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Top (80): Petroleum Hydrocarbons >99

Bottom (20): H2O >99

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2588
Date Sampled: 6 Aug 91
Base Sample Number: GT912588

ANALYSIS REQUESTED:

| | |
|------------------------------|--------------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u> </u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Non reactive
Corrosivity (pH) 6.0

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
H2O >99

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2589
Date Sampled: 6 Aug 91
Base Sample Number: GT912589

ANALYSIS REQUESTED:

| | |
|---------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u> </u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Non reactive
Corrosivity (pH) 7.6

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Top (3): >99 Petroleum Hydrocarbons
Bottom (97): H2O (85), Ethylene Glycol (15)

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2590
Date Sampled: 6 Aug 91
Base Sample Number: GT912590

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Non reactive
Corrosivity (pH) 5.6

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Pb (.5)

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
H2O >99

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2591
Date Sampled: 6 Aug 91
Base Sample Number: GT912591

ANALYSIS REQUESTED:

| | |
|---|--|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed : ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

**OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK**

GENERAL INFORMATION

| | |
|---------------------|------------------------|
| Location (bldg): | <u>CES Power Plant</u> |
| Drum Number/s: | <u>2592</u> |
| Date Sampled: | <u>6 Aug 91</u> |
| Base Sample Number: | <u>GT912592</u> |

ANALYSIS REQUESTED:

| | |
|---|--|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

| | |
|------------------------|----------------------|
| Flash Point (degree F) | <u>Not Performed</u> |
| Reactivity (mg/L) | <u>Not Performed</u> |
| Corrosivity (pH) | <u>Not Performed</u> |

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2593
Date Sampled: 5 Aug 91
Base Sample Number: GT912593

ANALYSIS REQUESTED:

| | |
|---|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2594
Date Sampled: 6 Aug 91
Base Sample Number: GT912594

ANALYSIS REQUESTED:

| | |
|----------------------------|------------------------------------|
| <u>X</u> Flash Point (FP) | <u>X</u> Major Components(%) |
| <u>X</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>X</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>X</u> TCLP-Metals | <u> </u> PCB |
| <u> </u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Non reactive
Corrosivity (pH) 7.5

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Cd (.1)
Others None detected
TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
H2O (53)
Ethyl Glycol (47)

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2595
Date Sampled: 6 Aug 91
Base Sample Number: GT912595

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Non reactive
Corrosivity (pH) 7.4

TEST Performed :

TCLP-Metals (mg/L):
Cr (5.1)

ANALYTICAL RESULTS:

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
4-Methyl-2-Pentanone (>99)

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2596
Date Sampled: 6 Aug 91
Base Sample Number: GT912596

ANALYSIS REQUESTED:

| | |
|---|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Cd (.1)
Pb (6.8)
TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2597
Date Sampled: 6 Aug 91
Base Sample Number: GT912597

ANALYSIS REQUESTED:

| | |
|---|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2598
Date Sampled: 6 Aug 91
Base Sample Number: GT912598

ANALYSIS REQUESTED:

| | |
|---|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
GALENA AIRPORT, AK

GENERAL INFORMATION

Location (bldg): CES Power Plant
Drum Number/s: 2599
Date Sampled: 6 Aug 91
Base Sample Number: GT912599

ANALYSIS REQUESTED:

| | |
|---|---|
| <input type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

APPENDIX F

King Salmon Airport Waste Characterization Results

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): 5071 CSS Accumulation Point
Drum Number/s: AKN90D0131
Date Sampled: 7 Aug 91
Base Sample Number: GT912554

ANALYSIS REQUESTED:

| | |
|---|---|
| <input type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) Not Performed
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Hydrocarbons (88)

Alkyl-Naphthalenes (12)

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): 5071 CSS Accumulation Point
Drum Number/s: AKN89TD105
Date Sampled: 7 Aug 91
Base Sample Number: GT912555

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 6.54

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Cr (0.5) Hg (0.2)
Pb (2.9)
TCLP-Volatiles (mg/L):
Methyl ethyl ketone (4500)

Major Components (%):

Paint (80)
H2O (20)

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☒ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): 5071 CSS Accumulation Point
Drum Number/s: AKN91T0130
Date Sampled: 7 Aug 91
Base Sample Number: GT912556

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 120
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed : ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Petroleum Hydrocarbons (>99)

Total Organic Halides (%): .00011

Energy Recovery
Total Metals (mg/L): None detected

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): 5071 CSS Accumulation Point
Drum Number/s: AKN90G0076(55G), AKN90F001(25G),
AKN90G00017(55G), AKN90G0077
Date Sampled: 7 Aug 91
Base Sample Number: GC912557

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) 200
Reactivity (mg/L) None Detected
Corrosivity (pH) 6.91

TEST Performed :

TCLP-Metals (mg/L):

None Detected

TCLP-Volatiles (mg/L):

Benzene: 0.3

Major Components (%):

