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CAPE ROMANZOF LRRS
ALASKA

ADMINISTRATIVE RECORD
COVER SHEET

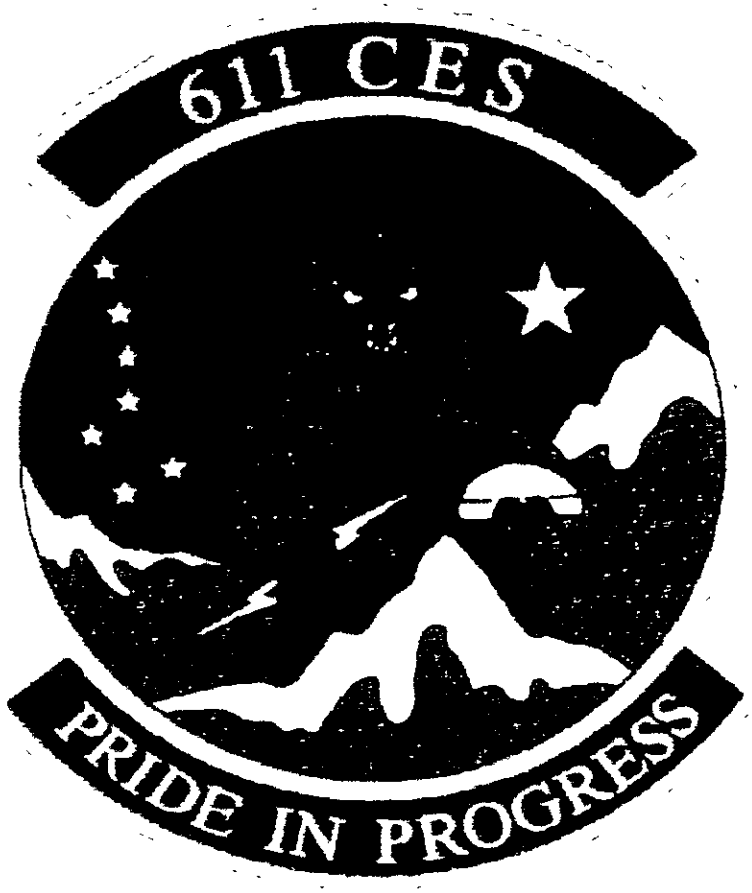
AR File Number 92

United States Air Force
Cape Romanzof LRRS, Alaska

Long Term Monitoring
Landfill Cap Inspection

November 2000

CN F41624-99-C-8035



United States Air Force
Cape Romanzof LRRS, Alaska

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ACRONYMS

611th CES	611th Civil Engineer Squadron
AC&W	Aircraft Control and Warning
ADEC	Alaska Department of Environmental Conservation
AFCEE	Air Force Center for Environmental Excellence
BNCI	Bethel Native Corporation International, Inc.
BTEX	Benzene, Toluene, Ethylbenzene, Xylene
CT&E	CT&E Environmental, Inc.
CYD	Cubic Yard
DO	Dissolved Oxygen
DRO	Diesel Range Organics
FS	Feasibility Study
GE	General Electric
GRO	Gasoline Range Organics
GW	Groundwater
HDPE	High Density Polyethylene
ICP	Inductive Coupled Plasma
IDW	Investigation-Derived Waste
IRP	Interim Remedial Action
LF	Landfill
LRRS	Long Range Radar Site
LTM	Long Term Monitoring
MAR	Minimally Attended Radar
MCL	Maximum Contaminant Levels
MDL	Minimum Detection Limits
MW	Monitoring Well
NTU	Nephelometer Turbidity Units
PCB	Polychlorinated Biphenyl
PMC	Piquniq Management Corporation
PQL	Practical Quantitation Limits
QA/QC	Quality Assurance/Quality Control
RA	Remedial Assessment
ReDox	Reduction-Oxidation Potential
RI	Remedial Investigation
ROCC	Regional Operations Control Center
RRO	Residual Range Organics
SD	Sediment
SOW	Scope of Work
SVOC	Semi-Volatiles
SW	Surface Water
TPH	Total Petroleum Hydrocarbons

ACRONYMS cont'd.

USACE	United States Army Corps of Engineers
USAF	United States Air Force
UST	Underground Storage Tank
WACS	White Alice Communications System
WC	Woodward-Clyde

Section 1 – Introduction and Project Summary

This report describes the activities conducted during October 1999 Landfill 2 (LF03), SS13, and SS15 Long Term Monitoring at Cape Romanzof RRS, Alaska. Project activities included collection and analysis of soil, sediment and water samples. These activities were conducted in accordance with contract specifications F41624-99-C8035.

1.1 Scope of Work

The scope of work and objectives for this project included the following (listed by site):

Site SS13

- Collect groundwater samples from 2 monitoring wells (MW1, MW2)
- Collect field parameter measurements - temperature, pH, conductivity, dissolved oxygen, reduction/oxidation potential, and turbidity at each monitoring well
- Collect three surface water samples (SW-01, SW-02, SW-03)
- Analyze surface and groundwater samples for Diesel Range Organics (DRO), Gasoline Range Organics (GRO), Residual Range Organics (RRO), Benzene, Toluene, Ethlybenzene, Xylene (BTEX), Semi-Volatiles(SVOC), alkalinity, total iron, sulfate and nitrate
- Collect two sediment samples (SS01, SS06)
- Collect three near surface soil samples (LB-03, LB-07, LB-08)
- Analyze soil / sediment samples for DRO, GRO, RRO, BTEX, and SVOC

Site SS15

- Collect groundwater samples at 3 monitoring wells (WW02, WW07, WW08)
- Analyze groundwater samples for DRO, GRO, RRO, BTEX, SVOC, alkalinity, total iron, sulfate and nitrate
- Collect field parameter measurements - temperature, pH, conductivity, dissolved oxygen, reduction/oxidation potential, and turbidity at each monitoring well

Site LF03

- Collect groundwater samples from 8 monitoring wells (MW-1, CMW-1 to CMW-7)
- Collect field parameter measurements - temperature, pH, conductivity, dissolved oxygen, reduction/oxidation potential, and turbidity at each monitoring well
- Collect three surface water samples (SD/SW-1, SD/SW-2, SD/SW-3)
- Collect three sediment samples (SD/SW-1, SD/SW-2, SD/SW-3)
- Analyze surface and ground water for DRO, GRO, SVOC, Volatiles, PCBs, Inductive Coupled Plasma (ICP) Metals, alkalinity, and total iron
- Analyze sediment samples for DRO, GRO, SVOC, Volatiles, PCBs, and ICP metals
- Visually inspect and document the current effectiveness of the landfill cap
- Recommend repair activities for the landfill cap, if needed

1.2 Project Objectives

The objectives of this project included the following:

1) Landfill Cap Inspection – Conduct a visual inspection of the landfill cap to determine cap integrity and any deficiencies due to wind or water erosion.

2) Groundwater, Surface Water, Soil and Sediment Sampling – Collect and analyze representative water, soil and sediment samples to produce valid analytical data to evaluate whether contamination is migrating from these source areas and to monitor effectiveness of intrinsic remediation of contaminants in soil, sediments and groundwater.

1.2.1 Technical Report Organization

This report documents field activities conducted in accordance with the project contract specifications. The report includes the following sections:

Table 1-1

Technical Report Organization

	Contents
Section 1	Report introduction, scope of work, project objectives, site background and summary of previous findings
Section 2	Field and laboratory analytical methods and QA/QC procedures
Section 3	Methods used for data evaluation
Section 4	Presentation and discussion of hydrocarbon sampling analytical results
Section 5	Presentation and discussion of field parameter measurements and inorganic/metals sampling analytical results and evaluation of intrinsic remediation
Section 6	Presentation and discussion of landfill cap inspection findings and corrective action activities
Section 7	Conclusions and recommendations from inspection and sampling
Section 8	Lists references
Appendices	Appendix A – Analytical Data Appendix B – ADEC Soil & Water MCLs Appendix C – QA/QC Summary Report Appendix D – Groundwater Sampling Log Sheets

1.3 Site Background

Cape Romanzof, Alaska is approximately 540 air miles west of Anchorage, Alaska. The Cape Romanzof Long Range Radar Site (LRRS) consists of 4900 acres of land within the Yukon Delta National Wildlife Refuge. In 1953, the United States Air Force (USAF) constructed a LRRS as

part of the Aircraft Control and Warning (AC&W) at Cape Romanzof. This site was one of the ten original AC&W's built in Alaska. In 1958, a White Alice Communications System (WACS) replaced this system. Since 1977, GE Government Services has operated this site. The operations and maintenance contractor is a joint venture, Piquniq Management Corporation (PMC/Frontec). Alascom replaced this system with satellite communications in 1979. In the mid-1980s, the station was converted to a Minimally Attended Radar Site (MAR). Radar transmission and beacon data are transmitted to Elmendorf Region Operations Control center (ROCC) by satellite. In 1984, a new industrial and living facility was built and is staffed by four PMC/Frontec personnel. The upper camp (elevation 2250') contains the radar equipment.

The three sampling sites are SS13, SS15, and LF03. Site SS13 is located 800 feet south of the lower camp and 200 feet north of the pump house. Site SS15 is located 200 feet south of the lower camp and just south of the waste accumulation area 1. LF03 is situated approximately one-half mile NW of the lower camp. LF03 is south of the access road, which runs from the lower camp to the runway. All three sites are accessible by the road system. See Figures 1, 2, and 3 at the end of this section.

LF03 was in operation from the 1950s to 1970s. During this time garbage, construction material, shop waste and incineration ash were deposited into the landfill. Since 1978, the wastes have been transported to off base landfills or incinerator sites. In 1994, LF03 was capped. In 1992, Woodward Clyde (WC) conducted a Remedial Investigation/Feasibility Study (RI/FS) on the LF03. In 1995, the Air Force conducted a Remedial Assessment (RA) on SS15 and LF03. In 1996, Harding Lawson conducted a RA on LF03. Total Petroleum Hydrocarbons (TPH) and Polychlorinated Biphenyl (PCBs) were detected in surface water and TPH was detected in sediment and soil. PCBs and Diesel Range Organics (DRO) were detected in sediment samples. Monitoring well, surface water and sediment sampling was also conducted in 1997.

Site SS13 was the result of a 14,000-gallon diesel fuel spill that occurred in 1979. Other possible contamination is from the waste accumulation area 3. Fowler Creek runs through the site and the site might be hydraulically connected to the lower camp's drinking water supply (well 1). Well 1 is located south of the lower camp and east of site SS13. Wells A & B located on the site were plugged in 1990. A RI/FS was conducted in 1992 by WC, which resulted in a Long-Term Monitoring (LTM) plan. TPH was detected in soils and groundwater sampled from the wells. A remediation investigation, with the objective of delineating the nature and extent of soil, surface water and groundwater contamination, was conducted in 1997. Additional objectives of the 1998 investigation included determination of aquifer characteristics and establishing levels of natural attenuation parameters in soil, sediment and groundwater.

Site SS15 was the result of a diesel fuel spill from two underground storage tanks (USTs), (5,000 gallon and 15,000 gallon). In 1991, both USTs and 900 CYD of contaminated soil were removed from the site. In 1991, ENSR Corporation conducted a preliminary assessment (PA), and in 1993 a RI/FS. Neither report delineated the extent of the soil contamination. In 1995, the Air Force conducted a RA. Additional objectives of the 1998 investigation included determination of aquifer characteristics and establishing levels of natural attenuation parameters in soil, sediment and groundwater.

1.4 Summary of Previous Findings

SS13

- Soil and groundwater sampling data indicate that some DRO, GRO, RRO and SVOCs levels exceeded regulatory levels at some SS13 locations.
- Geochemical and microbiological evidence indicate that intrinsic remediation is occurring via bioattenuation at SS13.
- Hydrocarbon migration from the impacted vegetation zone in not occurring.
- Natural attenuation will reduce contaminant levels over time.

SS15

- Soil and groundwater sampling data indicate that some DRO, GRO RRO and SVOCs levels exceeded regulatory levels at some SS15 locations.
- Geochemical and microbiological evidence indicate that intrinsic remediation is occurring via bioattenuation at SS15.
- Natural attenuation will reduce contaminant levels over time for SS15 soils.
- Institute a Long Term Monitoring plan to assess contaminant levels and intrinsic remediation effectiveness.

LF03

- Conduct additional annual monitoring events of groundwater, surface water and sediment to evaluate trends in selected contaminant concentrations.
- Collect and analyze additional sediment and surface water samples west and southwest of LF03 to delineate nature and extent of potential contaminants.

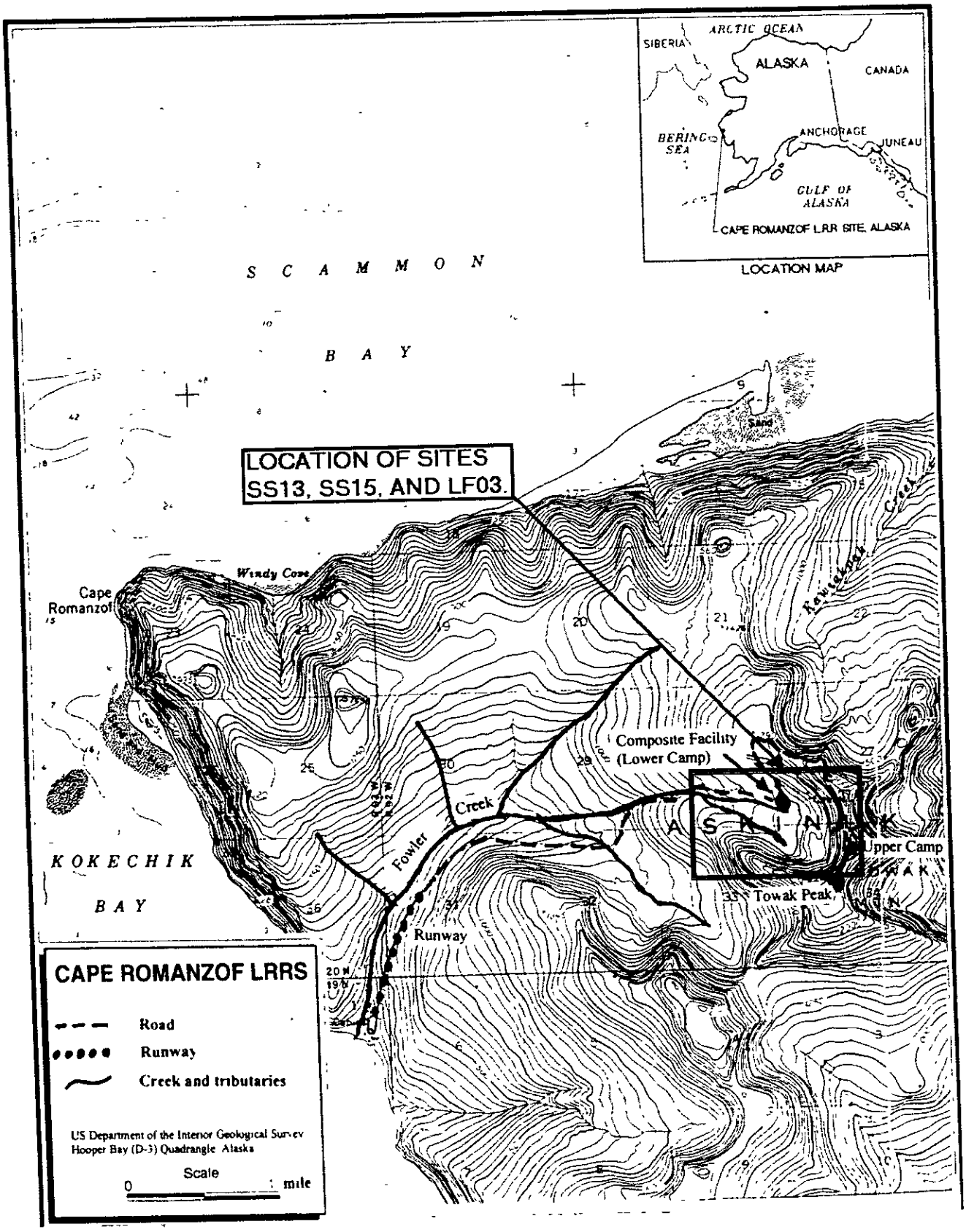
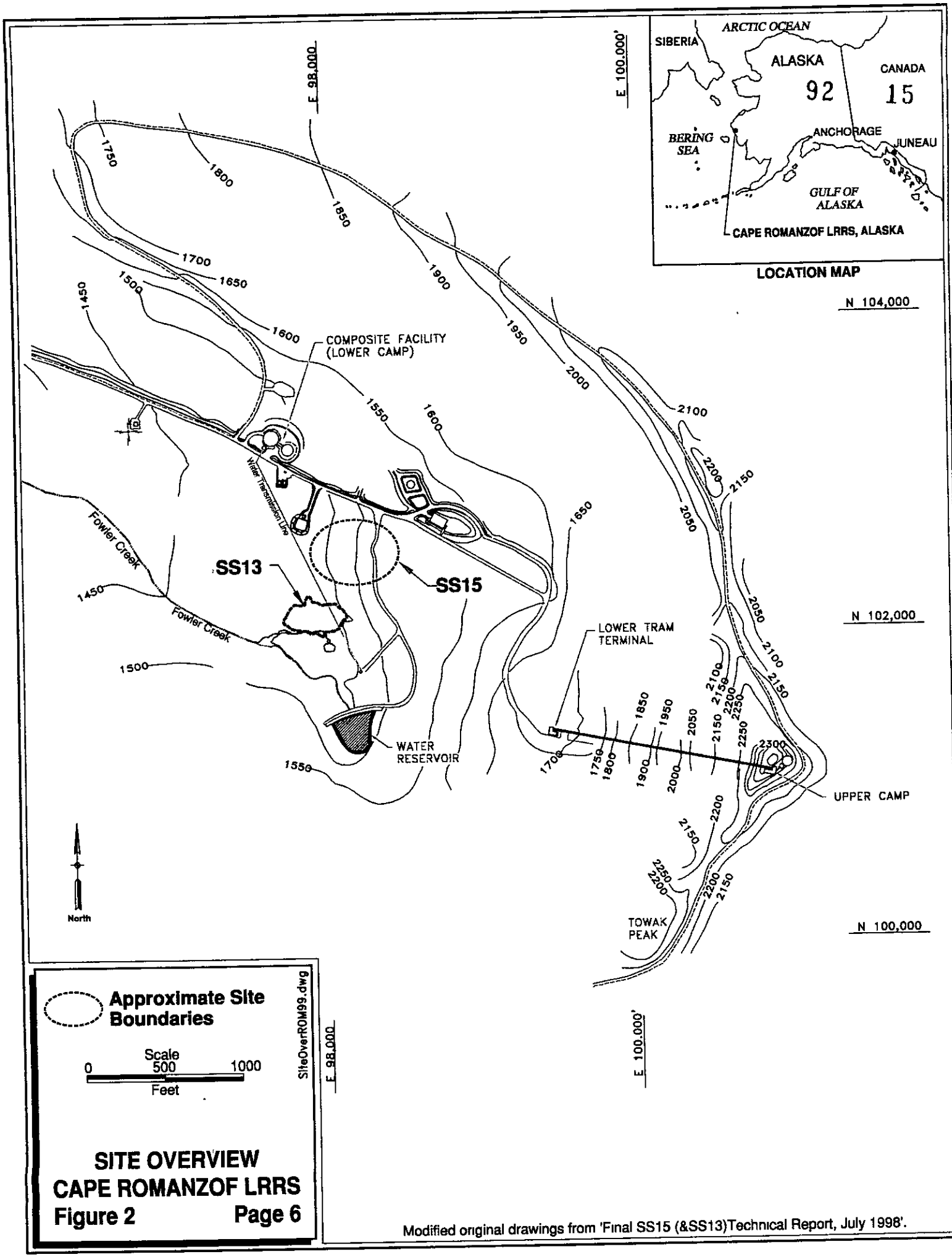


Figure 1: TOPOGRAPHIC MAP OF CAPE ROMANZOF LRRS, ALASKA


E 98,000
E 100,000'
ARCTIC OCEAN
SIBERIA
ALASKA
92
CANADA
15
BERING SEA
ANCHORAGE
JUNEAU
GULF OF ALASKA
CAPE ROMANZOF LRRS, ALASKA
LOCATION MAP
N 104,000
N 102,000
N 100,000
COMPOSITE FACILITY (LOWER CAMP)
Water Transmission Line
Fowler Creek
Fowler Creek
SS13
SS15
LOWER TRAM TERMINAL
WATER RESERVOIR
UPPER CAMP
TOWAK PEAK
1750
1800
1850
1700
1650
1500
1450
1600
1900
1950
2000
2100
2200
2150
2050
1550
1600
1650
1450
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1550
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250
2300
North
Approximate Site Boundaries
Scale
0
500
1000
Feet
SiteOverROM99.dwg
SITE OVERVIEW
CAPE ROMANZOF LRRS
Figure 2
Page 6
Modified original drawings from 'Final SS15 (&SS13)Technical Report, July 1998'.

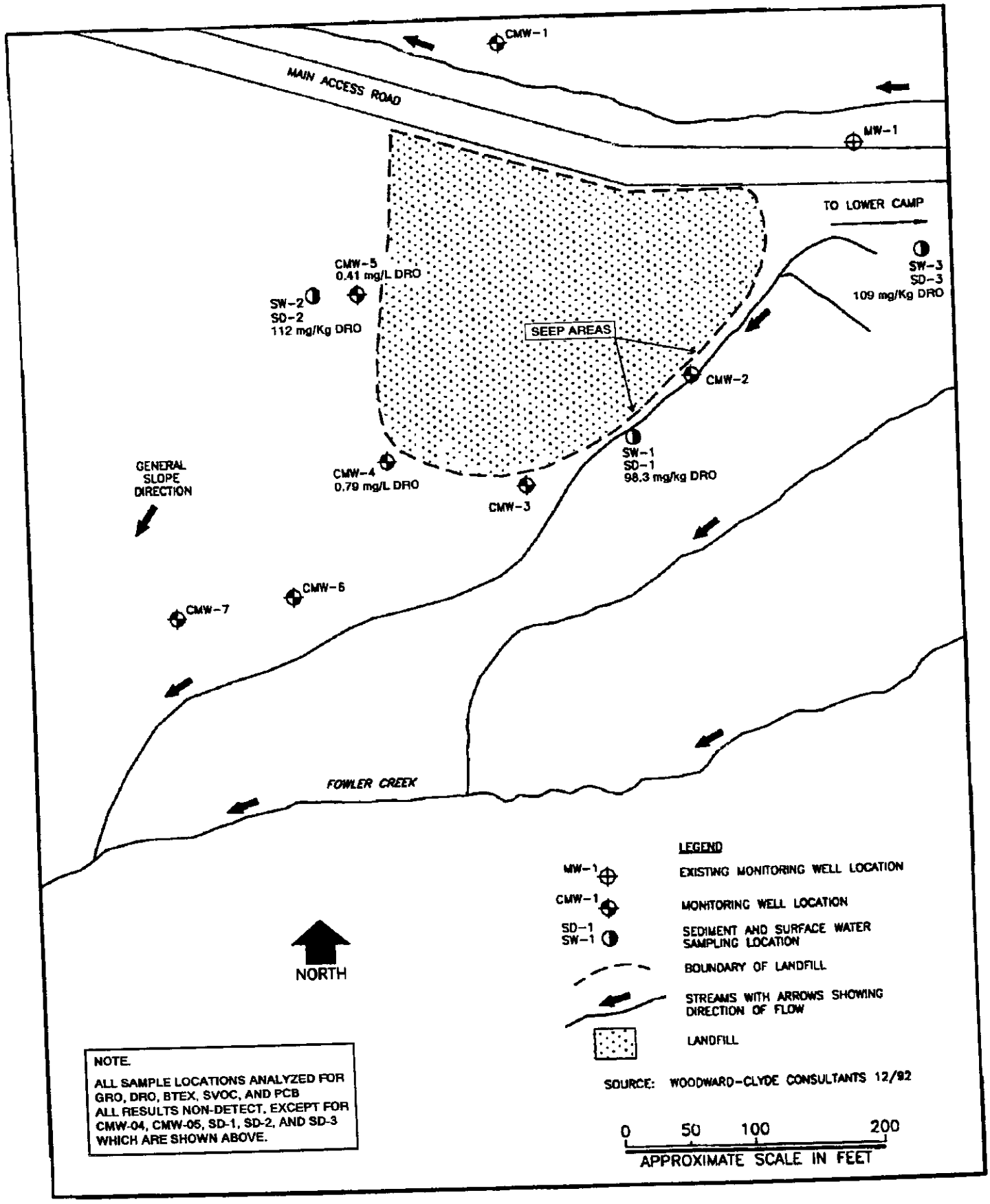


Figure 3: LF03 SAMPLE LOCATIONS & RESULTS

Section 2 – Analytical Methods and QA/QC Procedures

This section identifies the methods used for field parameter measurement and for laboratory analyses of groundwater, surface water, sediment and soil samples.

2.1 Field Parameters

Field parameter measurement data was collected for temperature, pH, conductivity, dissolved oxygen, reduction/oxidation potential, and turbidity from monitoring wells at sites LF03, SS13 and SS15. Table 2-1 summarizes the analytical methods and detection limits for field parameter measurements at groundwater sampling locations.

Table 2-1

Field Parameters Measurement Methods

Location (Well #)	Parameter	Method	Range
LF03 (CMW1-CMW7, MW1) **SS13** (MW1, MW2) **SS15** (WW02, WW07, WW08)	Temperature	E170.1	0-50^{0}C
	pH	E150.1	0 – 14 units
	Conductivity	E120.1	0 - 100uS/cm
	Dissolve Oxygen	E360.1	0-19.9 mg/L
	ReDox potential	ASTM D1498	+/- 999mv
	Turbidity	E180.1	0-999 NTU

2.2 Laboratory Analytical Methods – Groundwater and Surface Water Samples

Table 2-2 summarizes the analytical methods, practical quantitation limits (PQL) and minimum detection limits (MDL) for laboratory sample analysis of Cape Romanzof groundwater and surface water samples.

Table 2-2

Laboratory Analytical Methods for Groundwater / Surface Water Samples

Location	Analyte	Analytical Method	PQL [mg/L]	MDL [mg/L]
LF03	DRO	AK102	0.080	0.008
SS13, SS15	DRO/RRO	AK102/AK103	0.080	0.008
LF03, SS13, SS15	GRO	AK101	0.010	0.100
SS13, SS15	BTEX	8021B	0.0007	0.007
LF03, SS13, SS15	SVOC	SW8270C	0.001	0.010
LF03	Volatiles	SW8260B	0.0008	0.008
LF03	PCB	8082	0.001	0.005
LF03	Metals	ICP	*	*

Table 2-2 continued

Location	Analyte	Analytical Method	PQL [mg/L]	MDL [mg/L]
LF03, SS15	Alkalinity	EP310.1	1.21	2.0
LF03, SS15	Total Iron	EP200.7	0.05	0.05
SS13, SS15	Sulfate	EP300	0.06	0.5
SS13, SS15	Nitrate	EP300	0.06	0.5
* See Table 5-10 for list of ICP metals				

2.3 Laboratory Analytical Methods – Soil / Sediment Samples

Table 2-3 summarizes the analytical methods and detection limits for analysis of Cape Romanzof soil and sediment samples.

Table 2-3

Laboratory Analytical Methods and Detection Limits for Soil / Sediment Samples

Location	Analyte	Analytical Method	MDL [mg/Kg]	PQL [mg/Kg]
LF03	DRO	AK102	2.0	20
SS13	DRO/RRO	AK102/AK103	10	10
LF03, SS13	GRO	AK101	2.0	20
SS13	BTEX	8021	0.007	0.07
LF03, SS13	SVOC	SW8270	0 1	1.0
LF03	Volatiles	SW8260	0.008	0.08
LF03	PCB	SW8082	0.01	0.05
LF03	Metals	ICP	*	*
MDL = Method Detection Limit **PQL** = Practical Quantitation Limit * See Table 5-16 for list of ICP metals				

2.4 QA/QC Measures

QA/QC measures included procedures for sample handling and management. The following table summarizes requirements for sample containers and holding times.

Table 2-4
Laboratory Sample Containers and Holding Times

MATRIX	CONTAMINANT	CONTAINER	HOLDING TIMES
Soil & Sediment	DRO/RRO, Semi-Volatiles, PCB, ICP Metals	8 oz. amber jar	14 days
Soil & Sediment	GRO, BTEX, Volatiles	4 oz. amber jar	28 days
Ground & Surface water	ICP Metals, Alkalinity, Total Iron, Sulfate, Nitrate	1 L HDPE cubie	Vary from 48 hours to 6 months

Additional QA/QC procedures include a data quality assessment and data validation information which is located in Appendix C: QA/QC Summary Report. The QA/QC review contains an assessment of sampling data for completeness, sample handling & management, data verification and an assessment of the accuracy, precision and representativeness of the data.

Section 3.0 - Data Evaluation

This section outlines how the data was evaluated and presented. Table 3-1 summarizes each general sampling activity, sampling objective and data evaluation standard with recommended actions. Specific data evaluation of each sample location is presented in Section 4 for hydrocarbon data and in Section 5 for field parameters and inorganic/metals data.

Table 3-1

Data Evaluation Procedures

Activity / Objective	Data Evaluation / Action
Groundwater – Surface Water – Soil – Sediment Sampling	
Collect groundwater sample data from monitoring wells to assess the nature, degree and extent of contaminant plumes.	Compare data to ADEC MCLs 18 AAC 75.341 Table C. Compare data to previous sample data. Assess status of intrinsic remediation.
Collect surface water samples to assess degree and extent of contaminant. Evaluate and assess the effects of surface runoff on surface water quality.	Compare data to ADEC MCLs 18 AAC 75.341 Table C. Compare data to previous sample data. Assess status of intrinsic remediation.
Collect sediment samples to assess the nature of the contamination and to define the lateral extent of contamination.	Compare data to ADEC MCLs 18 AAC 75.341 Table B-2 (<40", Migration to GW). Compare data to previous sample data. Assess status of intrinsic remediation.
Collect surface soil samples to assess the nature of the contamination and to define the lateral extent of contamination.	Compare data to ADEC MCLs 18 AAC 75.341 Table B-1 (<40", Migration to GW). Compare data to previous sample data. Assess status of intrinsic remediation.
Landfill Cap Inspection	
Inspect landfill cap for effectiveness, integrity and erosion Assess condition and necessary repairs.	Assess cap integrity based on inspection findings.

3.1 Groundwater and Surface Water Analytical Results Evaluation

Groundwater and surface water sample data are evaluated by comparing to ADEC groundwater cleanup standards 18 AAC 75.341 Table C: Groundwater Cleanup Standards. These standards are presented in Appendix B.

3.2 Soil / Sediment Analytical Results

Soil and sediment sample data are evaluated by comparing to ADEC soil cleanup standards 18 AAC 75.341 Table B-1 Method 2 - less than 40 inches – migration to groundwater. These standards are presented in Appendix B.

3.3 Evaluation of Intrinsic Remediation

Biodegradation of fuel constituents by microbial processes is directly affected by various inorganic and geochemical factors including dissolved oxygen, iron, pH, nitrate, sulfate, and alkalinity. Additional factors that affect or may be indicators of remediation activity include conductivity, reduction-oxidation potential (ReDox), temperature, and alkalinity .

Biodegradation of fuels occurs either aerobically or anaerobically. In many subsurface environments, both aerobic and anaerobic biodegradation can occur simultaneously. Both of these processes require an electron acceptor to complete the degradation reaction.

Aerobic degradation is the dominant process using oxygen as the electron acceptor. Aerobic degradation requires dissolved oxygen to function. If oxygen is limited, the process will proceed under anaerobic conditions using nitrate, iron and sulfate (in respective order) as electron acceptors.

The following table, developed in accordance with Air Force Center for Environmental Excellence (AFCEE) publication "Technical Protocol for Implementing Intrinsic Remediation with Long-Term Monitoring for Natural Attenuation of Fuel Contamination Dissolved in Groundwater", presents a brief description of field parameters measurements and inorganic constituents and how they will be used to evaluate the intrinsic remediation activity.

Table 3-2

Summary of Evaluation Factors for Intrinsic Remediation

PARAMETER	EVALUATION FACTORS
pH	Generally pH will range from 6 – 8 for optimal biodegradation
Temperature	Bioremediation is known to occur from 0 – 75 °Celsius. Slower rate at lower temperature. Activity generally slower if <5 °C. Directly affects solubility of dissolved oxygen; dissolved oxygen is more soluble in cold water.
Alkalinity	Helps buffer pH. Fuel bioremediation will increase alkalinity relative to background.
ReDox potential	Measure of electron activity
Conductivity	Can be used to identify similar or different water sources.
Nitrate	Acts as electron acceptor when oxygen is depleted.
Iron (II)	Acts an electron acceptor during anaerobic fuel degradation.
Dissolved Oxygen(DO)	Most important factor for aerobic biodegradation. Will limit anaerobic activity if DO > 0.5mg/L.

Section 4 – Sample Results with Data Evaluation and Comparison of Data- Hydrocarbon Related Contaminants

This section presents sample results for hydrocarbon related contaminants including DRO, RRO, GRO, BTEX, PCB, Volatiles and Semi-Volatile compounds. For each sampling site – SS13, SS15 and LF03 – sample information is provided with a summary of past and current analytical results with a comparison of sample results to method detection limits (MDL) and maximum contaminant levels (MCL).

4.1 Site SS13 – Hydrocarbon Related Contaminants

This section presents hydrocarbon analytical data for sampling activities at site SS13. Inorganic analytical data and field parameter measurements for this site are presented in Section 5.1. Sample locations are shown on Figure 4: Site SS13 Sample Locations and Analytical Results, on page 14. Samples at this site included the following:

Table 4-1

Site SS13 Sampling Locations by Matrix

SS13 Sampling Locations	Matrix
MW-01, MW-02	Groundwater - GW
SW-01, SW-02, SW-03	Surface Water - SW
SS-01, SS-06	Sediment - SD
LB-03, LB-07, LB-08	Near Surface Soil - SS

4.1.1 Site SS13 - Groundwater – Hydrocarbon Data

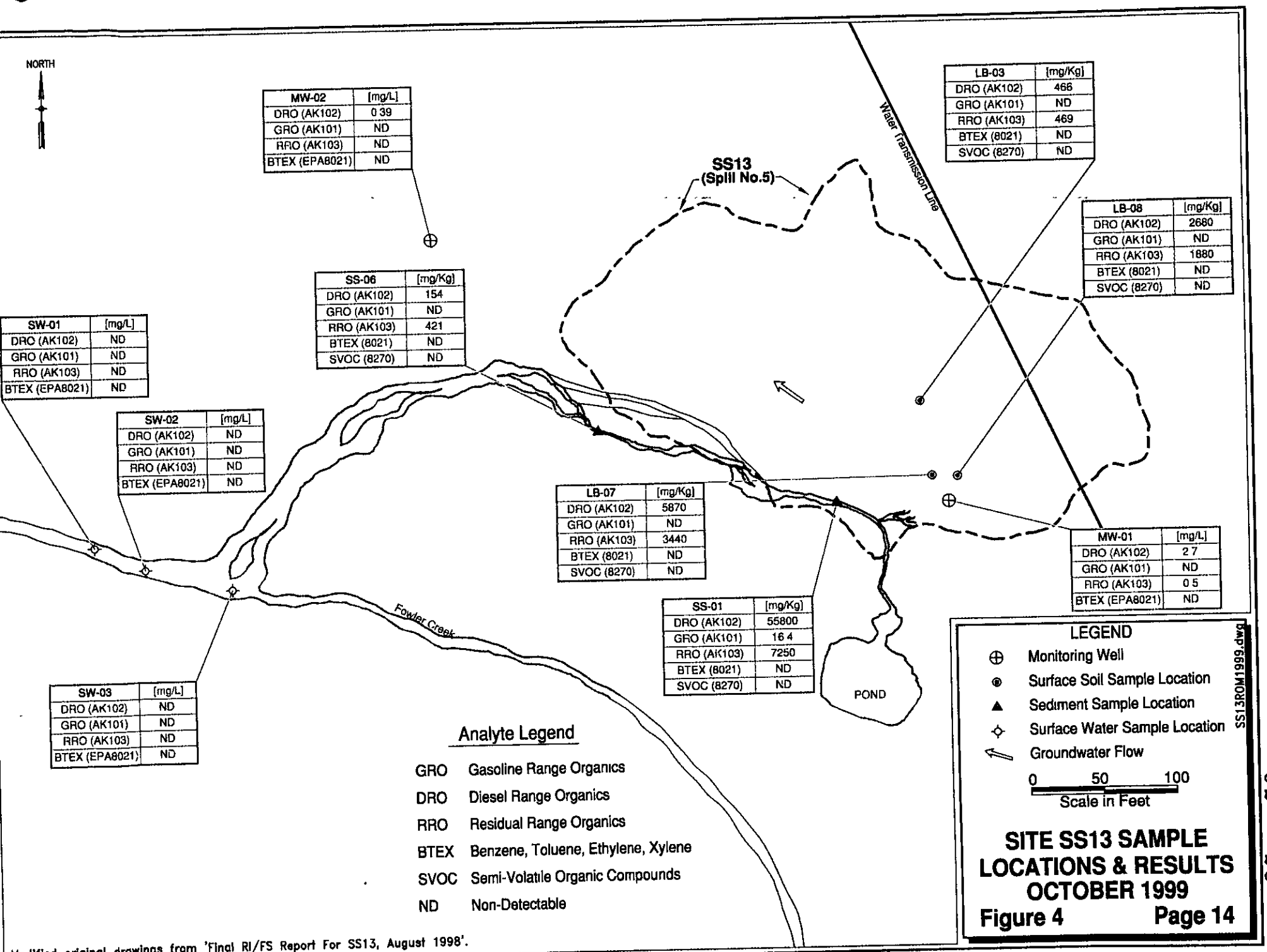
Groundwater sampling at SS13 included the collection of one water sample from monitoring well MW-01 and one from monitoring well MW-02.