Top Layer (20%): 99% Water

Bottom Layer: (80%): 58% Soil, 38% Water and 4% Petroleum Hydrocarbons

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): 5071 CSS Accumulation Point
Drum Number/s: AKN91D0041
Date Sampled: 7 Aug 91
Base Sample Number: GT912558

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 6.72

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Cr (1.0)
Hg (0.03)
TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Paint (96)
H2O (4)

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): 5071 CSS Accumulation Point
Drum Number/s: AKN91M0135
Date Sampled: 7 Aug 91
Base Sample Number: GT912559

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Non reactive
Corrosivity (pH) 8.7

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Cd (.2)

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Soil (95)

Petroleum Hydrocarbons (5)

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): 5071 CSS Accumulation Point
Drum Number/s: AKN90G0135
Date Sampled: 7 Aug 91
Base Sample Number: GT912560

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Non reactive
Corrosivity (pH) 8.4

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Cd (.2)
Hg (.14)
TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Vermiculite (60)
H2O (35)
Petroleum Hydrocarbons (5)
Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): 5071 CSS Accumulation Point
Drum Number/s: AKN90G0050
Date Sampled: 7 Aug 91
Base Sample Number: GT912561

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Non reactive
Corrosivity (pH) 8.0

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Cd (.1)
Pb (.6)
TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Vermiculite (73)
H2O (25)
Petroleum Hydrocarbons (2)
Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): 5071 CSS Accumulation Point
Drum Number/s: AKN91Z0146
Date Sampled: 7 Aug 91
Base Sample Number: GT912562

ANALYSIS REQUESTED:

| | |
|---------------------------|------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | ___ Halogens |
| <u>x</u> Corrosivity (pH) | ___ Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | ___ PCB |
| <u>x</u> TCLP-Volatiles | ___ Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 5.95

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):
H2O (>99)

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

___ Corrosive ___ Ignitable ___ Reactive ___ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): 5071 CSS Accumulation Point
Drum Number/s: AKN91T0131
Date Sampled: 7 Aug 91
Base Sample Number: GT912563

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 8.35

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): None detected

TCLP-Volatiles (mg/L): None detected

Major Components (%):
H2O (>99)

Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): 5071 CSS Accumulation Point
Drum Number/s: AKN91Z0147
Date Sampled: 7 Aug 91
Base Sample Number: GT9J2564

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Performed
Corrosivity (pH) 6.68

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%): Not Performed

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

Quantity not sufficient for TCLP analysis

OCCUPATIONAL ENVIRONMENTAL HEALTH DIRECTORATE
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REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): 645
Drum Number/s: N/A
Date Sampled: 7 Aug 91
Base Sample Number: GT912565

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) <80
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed :

TCLP-Metals (mg/L):
Cd (.2)

ANALYTICAL RESULTS:

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):

Petroleum Hydrocarbons (>99)

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☒ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

Waste stream: Naphtha Aliphatic

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BROOKS AIR FORCE BASE, TEXAS 78235-5000
REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): Transportation/Maint Shop
Drum Number/s: AKN91T0168
Date Sampled: 7 Aug 91
Base Sample Number: GT912566

ANALYSIS REQUESTED:

| | |
|--|---|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input checked="" type="checkbox"/> Reactivity (Rx) | <input type="checkbox"/> Halogens |
| <input checked="" type="checkbox"/> Corrosivity (pH) | <input type="checkbox"/> Energy Recovery-Metals |
| <input checked="" type="checkbox"/> TCLP-Metals | <input type="checkbox"/> PCB |
| <input checked="" type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 7.63

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
Ba (13) Cr (0.8)
Cd (0.9) Pb (22)
TCLP-Volatiles (mg/L):
Benzene (11)
Methyl ethyl ketone (42)
o-Cresol (0.6)
Major Components (%):
Top (30): Petroleum Hydrocarbons (>99)
Bottom (70): Ethylene glycol (60)
H2O (40)
Total Organic Halides (mg/L): Not Performed

Energy Recovery
Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☒ TCLP Toxic

COMMENTS:

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REPORT OF LABORATORY ANALYSIS FOR
KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): Spec Purpose Shop/149
Drum Number/s: AKN91P0072
Date Sampled: 7 Aug 91
Base Sample Number: GT912567

ANALYSIS REQUESTED:

| | |
|---|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (R _x) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed : ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Petroleum Hydrocarbons (>99)

Total Organic Halides (%): 0.00021

Energy Recovery
Total Metals (mg/L):
Cd (4.2)
Pb (13)
Cr (1.9)
PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic

COMMENTS:

Cd Exceeded limits

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KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): Special Purpose/149
Drum Number/s: AKN91P0054
Date Sampled: 7 Aug 91
Base Sample Number: GT912568