Table 4-2

Site SS13 Groundwater Hydrocarbon levels – Oct 1999

SS13-Well (MCL)	GRO (1.3)	DRO (1.5)	RRO (1.1)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs
MW-01	ND	2.7	0 5	ND	ND	ND	ND	NA
MW-02	ND	0.385	ND	ND	ND	ND	ND	NA

ND = Not Detected above method reporting limit / practical quantitation limit. NA = Not Analyzed.
All results in **mg/L.**



Modified original drawings from 'Final RI/FS Report For SS13, August 1998'.

MW-01 1999
As shown above in Table 4.2, 1999 GRO and BTEX constituents were non-detectable at MW-01. RRO was detected in MW-01 but below the MCL. The DRO level of 2.7 mg/L in MW-01 exceeded the MCL of 1.5 mg/L.

MW-02 1999
As shown above in Table 4.2, 1999 GRO, BTEX and RRO constituents were non-detectable at MW-02. DRO was detected but below the MCL. No constituents at MW-02 exceeded the MCLs in 1999.

Table 4-3

SS13 Groundwater Hydrocarbon levels – September 1997

SS13-Well (MCL)	GRO (1.3)	DRO (1.5)	RRO (1.1)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs
MW-01	0.091	2 47	0 628	0.0003	0.003	0.0005	0.004	Table 4-3a
MW-02	ND	0.213	0.202	0.0002	ND	0.0003	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in **mg/L.**

Table 4-3a

Site SS13 Groundwater SVOCS – September 1997

Location	SVOC Detected above MDL*	RESULT	MCL**
MW-01	2-Methylnaphthalene	0.0087	810,000
	4-Methylphenol	0.0004	--
	Di-n-octyl phthalate	0.0002	0.7
	Fluorene	0.0002	1.46
	Naphthalene	0.0073	1.46
	Phenanthrene	0.0001	--

* Method detection limit. ** Maximum contaminant level. All results in **mg/L.**

MW-01 1997
As shown above in Tables 4.3 and 4 3a, 1997 GRO, BTEX, RRO and SVOC constituents were detectable at MW-01 but no samples exceeded the MCLs. 1997 MW-01 DRO level of 2.47 mg/L exceeded the MCL of 1.5 mg/L.

MW-02 1997
As shown above in Table 4.3, GRO, ethylbenzene and xylene were not detected in MW-02. RRO, benzene, toluene and DRO were detected in MW-02 but below the MCLs. No constituents at MW-02 exceeded the MCLs in 1997.

4.1.2 Comparison of 1999 and 1997 Site SS13 Groundwater Sampling Data

MW-01

As shown in the following table, 1999 hydrocarbon levels (excluding DRO) have decreased since 1997. No constituents that were detected at MW-01 in either 1997 or 1999 sampling events, exceeded MCLs (excluding DRO). DRO levels increased slightly from 2.47 mg/L in 1997 to 2.7 mg/L in 1999. DRO samples at MW-01 have exceeded DRO MCLs in 1997 and 1999 sampling events.

Table 4-4

SS13 Comparison of MW-01 Hydrocarbon levels 1997-1999

MW-01 (MCL)	GRO (1.3)	DRO (1.5)	RRO (1.1)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs
1999	ND	2.7	0.5	ND	ND	ND	ND	NA
1997	0.091	2.47	0.628	0.0003	0.003	0.0005	0.004	Table 4-3a

ND = Not Detected above method reporting limit / practical quantitation limit. NA = Not Analyzed.
All results in **mg/L**.

MW-02

As shown on the following table, no hydrocarbon constituents exceeding MCLs were detected at MW-02 in either 1997 or 1999 sampling events.

Table 4-5

SS13 Comparison of MW-02 Hydrocarbon levels 1997-1999

MW-02 (MCL)	GRO (1.3)	DRO (1.5)	RRO (1.1)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs
1999	ND	0.385	ND	ND	ND	ND	ND	NA
1997	ND	0.213	0.202	0.0002	ND	0.0003	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. NA = Not Analyzed
All results in **mg/L**.

4.1.3 SS13 - Surface Water – Hydrocarbon Levels

Surface Water sampling at SS13 included the collection of one water sample from area SW-01, one water sample from area SW-02 and one water sample from area SW-03. The following tables present surface water hydrocarbon data for site SS13.

Table 4-6

SS13 Surface Water Hydrocarbon levels – October 1999

AREA (MCL)	GRO (1.3)	DRO (1.5)	RRO (1.1)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs
SW-01	ND	ND	ND	ND	ND	ND	ND	NA
SW-02	ND	ND	ND	ND	ND	ND	ND	NA
SW-03	ND	ND	ND	ND	ND	ND	ND	NA

ND = Not Detected above method reporting limit / practical quantitation limit. NA = Not Analyzed

SW-01 SW-02 and SW-03 1999

Table 4.6 above shows that hydrocarbon levels were non-detectable for all 1999 analyses. There were no changes in hydrocarbon levels for surface water samples from site SS13 surface water areas compared to 1997 sample results. No constituents were detected at any surface water sites in 1999.

Table 4-7

SS13 Surface Water Hydrocarbon levels – August 1997

AREA (MCL)	GRO (1.3)	DRO (1.5)	RRO (1.1)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs
SW-01	ND	ND	ND	ND	ND	ND	ND	ND
SW-02	ND	ND	ND	ND	ND	ND	ND	ND
SW-03	ND	ND	ND	ND	ND	ND	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in **mg/L**.

SW-01, SW-02 and SW-03 1997

Table 4-7 above shows that hydrocarbon levels were non-detectable for all 1997 analyses. There were no changes in hydrocarbon levels for surface water samples from site SS13 surface water areas compared to 1997 sample results. All results were non-detectable.

4.1.3a Comparison of 1999 and 1997 Site SS13 Surface Water Hydrocarbon Levels

As shown above in Table 4-6 and Table 4-7, hydrocarbon levels for all constituents were non-detectable for all three surface water areas (SW-01, SW-02, SW-03) for both 1997 and 1999 sampling events. No constituents at SW-01, SW-02, or SW-03 exceeded the MCLs in 1997 or in 1999.

4.1.4 Site SS13 – Sediment – Hydrocarbon Related Compounds

Sediment sampling at SS13 included the collection of one sediment sample from area SS-01 and one sediment sample from area SS-06.

Table 4-8

SS13 Sediment Hydrocarbon levels – October 1999

Area (MCL)	GRO (300)	DRO (250)	RRO (11000)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCs
SS-01	16 4	55,800	7,250	ND	ND	ND	ND	ND
SS-06	ND	154	421	ND	ND	ND	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in mg/kg.

SS-01 1999

As shown above in Table 4-8, 1999 BTEX constituents were non-detectable at SS-01. GRO and RRO were detected in SS-01 but below the MCLs. October 1999 DRO level of 55,800 mg/Kg at SS-01 greatly exceeded the MCL of 250 mg/Kg.

SS-06 1999

As shown above in Table 4.8, 1999 BTEX and GRO constituents were non-detectable at SS-06. RRO and DRO were detected in SS-06 but below the MCLs. No constituents exceeded the MCLs at SS-06 in 1997 sampling event.

Table 4-9

SS13 Sediment Hydrocarbon levels – August 1997

Area (MCL)	GRO (300)	DRO (250)	RRO (11000)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCS
SS-01	9	416	83	ND	0 02	ND	0.08	ND
SS-06	ND	1710	1230	ND	ND	ND	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in mg/kg.

SS-01 1997

As shown above in Table 4-9, 1997 BTEX constituents were non-detectable or well below MCLs at SS-01. GRO and RRO were detected in SS-01 but below the MCLs. DRO level of 416 mg/Kg at SS-01 exceeded the MCL of 250 mg/Kg.

SS-06 1997

As shown above in Table 4-9, 1997 BTEX and GRO constituents were non-detectable at SS-06. RRO was detected in SS-06 but below the MCLs. August 1997 DRO level of 1710 mg/Kg at SS-06 significantly exceeded the MCL of 250 mg/Kg.

4.1.4a Comparison of Site SS13 Sediment Hydrocarbon Levels 1997-1999

Table 4-10

SS13 SS-01 Sediment Hydrocarbon levels 1997-1999

SS-01 (MCL)	GRO (300)	DRO (250)	RRO (11000)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCs
1999	16 4	55,800	7,250	ND	ND	ND	ND	ND
1997	9	416	83	ND	0.02	ND	0.08	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in mg/kg.

SS-01

As shown above in Table 4-10, 1999 BTEX constituents were non-detectable or well below MCLs at SS-01, compared to very slight detections in 1997. GRO and RRO levels increased from 1997 to 1999, however, the levels remain below the MCLs. October 1999 DRO level of 55,800 mg/Kg at SS-01 greatly exceeded the 1997 DRO level of 416 mg/Kg and the MCL of 250 mg/Kg. The high DRO level at SS01 is probably due to uneven distribution of contaminants.

Table 4-11

SS13 SS-06 Sediment Hydrocarbon levels 1997-1999

Year (MCL)	GRO (300)	DRO (250)	RRO (11000)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCs
1999	ND	154	421	ND	ND	ND	ND	ND
1997	ND	1710	1230	ND	ND	ND	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in mg/kg.

SS-06

As shown above in Table 4-11, BTEX and GRO constituents were non-detectable at SS-06 for both 1997 and 1999 samples. RRO and DRO decreased from 1997 to 1999. No constituents were detected above MCLs at SS-06 for 1999 samples.

4.1.5 Site SS13 - Near Surface Soil – Hydrocarbon Compounds

Near surface soil sampling at SS13 included the collection of one near surface soil sample from area LB-03, one near surface soil sample from area LB-07 and one near surface soil sample from area LB-08.

Table 4-12

SS13 Surface Soil Hydrocarbon levels – October 1999

Location (MCL)	GRO (300)	DRO (250)	RRO (11000)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCs
LB-03	ND	466	469	ND	ND	ND	ND	ND
LB-07	ND	5870	3440	ND	ND	ND	ND	ND
LB-08	ND	2680	1880	ND	ND	ND	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in mg/kg.

LB-03 1999

As shown above in Table 4-12, 1999 BTEX and GRO constituents were non-detectable at LB-03. RRO was detected but below the MCL. DRO level of 466 mg/Kg at LB-03 exceeded the MCL of 250 mg/Kg.

LB-07 1999

As shown above in Table 4-12, 1999 BTEX and GRO constituents were non-detectable at LB-07. RRO was detected but below the MCL. DRO level of 5870 mg/Kg at LB-07 greatly exceeded the MCL of 250 mg/Kg.

LB-08 1999

As shown above in Table 4-12, 1999 BTEX and GRO constituents were non detectable at LB-08. RRO was detected but below the MCL. DRO level of 2860 mg/Kg at LB-08 greatly exceeded the MCL of 250 mg/Kg.

Table 4-13

SS13 Surface Soil Hydrocarbon levels – September 1997

Location (MCL)	GRO (300)	DRO (250)	RRO (11000)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCs
LB-03	119	16,800	1610	ND	0.46	ND	1 14	ND
LB-07	ND	7050	2560	ND	ND	ND	ND	ND
LB-08	13	110,000	35,000	ND	0.03	ND	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in mg/kg.

LB-03 1997

As shown above in Table 4-13, 1997 BTEX, GRO and RRO constituents were non-detectable or below the MCLs at LB-03. DRO level of 16,800 mg/Kg at LB-03 exceeded the MCL of 250 mg/Kg.

LB-07 1997
As shown above in Table 4-13, 1997 BTEX and GRO constituents were non-detectable at LB-07. RRO was detected but below the MCL. DRO level of 7050 mg/Kg at LB-07 greatly exceeded the MCL of 250 mg/Kg.

LB-08 1997
As shown above in Table 4-13, 1997 BTEX and GRO constituents were non-detectable at LB-08. RRO level of 35,000 mg/Kg at LB-08 greatly exceeded the MCL of 11,000 mg/Kg. DRO level of 110,000 mg/Kg at LB-08 greatly exceeded the MCL of 250 mg/Kg.

4.1.5a Comparison of Site SS13 – Surface Soil- Hydrocarbon Levels 1997-1999

Table 4-14

SS13 LB-03 Surface Soil Hydrocarbon levels 1997-1999

LB-03 (MCL)	GRO (300)	DRO (250)	RRO (11000)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCs
1999	ND	466	469	ND	ND	ND	ND	ND
1997	119	16,800	1610	ND	0.46	ND	1.14	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in mg/kg.

LB-03
As shown above in Table 4-14, 1999 BTEX and GRO constituents were non-detectable with significant reduction in GRO and ethylbenzene levels when compared to 1997. In 1997 and 1999, RRO was detected in LB-03 but below the MCLs. 1999 DRO level of 466 mg/Kg greatly reduced from 1997 level of 16,800 mg/Kg but still exceeds the MCL of 250 mg/Kg.

Table 4-15

SS13 LB-07 Surface Soil Hydrocarbon Levels 1997-1999

LB-07 (MCL)	GRO (300)	DRO (250)	RRO (11000)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCs
1999	ND	5870	3440	ND	ND	ND	ND	ND
1997	ND	7050	2560	ND	ND	ND	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in mg/kg.

LB-07
As shown above in Table 4-15, BTEX, GRO and SVOC constituents were non-detectable at LB-07 in 1997 and 1999. RRO was detected both years but below the MCL. 1997 and

1999 DRO levels exceed the MCL of 250 mg/Kg. The 1999 DRO level of 5870 mg/Kg at LB-07 reduced from 1997 level of 7050 mg/Kg.

Table 4-16

SS13 LB-08 Surface Soil Hydrocarbon Levels 1997-1999

LB-08 (MCL)	GRO (300)	DRO (250)	RRO (11000)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCs
1999	ND	2680	1880	ND	ND	ND	ND	ND
1997	13	110,000	35,000	ND	0.03	ND	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in **mg/kg**.

LB-08

As shown above in Table 4-16, 1999 BTEX and GRO constituents were non-detectable at LB-08, indicating slight GRO and ethylbenzene reductions when compared to 1997 results. 1999 RRO level of 1880 mg/Kg was below the MCL of 11,000 mg/Kg and was greatly reduced from 35,000 mg/Kg in 1997. LB-08 1999 DRO level of 2680 mg/Kg was greatly reduced from 1997 level of 110,000 mg/Kg but still exceeds the MCL of 250 mg/Kg.

4.2 Site SS15 – Hydrocarbon Related Contaminants

This section presents hydrocarbon analytical data for sampling activities at site SS15. See Figure 5: Site SS15 Sample Locations and Analytical Results, page 23. Inorganic analytical data and field parameter measurements for this site are presented in Section 5.2.

Only groundwater samples were obtained at this site. Groundwater sampling at SS15 included the collection of one water sample from monitoring well WW-02, one water sample from monitoring well WW-07 and one from monitoring well WW-08.

4.2.1. SS15 Groundwater Data

Groundwater sampling at SS15 included the collection of one sample from monitoring well WW-02, one from monitoring well WW-07 and one from monitoring well WW-08. See the following table for results.

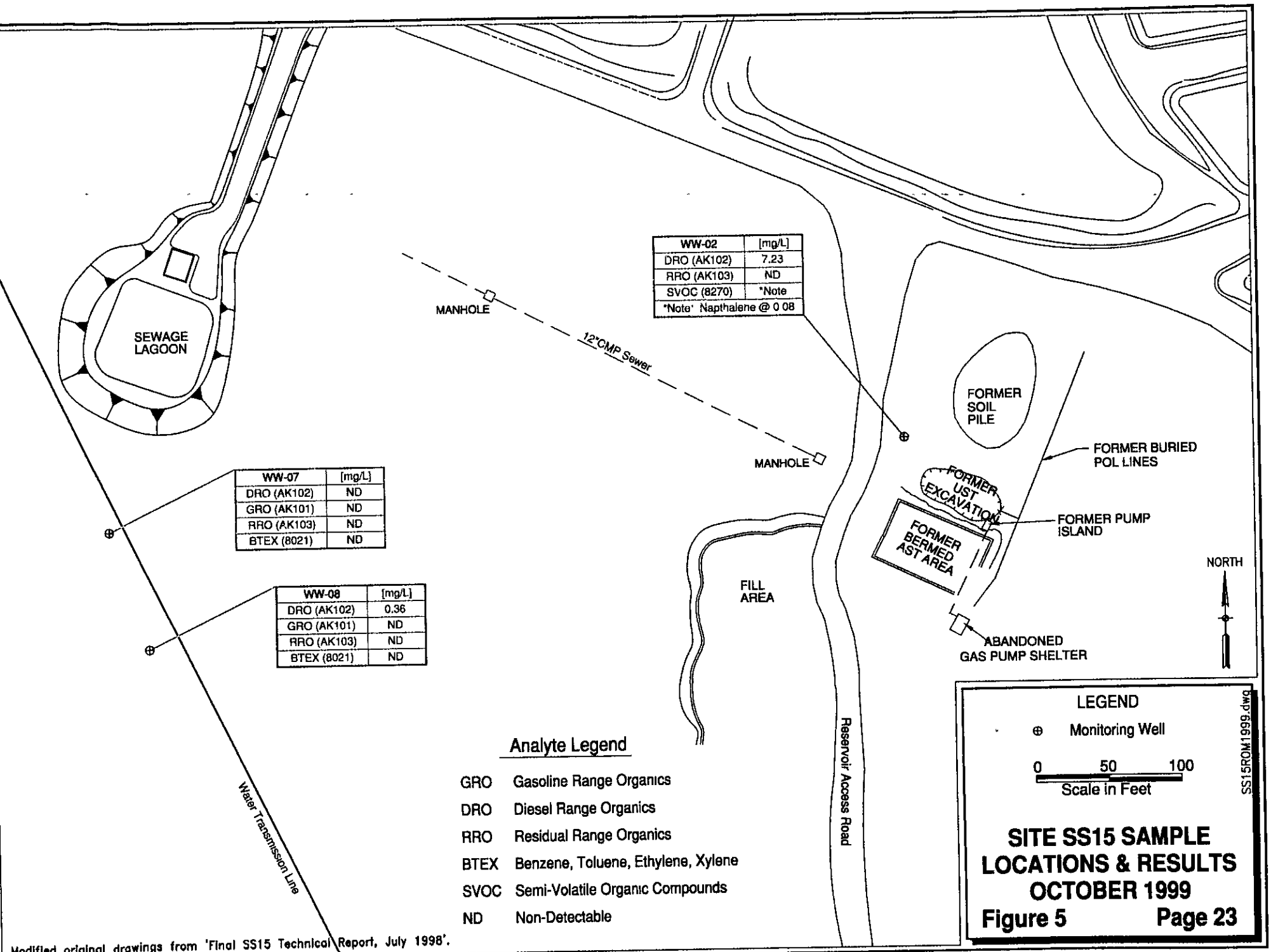

SEWAGE LAGOON
MANHOLE
12"CMP Sewer
MANHOLE
WW-02 [mg/L]
DRO (AK102) 7.23
RRO (AK103) ND
SVOC (8270) *Note
*Note' Napthalene @ 0 08
FORMER SOIL PILE
FORMER BURIED POL LINES
FORMER UST EXCAVATION
FORMER PUMP ISLAND
FORMER BERMED AST AREA
NORTH
WW-07 [mg/L]
DRO (AK102) ND
GRO (AK101) ND
RRO (AK103) ND
BTEX (8021) ND
WW-08 [mg/L]
DRO (AK102) 0.36
GRO (AK101) ND
RRO (AK103) ND
BTEX (8021) ND
FILL AREA
ABANDONED GAS PUMP SHELTER
Reservoir Access Road
Water Transmission Line
Analyte Legend
GRO Gasoline Range Organics
DRO Diesel Range Organics
RRO Residual Range Organics
BTEX Benzene, Toluene, Ethylene, Xylene
SVOC Semi-Volatile Organic Compounds
ND Non-Detectable
LEGEND
Monitoring Well
0 50 100
Scale in Feet
SS15ROM1999.dwg
SITE SS15 SAMPLE LOCATIONS & RESULTS OCTOBER 1999
Figure 5 Page 23
Modified original drawings from 'Final SS15 Technical Report, July 1998'.

Table 4-17

Site SS15 Groundwater Hydrocarbon levels – October 1999

Well (MCL)	GRO (1.3)	DRO (1.5)	RRO (1.1)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs
WW-02	NA	7.23	ND	NA	NA	NA	NA	Table 4-17a
WW-07	ND	ND	ND	ND	ND	ND	ND	NA
WW-08	ND	0.363	ND	ND	ND	ND	ND	NA

ND = Not Detected above method reporting limit / practical quantitation limit. NA = Not Analyzed
All results in **mg/L**.

Table 4-17a

Site SS15 Groundwater SVOCS 1999

LOCATION	SVOC Detected above MDL*	[mg/L]	MCL**
WW-02	2-Methylnaphthalene	0.05	--
WW-02	Naphthalene	0.08	1.46

* Method detection limit – not listed. ** Maximum contaminant level.

WW-02 1999

As shown above in Tables 4.17 and 4.17a, BTEX and GRO constituents were not analyzed in 1999 due to laboratory oversight. SVOCs were less than MCL for 1999 samples. RRO was non-detected at WW-02. DRO levels of 7.23 mg/L at WW-02 exceeded MCL of 1.5 mg/L.

WW-07 1999

As shown above in Table 4-17, all constituents were non-detectable at WW-07 in 1999. No constituents at WW-07 exceeded MCLs for 1999 sampling.

WW-08 1999

As shown above in Table 4-17, all constituents, except DRO, were non-detectable at WW-08 in 1999. DRO was detected above the detection limit but below the MCL. All other constituents were non detectable. No constituents at WW-08 exceeded MCLs for 1999 sampling.

Table 4-18

Site SS15 Groundwater Hydrocarbon levels – September 1997

Well (MCL)	GRO (1.3)	DRO (1.5)	RRO (1.1)	Benzene (0.0005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs
WW-02	7.95	400	1.38	1.11	0.31	0.15	0.553	Table 4-18a
WW-07	ND	0.063	ND	ND	ND	0.0004	0.0002	Table 4-18a
WW-08	ND	0.165	0.275	ND	ND	ND	ND	Table 4-18a

ND = Not Detected above method reporting limit / practical quantitation limit. All results in mg/L.

Table 4-18a

Site SS15 Groundwater SVOCs 1997

LOCATION	SVOC Detected above MDL*	[mg/L]	MCL**
WW-02	Acenaphthene	0.006	2.2
	Benzo (a)-anthracene	0 0002	0.001
	Benzo (a) pyrene	0.0002	0.0002
	Benzo (a) fluoranthene	0 0003	0.001
	Benzo (k) fluoranthene	0.0001	0.01
	Benzoic Acid	0.020	146.0
	Bis 2(ethylhexyl) phthalate	0.005	0.006
	di-n-octyl phthalate	0.0005	0.7
	Fluoranthene	0.0008	1.46
	fluorene	0 001	1.46
	2-Methylnaphthalene	0.530	--
	Naphthalene	0.450	1.46
	Phenanthrene	0.005	--
	Phenol	0.014	22.0
	Pyrene	0.0009	1.1
	Naphthalene	0.0073	1.46
WW-07	N-Nitrosodi-n-propylamine	0.0002	1.46
WW-08	4-Methylphenol	0.0003	--

* Method detection limit – not listed. ** Maximum contaminant level

WW-02 1997

As shown above in Table 4-18 and 4-18a, all constituents were detectable at WW-07 in 1999. SVOCs were less than MCL for 1997 samples. GRO, DRO, RRO and Benzene exceeded MCLs in 1997.

WW-07 1997

As shown above in Table 4-18 and 4-18a, GRO, RRO, Benzene, and EthylBenzene were non-detectable at WW-07 in 1997. DRO, Toluene and Xylene were detected above

detection limits but well below MCLs. One SVOC compound was detected at less than MCL. No constituents at WW-07 exceeded MCLs for 1997 sampling.

WW-08 1997

As shown above in Table 4-18 and 4-18a, all constituents, except DRO and RRO, were non-detectable at WW-08 in 1997. DRO, RRO and one SVOC compound were detected above the detection limits but below the MCLs. All other constituents were non-detectable. No constituents at WW-08 exceeded MCLs for 1997 sampling.

4.2.1.a Comparison of Site SS15 –Groundwater Hydrocarbon Levels 1997-1999

In general, 1999 hydrocarbon levels, excluding DRO, have decreased since 1997. No constituents, excluding DRO, exceeding MCLs were detected at WW-07 or WW-08 in either 1997 or 1999 sampling events. DRO level at WW-02 increased slightly from 2.47 mg/L in 1997 to 2.7 mg/L in 1999. DRO samples at WW-02 have exceeded DRO MCLs in 1997 and 1999 sampling events.

Table 4-19

SS15 Comparison of WW-02 Hydrocarbon levels 1997-1999

WW-02 (MCL)	GRO (1.3)	DRO (1.5)	RRO (1.1)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs
1999	NA	7.23	ND	NA	NA	NA	NA	Table 4-17a
1997	0.091	2.47	0.628	0.0003	0.003	0.0005	0.004	Table 4-18a

ND = Not Detected above method reporting limit / practical quantitation limit. NA = Not Analyzed.
All results in **mg/L.**

WW-02

As shown above in Table 4-19, all constituents were detectable at WW-02 in 1997, with only DRO exceeding MCLs. GRO and BTEX were not analyzed in 1999. DRO samples exceeded MCLs in both 1997 and 1999. RRO levels are reduced compared to 1997 levels. Fewer SVOC compounds were detected in 1999 than in 1997, both years were below established MCLs.

Table 4-20

SS15 Comparison of WW-07 Hydrocarbon levels 1997-1999

WW-07 (MCL)	GRO (1.3)	DRO (1.5)	RRO (1.1)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs
1999	ND	0.385	ND	ND	ND	ND	ND	NA
1997	ND	0.213	0.202	0.0002	ND	0.0003	ND	Table 4-18a

ND = Not Detected above method reporting limit / practical quantitation limit. NA = Not Analyzed.
All results in **mg/L.**

WW-07

As shown above in Table 4-20, GRO, Ethylbenzene, Xylene were non-detectable at WW-07 in 1997. DRO, RRO, Benzene and Toluene were detected above detection limits but well below MCLs. One SVOC compound was detected at less than the MCL in 1997, all other SVOCs were non-detected. No constituents at WW-07 exceeded MCLs for 1997 sampling.

Table 4-21

SS15 Comparison of WW-08 Hydrocarbon levels 1997-1999

WW-08 (MCL)	GRO (1.3)	DRO (1.5)	RRO (1.1)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs
1999	ND	0.385	ND	ND	ND	ND	ND	NA
1997	ND	0.213	0.202	0 0002	ND	0.0003	ND	Table 4-18a

ND = Not Detected above method reporting limit / practical quantitation limit. NA = Not Analyzed.
All results in **mg/L.**

WW-08

As shown above in Table 4-21, all constituents were non-detectable or less than the MCLs at WW-08 in 1997. 1999 GRO, RRO and BTEX levels were all non-detectable. DRO levels were detected above detection limits but well below MCL. DRO levels are slightly higher than 1997 results. No constituents at WW-08 exceeded MCLs for 1997 or 1999 sampling.

4.3 Site LF03 – Hydrocarbon Related Contaminants

This section presents hydrocarbon analytical data for sampling activities at site LF03. See Figure 3: Site LF03 Sample Locations and Analytical Results, page 7. Inorganic analytical data and field parameter measurements for this site are presented in Section 5.3.

4.3.1 LF03 Groundwater - Hydrocarbon

Groundwater sampling at LF03 included the collection of one water sample from monitoring well MW-01 and one water sample each from monitoring wells CMW-01 through monitoring well CMW-07. Hydrocarbon analyses at LF03 included GRO, DRO, BTEX, Semi-Volatiles, and PCBs. The June 1997 sampling event did not include BTEX analyses. The July 1996 sampling event did include BTEX compounds, but no sampling for PCB compounds was conducted.

The following tables and sections present 1999 sampling data and compare that data to MCLs and to data from sampling in July 1997 and June 1996. Each table lists the sample results for each well that was sampled. MCLs for hydrocarbon constituents are shown in parentheses below the name of each analyte.

Table 4-22

Site LF03 Groundwater Hydrocarbon levels – October 1999

Well (MCL)	GRO (1.3)	DRO (1.5)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	8270 SVOCS	PCBs (0.0005)
CMW-01	ND	ND	ND	ND	ND	ND	ND	ND
CMW-03	ND	ND	ND	ND	ND	ND	ND	ND
CMW-04	ND	0 79	ND	ND	ND	ND	ND	ND
CMW-05	ND	0 41	ND	ND	ND	ND	ND	ND
CMW-06	ND	ND	ND	ND	ND	ND	ND	ND
CMW-07	ND	ND	ND	ND	ND	ND	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in mg/L.

CMW-01, CMW-03, CMW-06 and CMW-07 1999

Sample results for these wells were non-detectable for all hydrocarbon constituents in 1999. GRO levels remained non-detectable since 1997. DRO levels have significantly decreased compared to 1997 and 1996 levels.

CMW-04 and CMW-05 1999

GRO and BTEX compounds were non-detectable for both wells in 1999. DRO levels were above detection limits but below the MCLs.

Table 4-23

Site LF03 Groundwater Hydrocarbon levels – June 1997

Well (MCL)	GRO (1.3)	DRO (1.5)	BTEX	SVOCs
CMW-01	ND	0.179	NA	ND
CMW-04	ND	2.13	NA	ND
CMW-05	ND	0.399	NA	ND
CMW-06	ND	ND	NA	ND
CMW-07	ND	0.25	NA	ND

ND = Not Detected above method reporting limit / practical quantitation limit. NA = Not Analyzed. All results in mg/L.

CMW-01, CMW-04, CMW-05, CMW-06 and CMW-07 1997

As shown in Table 4-23 above, GRO and SVOC levels were non-detectable for all wells in 1997. BTEX samples were not collected in 1997. DRO levels were non-detectable at CMW-06. DRO levels were detected above the detection limit for CMW-01, CMW-05 and CMW-07 but below the MCLs. DRO level of 2.13 mg/L at CMW-04 exceeded the MCL of 1.5 mg/L.

Table 4-24

Site LF03 Groundwater Hydrocarbon levels – July 1996

Well (MCL)	GRO (1.3)	DRO (1.5)	Benzene (0.0005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs
CMW-01	0.113	0.89	0.017	ND	ND	ND	ND
CMW-02	ND	1.34	ND	ND	ND	ND	ND
CMW-03	ND	0.092	ND	ND	ND	ND	ND
CMW-04	0.033	1 62	ND	ND	ND	ND	Table 4–24a
CMW-05	ND	0.31	ND	ND	ND	ND	ND
CMW-06	ND	ND	ND	ND	ND	ND	ND
CMW-07	0.074	1.21	0.007	ND	ND	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in mg/L.

Table 4-24a

Site SS15 Groundwater SVOCs – July 1996

LOCATION	SVOC Detected above MDL*	[mg/L]	MCL**
CMW-04	Benzoic acid	0.0125	146

* Method detection limit – not listed . ** Maximum contaminant level

CMW-1 through CMW-05, and CMW-07 1996

Table 4-24 and 4-24a above shows that Ethylbenzene, Toluene, and Xylene levels were non-detectable at all wells in 1996. One SVOC compound was detected at CMW-04 but the level was below the MCL. 1996 Benzene levels exceeded the MCL of 0.0005 mg/L at CMW-01 with 0.017 mg/L and at CMW-07 with 0.007 mg/L.

CMW-06 1996

All constituents were non-detectable at CMW-06 in 1996.

4.3.1a Summary of LF03 Groundwater Data 1996-1999

In general, all hydrocarbon levels have reduced significantly at LF03 monitoring wells. GRO levels decreased to non-detectable in 1997 and remained non-detectable in 1999 sampling. BTEX levels at CMW-2, CMW-03, CMW-04, CMW-05 and CMW-06 were non-detectable in 1996 and 1999 sampling. Benzene levels at CMW-01 and CMW-07 exceeded MCLs in 1997 but were non-detectable in 1999 samples.

4.3.2 LF03 Surface Water - Hydrocarbon

Surface water sampling at LF03 included the collection of one water sample from area SD/SW-1, one water sample from area SD/SW-2, and one water sample from area

SD/SW-3. Samples collected in 1996 and 1997 were not analyzed for BTEX constituents.

Table 4-25

Site LF03 Surface Water Hydrocarbon levels – October 1999

AREA (MCL)	GRO (1.3)	DRO (1.5)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	8270 SVOCS	PCBs (0.0005)
SD/SW-1	ND	ND	ND	ND	ND	ND	ND	ND
SD/SW-2	ND	ND	ND	ND	ND	ND	ND	ND
SD/SW-3	ND	ND	ND	ND	ND .	ND	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in **mg/L.**

SD/SW-1 SD/SW-2 and SD/SW-3 1999

As shown above in Table 4-25, PCB levels at SD/SW-2 have been reduced to none detected. No constituents were detected at any surface water areas in 1999.

Table 4-26

Site LF03 Surface Water Hydrocarbon levels – June 1997

AREA (MCL)	GRO (1.3)	DRO (1.5)	RRO (1.1)	SVOCs	BTEX	PCBs (0.0005)
SD/SW-1	ND	ND	ND	ND	NS	ND
SD/SW-2	ND	0.205	ND	ND	NS	0 046
SD/SW-3	ND	ND	ND	ND	NS	ND

ND = Not Detected above method reporting limit / practical quantitation limit. NS = Not Sampled.
All results in **mg/L.**

SD/SW-1, SD/SW-3 1997

As shown above in Table 4-26, BTEX compounds were not sampled. All other constituents were non-detectable at SD/SW-1 and SD/SW-3 in 1997.

SD/SW-2 1997

As shown above in Table 4-26, BTEX compounds were not sampled. GRO, RRO and SVOCs were not detected. PCB levels significantly exceeded MCLs at SD/SW-2 in 1997.

4.3.2.a Comparison of Site LF03 – Surface Water Hydrocarbon Levels 1997-1999

Hydrocarbon levels were non-detectable at all LF03 surface water locations in 1999. In 1997 all hydrocarbon levels were non-detectable at LF03 surface water locations except for DRO at SD/SW-2, which was below the MCL and PCB level at SD/SW-2, which was above the MCL.

Table 4-27

LF03 Comparison of SD/SW-1 Hydrocarbon levels 1997-1999

SD/SW-1 (MCL)	GRO (1.3)	DRO (1.5)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs	PCBs (0.0005)
1999	ND	ND	ND	ND	ND	ND	ND	ND
1997	ND	ND	NS	NS	NS	NS	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. NS = Not Sampled.
All results in **mg/L**.

SD/SW-1
As shown above in Table 4-27, BTEX compounds were not sampled in 1997, all other constituents were not detected. All constituents were non-detected at SD/SW-1 in 1999.

Table 4-28

LF03 Comparison of SD/SW-2 Hydrocarbon levels 1997-1999

SD/SW-2 (MCL)	GRO (1.3)	DRO (1.5)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs	PCBs (0.0005)
1999	ND	ND	ND	ND	ND	ND	ND	ND
1997	ND	0 205	NS	NS	NS	NS	ND	0.046

ND = Not Detected above method reporting limit / practical quantitation limit. NS = Not Sampled.
All results in **mg/L**.

SD/SW-2
As shown above in Table 4-28, 1997 samples had DRO levels below the MCL and PCB levels exceeding the MCL. In 1999, all constituents were non-detected at SD/SW-2.

Table 4-29

LF03 Comparison of SD/SW-3 Hydrocarbon levels 1997-1999

SD/SW-3 (MCL)	GRO (1.3)	DRO (1.5)	RRO (1.1)	Benzene (0.005)	EthylB (0.7)	Toluene (1.0)	Xylene (10)	SVOCs
1999	ND	ND	ND	ND	ND	ND	ND	ND
1997	ND	ND	ND	NS	NS	NS	NS	ND

ND = Not Detected above method reporting limit / practical quantitation limit. NS = Not Sampled.
All results in **mg/L**.

SD/SW-3
As shown above in Table 4-29, BTEX compounds were not sampled in 1997; all other constituents were not detected. All constituents were non-detected at SD/SW-3 in 1999.

4.3.3 Site LF03 –Sediment Samples – Hydrocarbon Compounds

Sampling at LF03 included the collection of one sediment sample from area SD/SW-1, one sediment sample from area SD/SW-2, and one sediment sample from area SDSW-3. The following tables and sections present 1999 sediment data with a comparison of that data to MCLs and to previous sediment data from 1997 sampling. Sediment samples were collected as close as possible to previous sampling sites.

Table 4-30

Site LF03 Sediment Hydrocarbon levels – October 1999

Area (MCL)	GRO (300)	DRO (250)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCs	PCBs (10)
SD/SW-1	ND	98.3	ND	ND	ND	ND	ND	ND
SD/SW-2	ND	112	ND	ND	ND	ND	ND	ND
SD/SW-3	ND	109	ND	ND	ND	ND	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. All results in **mg/Kg**.

SD/SW-1, SD/SW-2 and SD/SW-3 1999

As shown above, GRO, BTEX, Semi-Volatiles, and PCBs were not detected at any of the locations in 1999 sampling. DRO levels are above the method-reporting limit but less than MCLs for all three areas. PCB was not present at SD/SW-2 as it was in 1997. No constituents exceeded MCLs at these sites in 1999.

Table 4-31

Site LF03 Sediment Hydrocarbon levels – June 1997

Area (MCL)	GRO (300)	DRO (250)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCs	PCBs (10)
SD/SW-1	ND	34.7	NS	NS	NS	NS	ND	ND
SD/SW-2	ND	181	NS	NS	NS	NS	Table 4-31a	69.1
SD/SW-3	ND	13.1	NS	NS	NS	NS	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. NS = Not Sampled.
All results in **mg/Kg**.

Table 4-31a

Site LF03 Sediment SVOCS 1997

Location	SVOC Detected above MDL	mg/Kg	MCL
SD/SW-2	Di-n-Octylphthalate	0.331	810,000

SD/SW-01 SD/SW-3 1997
BTEX sampling was not conducted in 1997. GRO was not detected at these areas in 1997. DRO levels are above the method-reporting limit but less than MCLs. No constituents exceeded MCLs at these sites in 1997.

SD/SW-2 1997
BTEX sampling was not conducted in 1997. GRO was not detected at this area in 1997. An SVOC phthalate compound was detected above the method-reporting limit but less than MCLs. PCB level exceeded MCL at SD/SW-2 in 1997. DRO levels are above the method-reporting limit but less than MCLs.