ANALYSIS REQUESTED:

| | |
|--|--|
| <input checked="" type="checkbox"/> Flash Point (FP) | <input checked="" type="checkbox"/> Major Components(%) |
| <input type="checkbox"/> Reactivity (Rx) | <input checked="" type="checkbox"/> Halogens |
| <input type="checkbox"/> Corrosivity (pH) | <input checked="" type="checkbox"/> Energy Recovery-Metals |
| <input type="checkbox"/> TCLP-Metals | <input checked="" type="checkbox"/> PCB |
| <input type="checkbox"/> TCLP-Volatiles | <input type="checkbox"/> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Performed
Corrosivity (pH) Not Performed

TEST Performed : ANALYTICAL RESULTS:

TCLP-Metals (mg/L): Not Performed

TCLP-Volatiles (mg/L): Not Performed

Major Components (%):
Petroleum Hydrocarbons (>99)

Total Organic Halides (%): .00015

Energy Recovery
Total Metals (mg/L):
Cd (5.7) Cr (4.5)
Pb (32)

PCB (mg/Kg): None detected

HAZARDOUS WASTE CHARACTERISTICS:

☐ Corrosive ☐ Ignitable ☐ Reactive ☐ TCLP Toxic
☒ Energy Recovery Criteria Exceeded

COMMENTS:

Waste stream: waste oil, gas

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KING SALMON AIRPORT, AK

GENERAL INFORMATION

Location (bldg): 5099 Work Yard
Drum Number/s: N/A
Date Sampled: 7 Aug 91
Base Sample Number: GT912569

ANALYSIS REQUESTED:

| | |
|---------------------------|-----------------------------------|
| <u>x</u> Flash Point (FP) | <u>x</u> Major Components(%) |
| <u>x</u> Reactivity (Rx) | <u> </u> Halogens |
| <u>x</u> Corrosivity (pH) | <u> </u> Energy Recovery-Metals |
| <u>x</u> TCLP-Metals | <u> </u> PCB |
| <u>x</u> TCLP-Volatiles | <u> </u> Other |

PHYSICAL CHARACTERISTIC OF WASTE:

Flash Point (degree F) >200
Reactivity (mg/L) Not Reactive
Corrosivity (pH) 8.91

TEST Performed :

ANALYTICAL RESULTS:

TCLP-Metals (mg/L):
 Cr (0.9)
 Pb (2.9)
TCLP-Volatiles (mg/L): None detected

Major Components (%):

 Top (20): Petroleum Hydrocarbons (>99)

 Bottom (80): H2O (80)

 Ethylene Glycol (20)

Total Organic Halides (mg/L): Not Performed

Energy Recovery

Total Metals (mg/L): Not Performed

PCB (mg/Kg): Not Performed

HAZARDOUS WASTE CHARACTERISTICS:

 Corrosive Ignitable Reactive TCLP Toxic

COMMENTS:

 Waste stream: Antifreeze, Deisel, Oil

APPENDIX G

Elmendorf AFB Waste Stream Results

ELANDORF AIR FORCE BASE, ALASKA
WASTE STREAM ANALYSIS RESULTS

| WASTE STREAM SHOP & BLDG | BASE SAMPLE NO. | DATE SAMPLED | ANALYSIS REQUESTED | MAJOR COMPONENTS & | FLASH PT (deg F) | PI mg/L | CORR (pH) | TCLP METALS (mg/L) | TOX & | PCB |
|---|--------------------|-----------------|-----------------------|-------------------------------|---------------------|------------|--------------|----------------------------|-------|-----|
| 21 EMS/NAEFC Corr Control 32-050 TURCO 5873 Hot Bath | GT912389 | 910813 | TCLP | Water PHC | >140 | ND | 11.4 | *Cd=26 *Cr=23 Pb=2.5 | NP | NP |
| 21 EMS/NAEFC Corr Control 32-050 Nonphenolic Paint, Cold Bath | GT912390 | 910813 | TCLP | Water | >140 | ND | 9.2 | Cd=0.9 *Cr=9.8 | NP | NP |
| 21 TFW/LGTH Heavy Equip 32-111 Floor Sweep | GT912391 | 910813 | TCLP | Solid | NP | NP | NP | ND | NP | NP |
| Propulsion 11-110 Brake Fluid | GT912392 | 910813 | Energy Recovery | Ethanol PHC | <71.6 | ND | NP | NP | 0.005 | ND |
| 43 AMU Wing 3 11-770 Coolant | GT912393 | 910813 | TCLP | PHC Water | >140 | ND | 8.1 | Cd=0.9 Pb=0.7 | NP | NP |
| Hospital Plant Mgt 24-800 Ethyl Alcohol | GT912394 | 910813 | TCLP | Ethanol Hydraulic Fluid | <71.6 | NP | NP | NP | NP | NP |

Notes: * Exceeds TCLP Metal Limits
 ** Waste is TCLP ignitable, <140 degree F
 # Exceeds ER ignitable Criteria, <100 degree F
 TCLP: Toxicity Characteristic Leachate Procedure
 PHC: Petroleum Hydrocarbons
 TOX: Total Organic Halogens
 CORR: Corrosivity
 ND: none detected
 NP: not performed