4.3.3a Comparison of LF03 Sediment Hydrocarbon Data 1997-1999

Sampling at LF03 included the collection of one sediment sample from area SD/SW-1, one sediment sample from area SD/SW-2, and one sediment sample from area SDSW-3. The following tables and sections present 1999 sediment data with a comparison of that data to MCLs and to previous sediment data from 1997 sampling.

Table 4-32

Site LF03 Sediment Hydrocarbon levels 1997-1999

SD/SW-1 (MCL)	GRO (300)	DRO (250)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCs	PCBs (10)
1999	8	400	1 11	0.31	0 15	0.553	ND	ND
1997	ND	34.7	NS	NS	NS	NS	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. NS = Not Sampled.
All results in **mg/Kg.**

SD/SW-1
GRO, Ethylbenzene, Toluene and Xylenes were detected above detection limits but well below MCLs. The 1999 DRO and Benzene levels exceeded MCLs.

Table 4-33

Site LF03 Sediment Hydrocarbon Levels 1997- 1999

SD/SW-2 (MCL)	GRO (300)	DRO (250)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCs	PCBs (10)
1999	ND	0.063	ND	ND	0 0004	0 0002	ND	ND
1997	ND	181	NS	NS	NS	NS	Table 4-31a	69 1

ND = Not Detected above method reporting limit / practical quantitation limit. NS = Not Sampled.
All results in **mg/Kg.**

SD/SW-2
All constituents were either not detected or detected levels were well below MCLs for 1999 samples. DRO levels have reduced from 1997.

Table 4-34

Site LF03 Sediment Hydrocarbon levels – October 1999

SD/SW-3 (MCL)	GRO (300)	DRO (250)	Benzene (0.02)	EthylB (5.0)	Toluene (6.0)	Xylene (78)	SVOCs	PCBs (10)
1999	ND	0.165	ND	ND	ND	ND	ND	ND
1997	ND	13.1	NS	NS	NS	NS	ND	ND

ND = Not Detected above method reporting limit / practical quantitation limit. NS = Not Sampled.
All results in **mg/Kg**.

SD/SW-3 1999
All constituents were either not detected or detected levels were well below MCLs for 1999 samples. DRO levels have decreased from 1997.

Section 5 – Field Parameters, Inorganics and Metals Data Evaluation

Field parameter measurements, nitrate, iron, sulfate and ICP metals analyses were conducted to characterize site water and soil chemistry and to provide data for evaluation of intrinsic remediation.

Field parameter measurements – temperature, pH, conductivity, dissolved oxygen, ReDox potential, and turbidity - were collected at each monitoring well as part of the groundwater sampling procedure. Alkalinity, nitrate, sulfate and total iron determinations were made at all groundwater and surface water sampling locations. In addition, groundwater, surface water and sediment samples from the landfill site were analyzed for various metals.

The following table summarizes field parameter and associated inorganics/metals sampling requirements for Cape Romanzof sites SS13, SS15, and LF03. The sections following will present field parameter and inorganic constituent sample data from the October 1999 sampling event and compare that data to sample data from previous reports. The data for each sampling location will be reviewed to evaluate site conditions and intrinsic remediation.

Table 5-1

Field Parameters and Sample Locations

Analytes / Measurements	Site	Matrix	Wells / Areas
Temperature pH Conductivity Dissolved Oxygen ReDox potential Turbidity	SS13	GW	MW-01, MW-02
	SS15		WW-02, WW-07, WW-08
	LF03		CMW-1, CMW-2 to CMW-7
Alkalinity Total Iron Sulfate Nitrate	SS13	GW	MW-01, MW-02
	SS13	SW	SW-01, SW-02, SW-03
	SS15	GW	WW02, WW07, WW08
Metals Alkalinity Total Iron	LF03	GW	CMW-1, CMW-2 to CMW-7
		SW	SD/SW-1, SD/SW-2, SD/SW-3
		SD	SD/SW-1, SD/SW-2, SD/SW-3

5.1 Site SS13 - Field Parameters, Inorganics and Metals

Sampling requirements for 1999 surface water sampling and groundwater (monitoring well) sampling at SS13 included analyses for field parameters, total iron, sulfate and nitrate. See Section 4.1 for hydrocarbon data and sample locations at site SS13.

Table 5-2

Summary of SS13 Field Parameters and Sample Locations

SS13 Sampling Locations	Matrix	Field Parameters, Inorganics and Metals
MW-01, MW-02	GW	Temp, pH, Conductivity, Dissolved Ooygen, ReDox, Turbidity, Alkalinity, Total Iron, Sulfate and Nitrate
SW-01, SW-02, SW-03	SW	Alkalinity, Total Iron, Sulfate and Nitrate

5.1.1 Site SS13 – Groundwater - Field Parameters, Inorganics and Metals

SS13 field parameters and inorganic analyses were conducted on samples collected from groundwater at wells MW-01 and MW-02.

Table 5-3

Site SS13-Groundwater–Field Parameter, Inorganic and Metal Data–October 1999

Well ID	Temp [°C]	pH units	Cond* [µS/cm]	DO** [mg/L]	Redox [mv]	Turbidity [NTU]	Alk+ [mg/L]	Iron,total [mg/L]	Sulfate [mg/L]	Nitrate [mg/L]
MW-01	2.0	8.7	0.10	6.9	69	42	37.6	13.6	2.73	0.667
MW-02	1.0	8.5	0.03	11.9	142	NS	12	116	1.47	0 70

* Conductivity ** Dissolved Oxygen + Alkalinity NS = Not Sampled.

Table 5-4

Site SS13-Groundwater–Field Parameter, Inorganic and Metal Data–September 1997

Well ID	Temp [°C]	pH units	Cond* [µS/cm]	DO** [mg/L]	ReDox [mv]	Turbidity [NTU]	Alk+ [mg/L]	Iron,total [mg/L]	Sulfate [mg/L]	Nitrate [mg/L]
MW-01	2.25	5 66	85	7.1	157	1000	120	7.8	28	39.1
MW-02	2.4	5.7	34	10.4	116	312	60	2.4	NS	33.7

* Conductivity ** Dissolved Oxygen + Alkalinity NS = Not Sampled.

Evaluation of Groundwater Data for Site SS13

As shown in the tables above, conductivity, alkalinity, sulfate and nitrate are significantly lower for 1999 samples for both MW-1 and MW-2. Total iron is higher in 1999 samples with a significant increase at MW-2. High DO indicates that aerobic activity is not limited by oxygen. Difference in DO and alkalinity at MW-01 and MW-02 may indicate aerobic degradation is occurring but at a slow rate due to low temperatures.

Hydrocarbon data from 1997 indicates that GRO, BTEX and DRO levels were significantly higher than 1999 samples. In 1997, High DO, and Alkalinity with an optimal pH range, and slightly higher temperatures indicate that intrinsic remediation was occurring and effective.

5.1.2 Site SS13 – Surface Water - Inorganics and Metals

SS13 inorganic parameters were measured on samples collected from surface water samples at locations SW-1, SW-2, and SW-3.

The objective of sampling the surface water was to collect water chemistry data and to assess potential effects from runoff.

Table 5-5

Site SS13-Surface Water–Inorganic and Metal Data–October 1999

Well ID	Alkalinity	Iron, total	Sulfate	Nitrate
SW-01	120	7.8	1.42	0.70
SW-02	60	2.4	1.31	0 70
SW-03	NA	NA	1.37	0.76

NA = Not Analyzed. All results in mg/L.

Table 5-6

Site SS13-Surface Water–Inorganic and Metal Data–September 1997

Well ID	Alkalinity	Iron, total	Sulfate	Nitrate
SW-01	20	0 2	0	17 22
SW-02	20	0.2	0	15 1
SW-03	20	0 2	0	15 9

NA = Not Analyzed. All results in mg/L.

Evaluation of Surface Water Data for Site SS13

As shown in the tables above, alkalinity, total iron, and sulfate levels have increased from 1997, while nitrate levels have decreased. Fuel constituents have been non-detectable at any site SS13 surface water locations for both 1999 and 1997 sampling events. The available data does not indicate any migration of hydrocarbon contaminants from surface runoff or upstream sites.

5.2 Site SS15 - Field Parameters, Inorganics and Metals

Sampling requirements for 1999 surface water sampling and monitoring well sampling at SS15 included analyses for field parameters, total iron, sulfate and nitrate. Table 5-7 summarizes field parameters, inorganics sampling and analytical requirements for site SS15. See Section 4.2 for hydrocarbon data and sample locations at site SS15.

Table 5-7

Summary of SS15 Field Parameters and Sample Locations

SS15 Sampling Locations	Matrix	Field Parameters, Inorganics and Metals
WW-02, WW-07, WW-08	GW	Temp, pH Conductivity, Dissolved Oxygen, ReDox, Turbidity, Alkalinity, Total Iron, Sulfate and Nitrate

5.2.1 Site SS15 – Groundwater - Field Parameters, Inorganics and Metals

SS15 Field parameters and inorganic analyses were conducted on samples collected from groundwater at wells WW-02 and MW-07 and WW-08.

Hydrocarbon analytical data from 1999 sampling detected DRO levels above MCL at WW-02 and at lower levels at WW-08. All other constituents were non-detectable at all three wells. Hydrocarbon levels from 1997 indicated detectable levels of GRO, DRO, BTEX and SVOC compounds. See Section 4.2 for Hydrocarbon Data.

Table 5-7a

Site SS15–Groundwater–Field Parameter, Inorganic and Metal Data–October 1999

Well ID	Temp [°C]	pH units	Cond* [µS/cm]	DO** [mg/L]	Redox [mv]	Turbidity [NTU]	Alk+ [mg/L]	Iron,total [mg/L]	Sulfate [mg/L]	Nitrate [mg/L]
WW-02	2.0	8.4	0.20	3.2	40	42	104	8.52	54.3	0.62
WW-07	3.2	11.1	0.08	12 9	234	1000	NA	62.3	NA	NA
WW-08	1.0	7 6	0.06	11.0	108	1000	NA	43.9	NA	NA

* Conductivity ** Dissolved Oxygen + Alkalinity NA = Not Analyzed.

Table 5-8

Site SS15–Groundwater–Field Parameter, Inorganic and Metal Data–Sept. 1997

Well ID	Temp [°C]	pH units	Cond* [µS/cm]	DO** [mg/L]	Redox [mv]	Turbidity [NTU]	Alk+ [mg/L]	Iron,total [mg/L]	Sulfate [mg/L]	Nitrate [mg/L]
WW-02	2.53	6.37	510	2.36	330	149	260	10	55	99.8
WW-07	3.52	5.92	63	13.5	247	240	60	7.4	NS	89.2
WW-08	2.57	5.87	57	13.9	244	490	40	2.2	6.0	88.1

* Conductivity ** Dissolved Oxygen + Alkalinity NS = Not Sampled.

Evaluation of Groundwater Data for Site SS15

Lower DO values at WW-02 may indicate aerobic degradation activity. Overall lower hydrocarbon levels compared to 1997 tests indicate that biodegradation has occurred and is continuing. Low temperatures are slowing the overall rate.

High temperatures, optimal pH, high conductivity, high ReDox and high alkalinity, especially at WW-02, indicate active biodegradation. Lower DO at WW-02 relative to DO at WW-07 and WW-08 corresponds with significant hydrocarbon reduction from 1997 to 1999.

5.3 Site LF03 – Field Parameters, Inorganics and Metals

Analytical requirements for 1999 surface water sampling and monitoring well sampling at LF03 included analyses for ICP metals, total iron, and alkalinity. Collection of field parameters was not required at LF03 surface water areas. Previous Closure Monitoring Reports for LF03 – August 1998 (samples collected Sept. 1997) and April 1997 (samples collected June 1996) conducted analyses for selected metals but did not include analyses for total iron or alkalinity. See Section 4.3 for hydrocarbon data and sample locations at site LF03.

Table 5-9

Summary of LF03 Field Parameters and Sample Locations

LF03 Sampling Locations	Matrix	
CMW-1, CMW-2 to CMW-7	GW	Temp, pH, Conductivity, Dissolved Oxygen, ReDox, Turbidity, Alkalinity, Sulfate and Nitrate Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Nead, Nickel, Vanadium, and Zinc
SD/SW-1, SD/SW-2, SD/SW-3	SW	Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Nickel, Vanadium, and Zinc.
SD/SW-1, SD/SW-2, SD/SW-3	SD	Arsenic, Barium, Beryllium, Cadmium, Zinc.

5.3.1 LF03 – Surface Water –Inorganics and Metals

Inorganic/metals sampling at LF03 included the collection of samples from surface water sampling areas SD/SW-1, SD/SW-2, and SD/SW-3.

In 1997 no iron or alkalinity sampling was conducted.

Table 5-9a

LF03 Surface Water Field Parameters and Sample Locations

LF03 Surface Water Locations	Matrix	Metals with an ADEC MCL*
SD/SW-1, SD/SW-2, SD/SW-3	SW	Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Nickel, Vanadium, and Zinc.
* MCL per 18 AAC 75 341 Table C		

Field parameter and inorganic constituent sampling at this site was limited to metals analysis. Hydrocarbon sample data from these surface water locations collected in 1999 indicate that fuel constituents were non-detectable at all three locations. The 1997 data from SD/SW-2 detected DRO levels at less than the MCL and PCB levels above the MCL. Both constituents were non-detected in 1999 data. See Section 4.3.2 for hydrocarbon data. The following table summarizes metals testing at Site LF03 surface water locations for 1997 and 1999 sampling events. MCLs are listed for analytes that have an established MCL.

Table 5-10

Site LF03 Surface Water Metals Data 1997 and 1999

Analyte	SW-1		SW-2		SW-3		MCL
	1997	1999	1997	1999	1997	1999	
Aluminum	-	ND	-	-	-	ND	NL
Antimony	-	ND	-	-	-	ND	NL
Arsenic	ND	ND	0.01	-	ND	ND	0 05
Barium	ND	ND	0.232	-	0 021	ND	2 0
Beryllium	-	ND	-	-	-	ND	0.004
Boron	-	ND	-	-	-	ND	NL
Cadmium	ND	ND	0.001	-	ND	ND	0.005
Calcium	-	1.5	-	-	-	2.23	NL
Chromium	ND	ND	0.024	-	ND	ND	0.1
Cobalt	-	ND	-	-	-	ND	NL
Copper	ND	ND	0.02	-	ND	ND	1.3
Iron	-	ND	-	-	-	ND	NL
Lead	ND	ND	0.023	-	ND	ND	0.015

Table 5-10 continued

Analyte	SW-1		SW-2		SW-3		MCL
	1997	1999	1997	1999	1997	1999	
Magnesium	-	0.437	-	-	-	ND	NL
Manganese	-	ND	-	-	-	ND	NL
Molybdenum	-	ND	-	-	-	ND	NL
Nickel	-	ND	-	-	-	ND	0.1
Potassium	-	ND	-	-	-	5.29	NL
Selenium	-	ND	-	-	-	ND	0.05
Silicon	-	2.64	-	-	-	ND	NL
Silver	-	ND	-	-	-	ND	0.18
Sodium	-	3.02	-	-	-	2 89	NL
Strontium	-	ND	-	-	-	ND	NL
Vanadium	ND	ND	0.041	-	ND	ND	0.26
Zinc	ND	ND	0.203	-	ND	ND	11.0
Zirconium	-	ND	-	-	-	ND	NL
Alkalinity	-	-	-	-	-	-	NL

ND = Not Detected above method reporting limit / practical quantitation limit. - Not Analyzed
NL = No Limit established by ADEC All results in **mg/L**

5.3.2 LF03 - Groundwater- Field Parameters, Inorganics and Metals

Monitoring wells at this site included eight (8) wells designated as MW-1, CMW-1, CMW-2, CMW-3, CMW-4, CMW-5, CMW-6, and CMW-7. Well numbers MW-1 and CMW-2 were dry and not sampled in 1999. See Figure 3, page 7, for sample locations.

Table 5-11

LF03 Groundwater Field Parameters and Sample Locations

LF03 Groundwater Sampling Locations	Matrix	Field Parameters, Inorganics and Metals
MW-01, CMW-1 to CMW-7	GW	Temp, pH Conductivity, Dissolved Oxygen, ReDox, Turbidity, Alkalinity, Total Iron, ICP Metals

Table 5-12

Site LF03-Monitoring Wells - Field Parameter, Inorganics, Metals Data– October 1999

Well ID	Temp [°C]	pH units	Cond* [µS/cm]	DO** [mg/L]	Redox [mv]	Turbidity [NTU]	Alk+ [mg/L]	Iron,total [mg/L]	Sulfate [mg/L]	Nitrate [mg/L]
CMW-1	3.0	10.1	0.02	12.7	87	99	7.42	60.1	NS	NS
CMW-3	3.0	8 2	0.04	9.9	77	99	10.4	38.5	NS	NS
CMW-4	3.0	7.1	0.15	7.3	65	99	69 3	25.8	NS	NS
CMW-5	3.0	8 3	0.07	12.0	51	15	25.7	12.2	NS	NS
CMW-6	2.0	8.7	0.03	11.9	52	99	10.9	25 9	NS	NS
CMW-7	2.0	10.1	0.06	11.4	94	99	19.8	43	NS	NS

* Conductivity ** Dissolved Oxygen + Alkalinity NS = Not Sampled.

Table 5-13

Site LF03-Monitoring Wells Field Parameter, Inorganics, Metals Data– July 1997

Well ID	Temp [°C]	pH units	Cond* [µS/cm]	DO** [mg/L]	Redox [mv]	Turbidity [NTU]	Alk+ [mg/L]	Iron,total [mg/L]	Sulfate [mg/L]	Nitrate [mg/L]
CMW-1	1:4	6.3	0.09	9 65	85	1000	NS	NS	NS	NS
CMW-3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CMW-4	1.0	6.67	0.46	7.99	132	1000	NS	NS	NS	NS
CMW-5	2.2	6.2	0 36	3.24	-117	340	NS	NS	NS	NS
CMW-6	0.8	6.40	0.027	11.9	- 128	1000	NS	NS	NS	NS
CMW-7	0.3	6.15	0.125	7.6	109	708	NS	NS	NS	NS

* Conductivity ** Dissolved Oxygen + Alkalinity NS = Not Sampled.

Table 5-14

Site LF03-Monitoring Wells Field Parameter, Inorganics, Metals Data– June 1996

Well ID	Temp [°C]	pH units	Cond* [µS/cm]	DO** [mg/L]	ReDox [mv]	Turbidity [NTU]	Alk+ [mg/L]	Iron,total [mg/L]	Sulfate [mg/L]	Nitrate [mg/L]
CMW-1	5.0	6.3	0.664	1.39	- 146	1000	NS	NS	NS	NS
CMW-2	8 5	6 9	0.173	6.34	134	1000	NS	NS	NS	NS
CMW-3	6 3	6.4	0.91	5 8	156	1000	NS	NS	NS	NS
CMW-4	4.9	6 3	0.258	3.8	16	1000	NS	NS	NS	NS
CMW-5	5.3	6.9	0 168	2.7	178	1000	NS	NS	NS	NS
CMW-6	1 7	6 8	0 039	8.3	135	1000	NS	NS	NS	NS
CMW-7	5 9	6.5	0.60	2.40	10	1000	NS	NS	NS	NS

* Conductivity ** Dissolved Oxygen + Alkalinity NS = Not Sampled.

Evaluation of Groundwater Data for Site LF03

See Section 4.3.1 Hydrocarbon Data.

Hydrocarbon data indicates that fuel constituents have decreased steadily since 1996 sampling. BTEX, GRO, DRO, Benzene and some SVOC compounds were detected in 1997. Data from 1996 sampling showed GRO, BTEX and SVOC compounds were non-detected. DRO was detected in several of the wells. Data from 1999 samples indicates that the only hydrocarbons detected were DRO at CMW-4 and CMW-5 with levels below the MCL.

High alkalinity, neutral pH and lower DO at CMW-4 may be indicative of continuing fuel degradation at this well. Review of 1997 and 1996 field parameter and inorganic data was limited due to lack of inorganics testing in those years. Conductivity measurements indicate that the water source is similar for all wells.

GRO, BTEX and SVOC levels at LF03 have decreased since 1996 sampling. In 1996, DRO levels were detected in several wells, however CMW-4 was the only well with DRO levels exceeding the MCL. pH range is optimal but low temperatures may be affecting biodegradation rate. Conductivity values are similar.

Hydrocarbon levels were generally higher at the well sites in 1996. Low DO levels and optimal pH range with warmer temperatures indicate that conditions for intrinsic remediation were sufficient.

5.3.3 LF03 –Groundwater - Metals

The following table summarizes metals data from LF03 monitoring wells that were sampled in 1999, 1997, and 1996.

Table 5-15

Site LF03 Groundwater Metals Data 1997 and 1999

Analyte Metal	CMW-1		CMW-2		CMW-3		CMW-4		CMW-5		CMW-6		CMW-7		MCL *
	1997	1999	1997	1999	1997	1999	1997	1999	1997	1999	1997	1999	1997	1999	
Aluminum	NA	57 1	Not Sampled	Not Sampled	NA	29.2	NA	15 2	NA	2 76	NA	16.7	NA	25 2	
Antimony	NA	0 1			NA	0 1	NA	0 222	NA	0 222	NA	0.222	NA	0 222	0.006
Arsenic	0.05	0 05			0.05	0 05	0 111	0 111	0 111	0.111	0.111	0 111	0.111	0 111	0.05
Barium	1.08	1 08			0.338	0.338	0 221	0 221	0 0918	0.0918	0.305	0.305	0 507	0.507	2
Beryllium	0 00305	0.00305			0 001	0 001	0 00222	0 00222	0.00222	0 00222	0 00222	0 00222	0.00222	0.00222	0.004
Boron	0.00305	0 05			0 001	0 05	0.00222	0.111	0 00222	0.111	0 00222	0.111	0 00222	0.111	
Calcium	0.01	15 8			0 01	6 73	20	20	8 22	8.22	6.63	6 63	12.6	12 6	
Cadmium	0 01	0.01			0 01	0.01	20	0.0222	8.22	0 022	6 63	0 0222	12.6	0 0222	0 005
Chromium	0.0798	0 0798			0 0505	0.0505	0.015	0.0361	0 0111	0 0111	0.0111	0 0111	0 0371	0 0371	0.1
Cobalt	0 0601	0 0601			0 0208	0.0208	0 0361	0 015	0.0111	0 0111	0 0323	0.0323	0 0861	0.0861	
Copper	0 0552	0 0552			0 0246	0.0246	0 0423	0 0423	0 0111	0 0111	0 0156	0 0156	0.03	0.03	1 3
Iron	0 0552	60 1			0 0246	38 5	0.0423	25 8	0 0111	12 2	0.0156	25 9	0.03	43	
Lead	0 0926	0 0926			0 05	0 05	5	0 178	5	0 11	5	0 111	11 4	0 111	0 015
Magnesium	0 0926	15 4			0 05	8.45	5	9 29	5	2 09	5	6 92	11 4	15 1	
Manganese	0 0926	1 26			0.05	0 644	5	2.23	5	1 56	5	0 612	11 4	0 864	
Molybdenum	0.0926	0.025			0.05	0 025	5	0 0556	5	0.0556	5	0 0556	11 4	0.0556	
Nickel	0 0488	0 0488			0 0317	0 0317	6 74	0 0223	4.15	0 022	4 24	0 0222	5.53	0 0483	0.1
Potassium	0.0488	13			0 0317	3 07	6 74	5	4.15	5	4 24	5	5.53	11.4	
Selenium	0 0488	0.1			0 0317	0 1	6.74	0 222	4.15	0.222	4 24	0 111	5.53	0 111	0.05
Silicon	0 0488	57 9			0 0317	53 1	6.74	23 7	4 15	7.02	4 24	23 7	5.53	34.5	
Silver	0 0488	0 005			0.0317	0 005	6.74	0.0111	4 15	0.011	4.24	0.011	5 53	0 011	0.18
Sodium	0 0488	8 01			0 0317	4.41	6 74	6.74	4 15	4 15	4.24	4 24	5.53	5 53	
Strontium	0 0488	0 385			0 0317	0 07	6 74	0 201	4 15	0 0842	4 24	0 0866	5.53	0 122	
Vanadium	0 0859	0 0859			0.0793	0 0793	0.0443	0 0443	0.0111	0 0111	0.0367	0 0367	0 0972	0 0972	
Zinc	0 307	0 307			0 0903	0 0903	0.221	0.221	0 0649	0.0649	0 0585	0 0585	0 107	0 107	11
Zirconium	7 42	0 025			10 4	0 025	69 3	0.0556	25 7	0 0556	10 9	0.0556	19 8	0.0556	
Alkalinity	NA	7 42			NA	10.4	NA	69.3	NA	25.7	NA	10.9	NA	19.8	

Note: Unit of measure for all results is **mg/L**
NA = Not Analyzed
MCL = Maximum Contaminant Level

5.3.4 Site LF03 – Sediment – Metals

Metals sampling requirements for LF03 sediment sites included collection of samples from sediment areas SD/SW-1, SD/SW-2 and SD/SW-3. See Figure 3, page 7, for sample locations. See Section 4.3.3 for related hydrocarbon data.

Table 5-16

LF03 Sediment Sample Locations and Testing Requirements

LF03 Sampling Locations	Matrix	Metals
SD/SW-1 SD/SW-2 SD/SW-3	SD	Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Nickel, Vanadium and Zinc.

Table 5-17

1997&1999 LF03 Sediment Metals Analytical Results

Analyte	SD-1		SD-2		SD-3		MCL
	1997	1999	1997	1999	1997	1999	
Aluminum	-	13000	-	8670	-	20200	NL
Antimony	ND	11.7	ND	ND	ND	ND	
Arsenic	3.1	7.72	6.43	6 57	3.56	ND	2
Barium	55.3	91.2	128	73.1	68.3	174	1100
Beryllium	0.132	0.186	0.23	0.123	0.195	ND	42
Boron	-	5.84	-	ND	-	ND	NL
Cadmium	0.1	1 17	0 62	ND	0.084	ND	5
Calcium	-	2510	-	1510	-	4060	NL
Chromium	8.46	27.1	15.1	18.5	13.9	42.3	26
Cobalt	4.62	8.59	9.34	7.1	6.7	14.2	NL
Copper	15.5	23 6	14.9	9 75	9	15.9	NL
Iron	-	**24500**	-	**16200**	-	**32400**	**NL**
Lead	16.6	311	17.5	9 23	5.25	9.33	400
Magnesium	-	**5040**	-	**3950**	-	**10400**	NL
Manganese	-	253	-	349	-	273	NL
Molybdenum	-	2.92	-	2.98	-	ND	NL
Nickel	12.7	17.2	14.5	13.1	11.1	26 4	87
Potassium	-	1070	-	1590	-	4950	NL
Selenium	-	11.7	-	ND	-	ND	3.5

Table 5-17 continued

Analyte	SD-1		SD-2		SD-3		MCL
	1997	1999	1997	1999	1997	1999	
Silver	ND	5 84	ND	0.59	ND	ND	21
Sodium		108		86.2		231	NL
Strontium		12.9		5.59		16.3	NL
Vanadium	18.2	38.5	17	27 2	26 4	62.3	3400
Zinc	26.8	86.9	169	81.3	30 7	59.5	9100
Zirconium		6.23		3.38		7 27	NL

ND = Not Detected above method reporting limit / practical quantitation limit. - Not Analyzed.
NL = No Limit established by ADEC All results in **mg/Kg**

Sampling locations are adjacent to the landfill cap at site LF03. Elevated iron and magnesium levels shown in **bold** in the above table are indicative of potential contaminant migration from landfill.

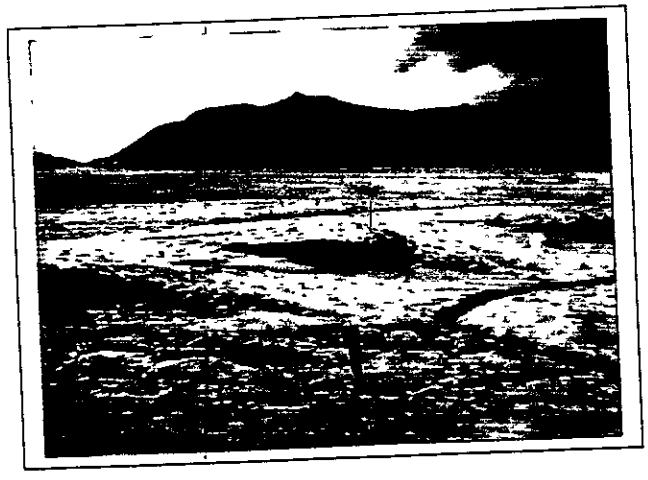
Section 6 – Landfill #2 (LF03) Cap Inspection and Repair Activities

Cap inspection activities and objectives for Cape Romanzof Landfill #2 (LF03) included visual inspection of the cap, an assessment of cap integrity and effectiveness, and recommendations for any necessary repairs. See Figure 3, page 7.

6.1 Landfill #2 (LF03) Cap Inspection – October 1999

During the October 1999 site inspection, the area was covered with six inches of snow, which limited the inspection process. Snow was removed in approximately eight areas to allow direct inspection of the cap. No visible signs of erosion were observed.

Two seep areas, as shown on Figure 3, were observed on the southeast side of the landfill. These seep areas were originally identified in 1998. Each seep area has very noticeable rust colored stain soils.



Landfill #2 area in October 1999. Site visit scheduled for summer 2000 inspection.

Landfill #2 Cap – Limited visibility affected visual inspection activities.

6.2 Repair Recommendations

The landfill cap visual inspection was extremely limited due to snow cover. A site visit during the summer of 2000 is recommended to conduct an inspection when there is no snow cover.

Section 7 – Recommendations and Conclusions

This section presents conclusions and recommendations for sampling and inspection activities at sites SS13, SS15 and LF03.

- In general, hydrocarbon levels have decreased steadily at groundwater and surface water sites and surface soil sampling locations.
- Sediment hydrocarbon levels were sharply higher at site SS13 location SS-01. This is probably due to non-homogeneous distribution of contaminants throughout the area.
- Field parameter measurements, inorganic sampling data and the decrease in hydrocarbon levels indicate that intrinsic remediation processes are effective and continuing.

Table 7-1

Summary of Conclusion and Recommendations for Site SS13

Conclusion	Recommendation
Groundwater samples at this location were collected at monitoring wells MW-01 and MW-02. MW-01 showed a decrease in all hydrocarbon constituents from 1997 levels; DRO at MW-01 still exceeds the MCL. SVOCs associated with this site were well below MCLs in 1997. All hydrocarbon constituents at MW-02 were reduced from 1997 levels to non-detected or well below MCLs in 1999. Field parameter and inorganics review indicates that intrinsic remediation processes are active and that hydrocarbon levels are decreasing over time.	Continue sampling at these monitoring wells to monitor hydrocarbons, especially DRO. Conduct sampling activities during the summer to assess effects of temperature on remediation rate. Review of field parameters and inorganic constituent levels indicate that conditions are within acceptable ranges to facilitate intrinsic remediation.
Surface water samples at this site were collected at areas SW-01, SW-02 and SW-03. Results have been non-detectable for all hydrocarbon constituents for 1997 and 1999 samples	Continue sampling at these surface water areas to monitor potential contaminant migration from upstream or surface runoff.
Sediment samples were collected at locations SS-01 and SS-06. BTEX and SVOCs were non-detected at SS-01. GRO and RRO were detected but below MCLs. DRO levels (55,800 mg/Kg) at SS-01 greatly exceeded the MCL (250mg/Kg). GRO, BTEX and SVOCs were non-detected at SS-06. DRO and RRO were detected but less than the MCLs.	Increase the number of sampling sites in the vicinity of these sediment sites to further characterize the extent of contamination. Review of field parameters and inorganic constituent levels indicate that conditions are within acceptable ranges to facilitate intrinsic remediation

Table 7-1 continued

Conclusion	Recommendation
Near surface soil samples were collected at locations LB-03, LB-07 and LB-08. GRO, BTEX and SVOCs were non-detected at any of these locations in 1999. RRO levels were detected in all three locations but less than the MCL. DRO at all three locations have greatly decreased from 1997, but all three 1999 levels significantly exceed the MCL.	Continue sampling at all three surface soil areas to monitor contaminant levels, especially GRO, DRO and RRO. Collect additional samples adjacent to these areas to determine extent of contaminated area. Review of field parameters and inorganic constituent levels indicate that conditions are within acceptable ranges to facilitate intrinsic remediation.

Table 7-2

Summary of Conclusion and Recommendations for Site SS15

Conclusion	Recommendation
Groundwater samples at this location were collected from monitoring wells WW-02, WW-07 and WW-08. The DRO sample from WW-02 exceeded the MCL. Some SVOCs were detected at WW-02 but below the MCLs. GRO, DRO, RRO and BTEX levels were all non-detected at WW-07. GRO, RRO and BTEX levels were all non-detected at WW-08; DRO was detected but below the MCL. In general all hydrocarbon levels were lower in 1999 than in 1997 samples.	Continue sampling at these monitoring wells to monitor hydrocarbons especially DRO. Review of field parameters and inorganic constituent levels indicate that conditions are within acceptable range to facilitate intrinsic remediation.

Table 7-3

Summary of Conclusion and Recommendations for Site LF03

Conclusion	Recommendation
Landfill #2 (LF-03) – Sampling	
Groundwater samples at this location were collected from monitoring wells CMW-01, CMW-03, CMW-04, CMW-05, CMW-06 and CMW-07. GRO, BTEX, SVOCs and PCBs were non-detected at all wells in 1999 DRO was detected at levels less than the MCL at wells CMW-4 and CMW-5. In general, hydrocarbon levels have decreased at all wells compared to sample data from 1996 and 1997.	Continue sampling at these monitoring wells to monitor hydrocarbon levels, especially DRO. Review of field parameters and inorganic constituent levels indicate that conditions are with acceptable range to facilitate intrinsic remediation.
Surface water samples at this site were collected at locations SD/SW-1, SD/SW-2 and SD/SW-3. All constituents were non-detected for all surface water samples in 1999. PCBs were detected above the MCL in 1997 at SD/SW-2 but were non-detected in 1999.	Continue sampling at these surface water locations to monitor hydrocarbon levels and assess impacts from runoff, especially DRO and PCB at SD/SW-2. Collect samples at dry and wet seasons to assess potential effects of runoff.
Sediment samples collected at this site were collected at SD/SW-1, SD/SW-2 and SD/SW-3. GRO, BTEX, PCBs and SVOCs were non-detected at all three areas in 1999. DRO was detected at all three areas in 1999 but at levels below the MCL.	Increase the number of sampling sites in the vicinity of these sediment sites to further characterize the extent of contamination.
Landfill #2 (LF-03) – Landfill Cap Inspection	
October 1999 Cap inspection limited due to snow cover.	Conduct additional inspection during summer 2000.

Section 8 – Compliance Documents and References.

This section presents a list of applicable compliance documents and a list of references used in developing and preparing this report.

8.1 Compliance Documents

- Occupational Safety and Health Administration (OSHA) Act
- Model Quality Assurance Project Plan (QAPP), current edition, Air Force Center for Environmental Excellence/Environmental Restoration Division (AFCEE/ER), Brooks AFB, TX
- ADEC UST Procedures Manual, December 1, 1999
- ADEC UST 18 AAC 78, as amended through April 16, 2000
- ADEC UST 18 AAC 75, Articles 3 and 9, as amended through January 22, 1999

8.2 References

1997 PCB Sampling Long-Term Monitoring Letter Report, Cape Newenham LRRS, Alaska; Contract No. DACA85-94-D-0005, Delivery Order No. 12, August 25, 1997.

Final Work Plan and Site Safety & Health Plan Addendum No. 2, U.S. Air Force 611th ASG CES, Elmendorf AFB, Alaska, August 1996.

Final Remedial Action Report, PCB Cap Construction, IRP Site Code SS07, Cape Newenham LRRS, Alaska, U.S. Air Force 611th ASG CES, Elmendorf AFB, Alaska, November 1996.

Final Report, Remedial Investigation of PCBs at Upper Camp (SS07), Cape Newenham LRRS, Alaska, U.S. Air Force 611th ASG CES, Elmendorf AFB, Alaska, March 1996.

Human Health and Ecological Risk Assessment for PCBs at Upper Camp (SS07), Cape Newenham LRRS, AK, U.S. Air Force 611th ASG CES, Elmendorf AFB, AK, February 1997.

Final SS15 Technical Report, U.S. Air Force, Cape Romanzof LRRS, Alaska, Installation Restoration Program, July 1998.

Final Remedial Investigation/Feasibility Study Report for SS13, U.S. Air Force, Cape Romanzof LRRS, Alaska, Installation Restoration Program, August 1998.

Closure Monitoring Report, Landfill 2 (LF03), Cape Romanzof LRRS, Alaska, U.S. Air Force, 611th ASG CES, Elmendorf AFB, Alaska, April 1997.

Closure Monitoring Report, Landfill 2 (LF03), Cape Romanzof LRRS, Alaska, U.S. Air Force, 611th ASG CES, Elmendorf AFB, Alaska, April 1998.

Technical Protocol for Implementing Intrinsic Remediation with Long-Term Monitoring for Natural Attenuation of Fuel Contamination Dissolved in Groundwater, Air Force Center for Environmental Excellence Technology Transfer Division Brooks AFB, San Antonio, Texas November 1995 – Volume I

Technical Protocol for Implementing Intrinsic Remediation with Long-Term Monitoring for Natural Attenuation of Fuel Contamination Dissolved in Groundwater, Air Force Center for Environmental Excellence Technology Transfer Division Brooks AFB, San Antonio, Texas November 1995 – Volume II

TAB

Appendix A

Analytical Data

Cape Romanz f Site LF03
Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT LOQ	REPDL
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Diesel Range Organics	mg/Kg	98 3		11 9
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Silver	mg/Kg	5 84		5 84
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Aluminum	mg/Kg	13000		584
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Arsenic	mg/Kg	7 72		5 84
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Barium	mg/Kg	91 2		0 584
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Beryllium	mg/Kg	0 186		0 117
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Boron	mg/Kg	5 84		5 84
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Cadmium	mg/Kg	1 17		1 17
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Calcium	mg/Kg	2510		584
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Cobalt	mg/Kg	8 59		0 584
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Chromium	mg/Kg	27 1		0 584
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Copper	mg/Kg	23 6		0 584
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Iron	mg/Kg	24500		292
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Potassium	mg/Kg	1070		263
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Magnesium	mg/Kg	5040		58 4
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Manganese	mg/Kg	253		1 17
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Molybdenum	mg/Kg	2 92		2 92
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Sodium	mg/Kg	108		58 4
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Nickel	mg/Kg	17 2		1 17
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Lead	mg/Kg	311		2 92
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Selenium	mg/Kg	11 7		11 7
99CRLFSD11	SD-1	Sediment	10/14/99	AK102/103	Strontium	mg/Kg	12 9		1 75
99CRLFSD11	SD-1	Sediment	10/14/99	SM18 2540G	Vanadium	mg/Kg	38 5		0 584
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Zinc	mg/Kg	86 9		1 17
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Zirconium	mg/Kg	6 23		2 92
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Antimony	mg/Kg	11 7		11 7
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Aroclor-1016	mg/Kg	0 0745		0 0745
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Aroclor-1221	mg/Kg	0 0745		0 0745
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Aroclor-1232	mg/Kg	0 0745		0 0745
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Aroclor-1242	mg/Kg	0 0745		0 0745
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Aroclor-1248	mg/Kg	0 0745		0 0745
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Aroclor-1254	mg/Kg	0 0745		0 0745
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Aroclor-1260	mg/Kg	0 0745		0 0745
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	N-Nitrosodimethylamine	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Pyridine	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Aniline	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Phenol	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Bis(2-Chloroethyl)ether	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2-Chlorophenol	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	1,3-Dichlorobenzene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	1,4-Dichlorobenzene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Benzyl alcohol	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	1,2-Dichlorobenzene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2-Methylphenol (o-Cresol)	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	bis(2-chloroisopropyl)ether	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	3&4-Methylphenol (p&m-Cresol)	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	N-Nitroso-di-n-propylamine	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Hexachloroethane	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Nitrobenzene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Isophorone	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2-Nitrophenol	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2,4-Dimethylphenol	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Benzoic acid	mg/Kg	22		22
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Bis(2-Chloroethoxy)methane	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	1,2,4-Trichlorobenzene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Naphthalene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	4-Chloroaniline	mg/Kg	8 7		8 7
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Hexachlorobutadiene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	4-Chloro-3-methylphenol	mg/Kg	8 7		8 7
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2,4-Dichlorophenol	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2-Methylnaphthalene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Hexachlorocyclopentadiene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2,4,6-Trichlorophenol	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2,4,5-Trichlorophenol	mg/Kg	4 3		4 3

Cape R manzof Site LF03
Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2-Chloronaphthalene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2-Nitroaniline	mg/Kg	22		22
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Dimethylphthalate	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Acenaphthylene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2,6-Dinitrotoluene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	3-Nitroaniline	mg/Kg	22		22
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Acenaphthene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2,4-Dinitrophenol	mg/Kg	22		22
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	4-Nitrophenol	mg/Kg	22		22
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Dibenzofuran	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2,4-Dinitrotoluene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Diethylphthalate	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	4-Chlorophenyl-phenylether	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Fluorene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	4-Nitroaniline	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	2-Methyl-4,6-dinitrophenol	mg/Kg	22		22
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	N-Nitrosodiphenylamine	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	4-Bromophenyl-phenylether	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Hexachlorobenzene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Pentachlorophenol	mg/Kg	22		22
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Phenanthrene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Anthracene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Di-n-butylphthalate	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Fluoranthene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Pyrene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Azobenzene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Butylbenzylphthalate	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	3,3-Dichlorobenzidine	mg/Kg	8 7		8 7
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Benzo(a)Anthracene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Chrysene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	bis(2-Ethylhexyl)phthalate	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	di-n-Octylphthalate	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846 6010B	Benzo[b]Fluoranthene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846-8270	Benzo[k]fluoranthene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846-8270	Benzo[a]pyrene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846-8270	Dibenzo[a,h]anthracene	mg/Kg	4 3		4 3
99CRLFSD11	SD-1	Sediment	10/14/99	SW846-8270	Benzo[g,h,i]perylene	mg/Kg	4 3		4 3
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Gasoline Range Organics	mg/Kg	2 77		2 77
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Dichlorodifluoromethane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Chloromethane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Vinyl chloride	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Bromomethane	mg/Kg	0 28	J	0 28
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Chloroethane	mg/Kg	0 28	J	0 28
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Trichlorofluoromethane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,1-Dichloroethene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Carbon disulfide	mg/Kg	0 28	J	0 28
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Methylene chloride	mg/Kg	0 14	J	0 14
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	trans-1,2-Dichloroethene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,1-Dichloroethane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	2-Butanone (MEK)	mg/Kg	0 28	J	0 28
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	2,2-Dichloropropane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	cis-1,2-Dichloroethene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Bromochloromethane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Chloroform	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,1,1-Trichloroethane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Carbon tetrachloride	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,1-Dichloropropene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Benzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,2-Dichloroethane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Trichloroethene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,2-Dichloropropane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Dibromomethane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Bromodichloromethane	mg/Kg	0 028	J	0 028

Cape R manzof Site LF03
Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	2-Chloroethyl Vinyl Ether	mg/Kg	0 28	J	0 28
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	cis-1,3-Dichloropropene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/Kg	0 28	J	0 28
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Toluene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	trans-1,3-Dichloropropene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,1,2-Trichloroethane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Tetrachloroethene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,3-Dichloropropane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	2-Hexanone	mg/Kg	0 28	J	0 28
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Dibromochloromethane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,2-Dibromoethane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Chlorobenzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,1,1,2-Tetrachloroethane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Ethylbenzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	P & M -Xylene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	o-Xylene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Styrene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Bromoform	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Isopropylbenzene (Cumene)	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Bromobenzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,1,2,2-Tetrachloroethane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,2,3-Trichloropropane	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	n-Propylbenzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	2-Chlorotoluene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	4-Chlorotoluene	mg/Kg	0.028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,3,5-Trimethylbenzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	tert-Butylbenzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,2,4-Trimethylbenzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	sec-Butylbenzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,3-Dichlorobenzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	4-Isopropyltoluene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,4-Dichlorobenzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,2-Dichlorobenzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	n-Butylbenzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,2-Dibromo-3-chloropropane	mg/Kg	0 28	J	0 28
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,2,4-Trichlorobenzene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Hexachlorobutadiene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	Naphthalene	mg/Kg	0 028	J	0 028
99CRLFSD12	SD-1	Sediment	10/14/99	SW846-8260	1,2,3-Trichlorobenzene	mg/Kg	0 028	J	0 028
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Diesel Range Organics	mg/Kg	112		12 6
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Silver	mg/Kg	0 595		0 595
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Aluminum	mg/Kg	8670		595
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Arsenic	mg/Kg	6 57		5 95
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Barium	mg/Kg	73 1		0 595
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Beryllium	mg/Kg	0 123		0 119
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Boron	mg/Kg	5 95		5 95
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Cadmium	mg/Kg	1 19		1 19
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Calcium	mg/Kg	1510		595
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Cobalt	mg/Kg	7 14		0 595
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Chromium	mg/Kg	18 5		0 595
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Copper	mg/Kg	9 75		0 595
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Iron	mg/Kg	16200		298
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Potassium	mg/Kg	1590		268
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Magnesium	mg/Kg	3950		595
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Manganese	mg/Kg	349		1 19
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Molybdenum	mg/Kg	2 98		2 98
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Sodium	mg/Kg	86 2		59 5
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Nickel	mg/Kg	13 1		1 19
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Lead	mg/Kg	9 23		2 98
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Selenium	mg/Kg	11 9		11 9
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Strontium	mg/Kg	5 59		1 79
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Vanadium	mg/Kg	27 2		0 595
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Zinc	mg/Kg	81 3		1 19
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Zirconium	mg/Kg	3 38		2 98

Cape R manz f Site LF03
Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT LCQ	REPDL
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Antimony	mg/Kg	11 9		11 9
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Aroclor-1016	mg/Kg	7 95		7 95
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Aroclor-1221	mg/Kg	7 95		7 95
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Aroclor-1232	mg/Kg	7 95		7 95
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Aroclor-1242	mg/Kg	7 95		7 95
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Aroclor-1248	mg/Kg	7 95		7 95
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Aroclor-1254	mg/Kg	7 95		7 95
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Aroclor-1260	mg/Kg	197		7 95
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	N-Nitrosodimethylamine	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Pyridine	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Aniline	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Phenol	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Bis(2-Chloroethyl)ether	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2-Chlorophenol	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	1,3-Dichlorobenzene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	1,4-Dichlorobenzene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Benzyl alcohol	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	1,2-Dichlorobenzene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2-Methylphenol (o-Cresol)	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	bis(2-chloroisopropyl)ether	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	3&4-Methylphenol (p&m-Cresol)	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	N-Nitroso-di-n-propylamine	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Hexachloroethane	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Nitrobenzene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Isophorone	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2-Nitrophenol	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2,4-Dimethylphenol	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Benzoic acid	mg/Kg	2 1		2 1
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Bis(2-Chloroethoxy)methane	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	1,2,4-Trichlorobenzene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Naphthalene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	4-Chloroaniline	mg/Kg	0 84		0 84
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Hexachlorobutadiene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	4-Chloro-3-methylphenol	mg/Kg	0 84		0 84
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2,4-Dichlorophenol	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2-Methylnaphthalene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Hexachlorocyclopentadiene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2,4,6-Trichlorophenol	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2,4,5-Trichlorophenol	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2-Chloronaphthalene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2-Nitroaniline	mg/Kg	2 1		2 1
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Dimethylphthalate	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Acenaphthylene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2,6-Dinitrotoluene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	3-Nitroaniline	mg/Kg	2 1		2 1
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Acenaphthene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2,4-Dinitrophenol	mg/Kg	2 1		2 1
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	4-Nitrophenol	mg/Kg	2 1		2 1
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Dibenzofuran	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2,4-Dinitrotoluene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Diethylphthalate	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	4-Chlorophenyl-phenylether	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Fluorene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	4-Nitroaniline	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/Kg	2 1		2 1
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	N-Nitrosodiphenylamine	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	4-Bromophenyl-phenylether	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Hexachlorobenzene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Pentachlorophenol	mg/Kg	2 1		2 1
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Phenanthrene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Anthracene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Di-n-butylphthalate	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Fluoranthene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Pyrene	mg/Kg	0 41		0 41

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Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Azobenzene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Butylbenzylphthalate	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	3,3-Dichlorobenzidine	mg/Kg	0 84		0 84
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Benzo(a)Anthracene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Chrysene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	di-n-Octylphthalate	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Benzo[b]Fluoranthene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Benzo[k]fluoranthene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Benzo[a]pyrene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Dibenzo[a,h]anthracene	mg/Kg	0 41		0 41
99CRLFSD21	SD-2	Sediment	10/14/99	SW846-8270	Benzo[g,h,i]perylene	mg/Kg	0 41		0 41
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Gasoline Range Organics	mg/Kg	1 95		1 95
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Dichlorodifluoromethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Chloromethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Vinyl chlonde	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Bromomethane	mg/Kg	0 2	J	0 2
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Chloroethane	mg/Kg	0 2	J	0 2
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Trichlorofluoromethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,1-Dichloroethene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Carbon disulfide	mg/Kg	0 2	J	0 2
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Methylene chlonde	mg/Kg	0 098	J	0 098
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	trans-1,2-Dichloroethene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,1-Dichloroethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	2-Butanone (MEK)	mg/Kg	0 2	J	0 2
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	2,2-Dichloropropane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	cis-1,2-Dichloroethene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Bromochloromethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Chloroform	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,1,1-Trichloroethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Carbon tetrachlonde	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,1-Dichloropropene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Benzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,2-Dichloroethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Trichloroethene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,2-Dichloropropane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Dibromomethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Bromodichloromethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	2-Chloroethyl Vinyl Ether	mg/Kg	0 2	J	0 2
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	cis-1,3-Dichloropropene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/Kg	0 2	J	0 2
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Toluene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	trans-1,3-Dichloropropene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,1,2-Trichloroethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Tetrachloroethene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,3-Dichloropropane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	2-Hexanone	mg/Kg	0 2	J	0 2
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Dibromochloromethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,2-Dibromoethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Chlorobenzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,1,1,2-Tetrachloroethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Ethylbenzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	P & M -Xylene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	o-Xylene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Styrene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Bromoform	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Isopropylbenzene (Cumene)	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Bromobenzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,1,2,2-Tetrachloroethane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,2,3-Trichloropropane	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	n-Propylbenzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	2-Chlorotoluene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	4-Chlorotoluene	mg/Kg	0 02	J	0 02

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Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,3,5-Trimethylbenzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	tert-Butylbenzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,2,4-Trimethylbenzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	sec-Butylbenzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,3-Dichlorobenzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	4-Isopropyltoluene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,4-Dichlorobenzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,2-Dichlorobenzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	n-Butylbenzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,2-Dibromo-3-chloropropane	mg/Kg	0 2	J	0 2
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,2,4-Trichlorobenzene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Hexachlorobutadiene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	Naphthalene	mg/Kg	0 02	J	0 02
99CRLFSD22	SD-2	Sediment	10/14/99	SW846-8260	1,2,3-Trichlorobenzene	mg/Kg	0 02	J	0 02
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Diesel Range Organics	mg/Kg	109		57 2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Silver	mg/Kg	1 38		1 38
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Aluminum	mg/Kg	20200		1380
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Arsenic	mg/Kg	13 8		13 8
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Barium	mg/Kg	174		1 38
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Beryllium	mg/Kg	0 277		0 277
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Boron	mg/Kg	13 8		13 8
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Cadmium	mg/Kg	2 77		2 77
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Calcium	mg/Kg	4060		1380
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Cobalt	mg/Kg	14 2		1 38
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Chromium	mg/Kg	42 3		1 38
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Copper	mg/Kg	15 9		1 38
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Iron	mg/Kg	32400		692
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Potassium	mg/Kg	4950		623
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Magnesium	mg/Kg	10400		1380
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Manganese	mg/Kg	273		2 77
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Molybdenum	mg/Kg	6 92		6 92
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Sodium	mg/Kg	231		138
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Nickel	mg/Kg	26 4		2 77
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Lead	mg/Kg	9 33		6 92
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Selenium	mg/Kg	27 7		27 7
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Strontium	mg/Kg	16 3		4 15
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Vanadium	mg/Kg	62 3		1 38
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Zinc	mg/Kg	59 5		2 77
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Zirconium	mg/Kg	7 27		6 92
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Antimony	mg/Kg	27 7		27 7
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Aroclor-1016	mg/Kg	0 149		0 149
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Aroclor-1221	mg/Kg	0 149		0 149
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Aroclor-1232	mg/Kg	0 149		0 149
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Aroclor-1242	mg/Kg	0 149		0 149
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Aroclor-1248	mg/Kg	0 149		0 149
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8270	Aroclor-1254	mg/Kg	0 149		0 149
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Aroclor-1260	mg/Kg	0 149		0 149
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	N-Nitrosodimethylamine	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Pyridine	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Aniline	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Phenol	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Bis(2-Chloroethyl)ether	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	2-Chlorophenol	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	1,3-Dichlorobenzene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	1,4-Dichlorobenzene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Benzyl alcohol	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	1,2-Dichlorobenzene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	2-Methylphenol (o-Cresol)	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	bis(2-chloroisopropyl)ether	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	3&4-Methylphenol (p&m-Cresol)	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	N-Nitroso-di-n-propylamine	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Hexachloroethane	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Nitrobenzene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Isophorone	mg/Kg	2		2

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Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT QUAL	RPDL
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	2-Nitrophenol	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	2,4-Dimethylphenol	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Benzoic acid	mg/Kg	10		10
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Bis(2-Chloroethoxy)methane	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	1,2,4-Trichlorobenzene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Naphthalene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	4-Chloroaniline	mg/Kg	4 1		4 1
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Hexachlorobutadiene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	4-Chloro-3-methylphenol	mg/Kg	4 1		4 1
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	2,4-Dichlorophenol	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	2-Methylnaphthalene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Hexachlorocyclopentadiene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	2,4,6-Trichlorophenol	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	2,4,5-Trichlorophenol	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	2-Chloronaphthalene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	2-Nitroaniline	mg/Kg	10		10
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Dimethylphthalate	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Acenaphthylene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	2,6-Dinitrotoluene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	3-Nitroaniline	mg/Kg	10		10
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Acenaphthene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	2,4-Dinitrophenol	mg/Kg	10		10
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	4-Nitrophenol	mg/Kg	10		10
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Dibenzofuran	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	2,4-Dinitrotoluene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	Diethylphthalate	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	VOL FUEL INST	4-Chlorophenyl-phenylether	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Fluorene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	4-Nitroaniline	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	2-Methyl-4,6-dinitrophenol	mg/Kg	10		10
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	N-Nitrosodiphenylamine	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	4-Bromophenyl-phenylether	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Hexachlorobenzene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Pentachlorophenol	mg/Kg	10		10
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Phenanthrene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Anthracene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Di-n-butylphthalate	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Fluoranthene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Pyrene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Azobenzene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Butylbenzylphthalate	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	3,3-Dichlorobenzidine	mg/Kg	4 1		4 1
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Benzo(a)Anthracene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Chrysene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	bis(2-Ethylhexyl)phthalate	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	di-n-Octylphthalate	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Benzo[b]Fluoranthene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Benzo[k]fluoranthene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Benzo[a]pyrene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Indeno[1,2,3-c,d] pyrene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Dibenzo[a,h]anthracene	mg/Kg	2		2
99CRLFSD31	SDE-3	Sediment	10/14/99	SW846-8260	Benzo[g,h,i]perylene	mg/Kg	2		2
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	Gasoline Range Organics	mg/Kg	21		21
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	Dichlorodifluoromethane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	Chloromethane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	Vinyl chloride	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	Bromomethane	mg/Kg	2 3	J	2 3
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	Chloroethane	mg/Kg	2 3	J	2 3
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	Trichlorofluoromethane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	1,1-Dichloroethene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	Methylene chloride	mg/Kg	1 2	J	1 2
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	Carbon disulfide	mg/Kg	2 3	J	2 3
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	trans-1,2-Dichloroethene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	1,1-Dichloroethane	mg/Kg	0 23	J	0 23

Cape Romanzof Site LF03
Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	2,2-Dichloropropane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	cis-1,2-Dichloroethene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	2-Butanone (MEK)	mg/Kg	2 3	J	2 3
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	Bromochloromethane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	Chloroform	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	1,1,1-Trichloroethane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	Carbon tetrachloride	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846-8260	1,1-Dichloropropene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Benzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,2-Dichloroethane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Trichloroethene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,2-Dichloropropane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Dibromomethane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Bromodichloromethane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	2-Chloroethyl Vinyl Ether	mg/Kg	2 3	J	2 3
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	cis-1,3-Dichloropropene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Toluene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	trans-1,3-Dichloropropene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,1,2-Trichloroethane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Tetrachloroethene	mg/Kg	0 23	J	0.23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,3-Dichloropropane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Dibromochloromethane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,2-Dibromoethane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Chlorobenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,1,1,2-Tetrachloroethane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Ethylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	P & M -Xylene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	o-Xylene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Styrene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Bromoform	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Isopropylbenzene (Cumene)	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Bromobenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,1,2,2-Tetrachloroethane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,2,3-Trichloropropane	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	n-Propylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	2-Chlorotoluene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	4-Chlorotoluene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,3,5-Trimethylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	tert-Butylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,2,4-Trimethylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	sec-Butylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,3-Dichlorobenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	4-Isopropyltoluene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,4-Dichlorobenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,2-Dichlorobenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	n-Butylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,2-Dibromo-3-chloropropane	mg/Kg	2 3	J	2 3
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,2,4-Trichlorobenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Hexachlorobutadiene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	Naphthalene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	1,2,3-Trichlorobenzene	mg/Kg	0 23	J	0 23
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	4-Methyl-2-pentanone (MIBK)	mg/Kg	2 3	J	2 3
99CRLFSD32	SDE-3	Sediment	10/14/99	SW846 6010B	2-Hexanone	mg/Kg	2 3	J	2 3
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Gasoline Range Organics	mg/Kg	20 3		20 3
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Dichlorodifluoromethane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Chloromethane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Vinyl chloride	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Bromomethane	mg/Kg	2 3	J	2 3
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Chloroethane	mg/Kg	2 3	J	2 3
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Trichlorofluoromethane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,1-Dichloroethene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Methylene chloride	mg/Kg	1 1	J	1 1
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Carbon disulfide	mg/Kg	2 3	J	2 3
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	trans-1,2-Dichloroethene	mg/Kg	0 23	J	0 23

Cape R manzof Site LF03
Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPORT
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,1-Dichloroethane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	2,2-Dichloropropane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	cis-1,2-Dichloroethene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	2-Butanone (MEK)	mg/Kg	2 3	J	2 3
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Bromochloromethane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Chloroform	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,1,1-Trichloroethane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Carbon tetrachlonde	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,1-Dichloropropene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Benzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,2-Dichloroethane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Trichloroethene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,2-Dichloropropane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Dibromomethane	mg/Kg	0 23	J	0.23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Bromodichloromethane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	2-Chloroethyl Vinyl Ether	mg/Kg	2 3	J	2 3
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	cis-1,3-Dichloropropene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Toluene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	trans-1,3-Dichloropropene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,1,2-Trichloroethane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Tetrachloroethene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,3-Dichloropropane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Dibromochloromethane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,2-Dibromoethane	mg/Kg	0 23	J	0.23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Chlorobenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,1,1,2-Tetrachloroethane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Ethylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	P & M -Xylene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	o-Xylene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Styrene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Bromoform	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Isopropylbenzene (Cumene)	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Bromobenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,1,2,2-Tetrachloroethane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,2,3-Trichloropropane	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	n-Propylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	2-Chlorotoluene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	4-Chlorotoluene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,3,5-Trimethylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	tert-Butylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,2,4-Trimethylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	sec-Butylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,3-Dichlorobenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	4-Isopropyltoluene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,4-Dichlorobenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,2-Dichlorobenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	n-Butylbenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,2-Dibromo-3-chloropropane	mg/Kg	2 3	J	2 3
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,2,4-Trichlorobenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Hexachlorobutadiene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Naphthalene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	1,2,3-Trichlorobenzene	mg/Kg	0 23	J	0 23
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	4-Methyl-2-pentanone (MIBK)	mg/Kg	2 3	J	2 3
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	2-Hexanone	mg/Kg	2 3	J	2 3
99CRLFSD33	SDE-3	Sediment	10/14/99	SW846 6010B	Gasoline Range Organics	mg/Kg	2 5		2 5
Trip Blank	NA	Sediment		SW846 6010B	Dichlorodifluoromethane	mg/Kg	0 025		0.025
Trip Blank	NA	Sediment		SW846 6010B	Chloromethane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Vinyl chloride	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Bromomethane	mg/Kg	0 25		0 25
Trip Blank	NA	Sediment		SW846 6010B	Chloroethane	mg/Kg	0 25		0 25
Trip Blank	NA	Sediment		SW846 6010B	Trichlorofluoromethane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	1,1-Dichloroethene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Carbon disulfide	mg/Kg	0 25		0 25
Trip Blank	NA	Sediment		SW846 6010B	Methylene chloride	mg/Kg	0 13		0 13

Cape Romanzof Site LF03
Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT QAC	REPDL
Trip Blank	NA	Sediment		SW846 6010B	trans-1,2-Dichloroethene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	1,1-Dichloroethane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	2-Butanone (MEK)	mg/Kg	0 25		0 25
Trip Blank	NA	Sediment		SW846 6010B	2,2-Dichloropropane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	cis-1,2-Dichloroethene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Bromochloromethane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Chloroform	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	1,1,1-Trichloroethane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Carbon tetrachloride	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	1,1-Dichloropropene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Benzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	1,2-Dichloroethane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Trichloroethene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	1,2-Dichloropropane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Dibromomethane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Bromodichloromethane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	2-Chloroethyl Vinyl Ether	mg/Kg	0 25		0 25
Trip Blank	NA	Sediment		SW846 6010B	cis-1,3-Dichloropropene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	4-Methyl-2-pentanone (MIBK)	mg/Kg	0 25		0 25
Trip Blank	NA	Sediment		SW846 6010B	Toluene	mg/Kg	0.025		0 025
Trip Blank	NA	Sediment		SW846 6010B	trans-1,3-Dichloropropene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	1,1,2-Trichloroethane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Tetrachloroethene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	1,3-Dichloropropane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	2-Hexanone	mg/Kg	0 25		0 25
Trip Blank	NA	Sediment		SW846 6010B	Dibromochloromethane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	1,2-Dibromoethane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Chlorobenzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	1,1,1,2-Tetrachloroethane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Ethylbenzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	P & M -Xylene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	o-Xylene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Styrene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Bromoform	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Isopropylbenzene (Cumene)	mg/Kg	0.025		0 025
Trip Blank	NA	Sediment		SW846 6010B	Bromobenzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	1,1,2,2-Tetrachloroethane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	1,2,3-Trichloropropane	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	n-Propylbenzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846 6010B	2-Chlorotoluene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	4-Chlorotoluene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	1,3,5-Trimethylbenzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	tert-Butylbenzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	1,2,4-Trimethylbenzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	sec-Butylbenzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	1,3-Dichlorobenzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	4-Isopropyltoluene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	1,4-Dichlorobenzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	1,2-Dichlorobenzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	n-Butylbenzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	1,2-Dibromo-3-chloropropane	mg/Kg	0 25		0 25
Trip Blank	NA	Sediment		SW846-8260	1,2,4-Trichlorobenzene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	Hexachlorobutadiene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	Naphthalene	mg/Kg	0 025		0 025
Trip Blank	NA	Sediment		SW846-8260	1,2,3-Trichlorobenzene	mg/Kg	0 025		0 025

Cape Romanz f Site LF03
Surface Water Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFSW11	SW-1	Surface Water	10/14/99	AK102 DRO	Diesel Range Organics	mg/L	0 308		0 308
99CRLFSW12	SW-1	Surface Water	10/14/99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1
99CRLFSW12	SW-1	Surface Water	10/14/99	AK101 GRO	4-Bromofluorobenzene <Surr>	%			1
99CRLFSW12	SW-1	Surface Water	10/14/99	AK101 GRO	1,4-Difluorobenzene <Surr>	%			1
99CRLFSW13	SW-1	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1016	ug/L	1 03		1 03
99CRLFSW13	SW-1	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1221	ug/L	1 03		1 03
99CRLFSW13	SW-1	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1232	ug/L	1 03		1 03
99CRLFSW13	SW-1	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1242	ug/L	1 03		1 03
99CRLFSW13	SW-1	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1248	ug/L	1 03		1 03
99CRLFSW13	SW-1	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1254	ug/L	1 03		1 03
99CRLFSW13	SW-1	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1260	ug/L	1 03		1 03
99CRLFSW13	SW-1	Surface Water	10/14/99	SW846-8260	Dichlorodifluoromethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Chloromethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Vinyl chloride	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Bromomethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Chloroethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Trichlorofluoromethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Methylene chloride	mg/L	0 005		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Carbon disulfide	mg/L	0 01		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	trans-1,2-Dichloroethene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	2,2-Dichloropropane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	cis-1,2-Dichloroethene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	2-Butanone (MEK)	mg/L	0 01		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Bromochloromethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Chloroform	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,1,1-Trichloroethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Carbon tetrachloride	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Benzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,2-Dichloroethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Trichloroethene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,2-Dichloropropane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Dibromomethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Bromodichloromethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	2-Chloroethyl Vinyl Ether	mg/L	0 01		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	cis-1,3-Dichloropropene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Toluene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	trans-1,3-Dichloropropene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,1,2-Trichloroethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Tetrachloroethene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,3-Dichloropropane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Dibromochloromethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,2-Dibromoethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Chlorobenzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,1,1,2-Tetrachloroethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Ethylbenzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	P & M -Xylene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	o-Xylene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Styrene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Bromoform	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Isopropylbenzene (Cumene)	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Bromobenzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,1,2,2-Tetrachloroethane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,2,3-Trichloropropane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	n-Propylbenzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	2-Chlorotoluene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	4-Chlorotoluene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,3,5-Trimethylbenzene	mg/L	0 001		1

Cape R manz f Site LF03
Surface Water Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	tert-Butylbenzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,2,4-Trimethylbenzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	sec-Butylbenzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,3-Dichlorobenzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	4-Isopropyltoluene	mg/L	0 00207		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,4-Dichlorobenzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,2-Dichlorobenzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	n-Butylbenzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,2-Dibromo-3-chloropropane	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,2,4-Trichlorobenzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Hexachlorobutadiene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	Naphthalene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	1,2,3-Trichlorobenzene	mg/L	0 001		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/L	0 01		1
99CRLFSW14	SW-1	Surface Water	10/14/99	SW846-8260	2-Hexanone	mg/L	0 01		1
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	N-Nitrosodimethylamine	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Pyridine	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Aniline	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Phenol	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Bis(2-Chloroethyl)ether	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2-Chlorophenol	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	1,3-Dichlorobenzene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	1,4-Dichlorobenzene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Benzyl alcohol	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	1,2-Dichlorobenzene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2-Methylphenol (o-Cresol)	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	bis(2-chloroisopropyl)ether	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	3&4-Methylphenol (p&m-Cresol)	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	N-Nitroso-di-n-propylamine	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Hexachloroethane	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Nitrobenzene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Isophorone	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2-Nitrophenol	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2,4-Dimethylphenol	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Benzoic acid	mg/L	0 052	J	0 052
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Bis(2-Chloroethoxy)methane	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2,4-Dichlorophenol	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	1,2,4-Trichlorobenzene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Naphthalene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	4-Chloroaniline	mg/L	0 021	J	0 021
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Hexachlorobutadiene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	4-Chloro-3-methylphenol	mg/L	0 021	J	0 021
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2-Methylnaphthalene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Hexachlorocyclopentadiene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2,4,6-Trichlorophenol	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2,4,5-Trichlorophenol	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2-Chloronaphthalene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2-Nitroaniline	mg/L	0 052	J	0 052
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Dimethylphthalate	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2,6-Dinitrotoluene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Acenaphthylene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	3-Nitroaniline	mg/L	0 052	J	0 052
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Acenaphthene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2,4-Dinitrophenol	mg/L	0 052	J	0 052
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	4-Nitrophenol	mg/L	0 052	J	0 052
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2,4-Dinitrotoluene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Dibenzofuran	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Diethylphthalate	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Fluorene	mg/L	0 01	J	0 01

Cape Romanzof Site LF03
Surfac Water Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	4-Chlorophenyl-phenylether	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	4-Nitroaniline	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/L	0 052	J	0 052
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	N-Nitrosodiphenylamine	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Azobenzene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	4-Bromophenyl-phenylether	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Hexachlorobenzene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Pentachlorophenol	mg/L	0 052	J	0 052
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Phenanthrene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Anthracene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Di-n-butylphthalate	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Fluoranthene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Pyrene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Butylbenzylphthalate	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	3,3-Dichlorobenzidine	mg/L	0 021	J	0 021
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Benzo(a)Anthracene	mg/L	0.01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Chrysene	mg/L	0.01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	di-n-Octylphthalate	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Benzo[b]Fluoranthene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Benzo[k]fluoranthene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Benzo[a]pyrene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Dibenzo[a,h]anthracene	mg/L	0 01	J	0 01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW846-8270	Benzo[g,h,i]perylene	mg/L	0 01	J	0.01
99CRLFSW15	SW-1	Surface Water	10/14/99	SW6010B	Silver	mg/L	0 0118		0 0118
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Aluminum	mg/L	0 118		0 118
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Arsenic	mg/L	0 118		0 118
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Barium	mg/L	0 0118		0 0118
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Beryllium	mg/L	0 00235		0 0024
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Boron	mg/L	0 118		0 118
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Cadmium	mg/L	0 0235		0 0235
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Calcium	mg/L	1 5		1 18
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Cobalt	mg/L	0 0118		0 0118
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Chromium	mg/L	0 0118		0 0118
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Copper	mg/L	0 0118		0 0118
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Iron	mg/L	0 0588		0 0588
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Potassium	mg/L	5 29		5 29
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Magnesium	mg/L	0 437		0 118
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Manganese	mg/L	0 0235		0 0235
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Molybdenum	mg/L	0 0588		0 0588
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Sodium	mg/L	3 02		1 18
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Nickel	mg/L	0 0235		0 0235
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Lead	mg/L	0 118		0 118
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Selenium	mg/L	0 235		0 235
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Silicon	mg/L	2 64		0 588
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Strontium	mg/L	0 0353		0 0353
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Titanium	mg/L	0 0588		0 0588
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Vanadium	mg/L	0 0118		0 0118
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Zinc	mg/L	0 0235		0 0235
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Zirconium	mg/L	0 0588		0 0588
99CRLFSW16	SW-1	Surface Water	10/14/99	SW6010B	Antimony	mg/L	0 235		0 235
99CRLFSW16	SW-1	Surface Water	10/14/99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1
99CRLFSW22	SW-2	Surface Water	10/14/99	SW846-8260	Dichlorodifluoromethane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Chloromethane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Vinyl chloride	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Bromomethane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Chloroethane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Trichlorofluoromethane	mg/L	0 001		1

Cape Romanzof Site LF03
Surface Water Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPORT LIMIT
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Methylene chlonde	mg/L	0 005		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Carbon disulfide	mg/L	0 01		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	trans-1,2-Dichloroethene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	2,2-Dichloropropane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	cis-1,2-Dichloroethene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	2-Butanone (MEK)	mg/L	0 01		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Bromochloromethane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Chloroform	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,1,1-Trichloroethane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Carbon tetrachlonde	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Benzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,2-Dichloroethane	mg/L	0.001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Trichloroethene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,2-Dichloropropane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Dibromomethane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Bromodichloromethane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	2-Chloroethyl Vinyl Ether	mg/L	0 01		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	cis-1,3-Dichloropropene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Toluene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	trans-1,3-Dichloropropene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,1,2-Trichloroethane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Tetrachloroethene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,3-Dichloropropane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Dibromochloromethane	mg/L	0.001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,2-Dibromoethane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Chlorobenzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,1,1,2-Tetrachloroethane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Ethylbenzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	P & M -Xylene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	o-Xylene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Styrene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Bromoform	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Isopropylbenzene (Cumene)	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Bromobenzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,1,2,2-Tetrachloroethane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,2,3-Trichloropropane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	n-Propylbenzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	2-Chlorotoluene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	4-Chlorotoluene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,3,5-Trimethylbenzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	tert-Butylbenzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,2,4-Trimethylbenzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	sec-Butylbenzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,3-Dichlorobenzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	4-Isopropyltoluene	mg/L	0 00138		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,4-Dichlorobenzene	mg/L	0.001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,2-Dichlorobenzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	n-Butylbenzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,2-Dibromo-3-chloropropane	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,2,4-Trichlorobenzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Hexachlorobutadiene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	Naphthalene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	1,2,3-Trichlorobenzene	mg/L	0 001		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/L	0 01		1
99CRLFSW24	SW-2	Surface Water	10/14/99	SW846-8260	2-Hexanone	mg/L	0 01		1
99CRLFSW24	SW-2	Surface Water	10/14/99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1
99CRLFSW27	SW-2	Surface Water	10/14/99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1
99CRLFSW32	SW-3	Surface Water	10/14/99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1

Cape Romanzof Site LF03
Surface Water Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT QUAL	REPORTING LIMIT
99CRLFSW33	SW-3	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1016	ug/L	1 03		1 03
99CRLFSW33	SW-3	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1221	ug/L	1 03		1 03
99CRLFSW33	SW-3	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1232	ug/L	1 03		1 03
99CRLFSW33	SW-3	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1242	ug/L	1 03		1.03
99CRLFSW33	SW-3	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1248	ug/L	1 03		1 03
99CRLFSW33	SW-3	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1254	ug/L	1 03		1 03
99CRLFSW33	SW-3	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1260	ug/L	1 03		1 03
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Dichlorodrfluoromethane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Chloromethane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Vinyl chlonde	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Bromomethane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Chloroethane	mg/L	0.001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Tnchlorofluoromethane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Methylene chlonde	mg/L	0 005		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Carbon disulfide	mg/L	0 01		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	trans-1,2-Dichloroethene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	2,2-Dichloropropane	mg/L	0.001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	cis-1,2-Dichloroethene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	2-Butanone (MEK)	mg/L	0 01		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Bromochloromethane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Chloroform	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,1,1-Tnchloroethane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Carbon tetrachlonde	mg/L	0.001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Benzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,2-Dichloroethane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Tnchloroethene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,2-Dichloropropane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Dibromomethane	mg/L	0.001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Bromodichloromethane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	2-Chloroethyl Vinyl Ether	mg/L	0 01		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	cis-1,3-Dichloropropene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Toluene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	trans-1,3-Dichloropropene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,1,2-Tnchloroethane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Tetrachloroethene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,3-Dichloropropane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Dibromochloromethane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,2-Dibromoethane	mg/L	0.001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Chlorobenzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,1,1,2-Tetrachloroethane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Ethylbenzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	P & M -Xylene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	o-Xylene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Styrene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Bromoform	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Isopropylbenzene (Cumene)	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Bromobenzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,1,2,2-Tetrachloroethane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,2,3-Tnchloropropane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	n-Propylbenzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	2-Chlorotoluene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	4-Chlorotoluene	mg/L	0.001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,3,5-Tnmethylbenzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	tert-Butylbenzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,2,4-Trimethylbenzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	sec-Butylbenzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,3-Dichlorobenzene	mg/L	0 001		1

Cape R manz f Site LF03
Surface Water Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Azobenzene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	4-Bromophenyl-phenylether	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Hexachlorobenzene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Pentachlorophenol	mg/L	0 051		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Phenanthrene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Anthracene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Di-n-butylphthalate	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Fluoranthene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Pyrene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Butylbenzylphthalate	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	3,3-Dichlorobenzidine	mg/L	0 02		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Benzo(a)Anthracene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Chrysene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	di-n-Octylphthalate	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Benzo[b]Fluoranthene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Benzo[k]fluoranthene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Benzo[a]pyrene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/L	0 01		1.02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Dibenzo[a,h]anthracene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Benzo[g,h,i]perylene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2-Fluorophenol <Surr>	%			1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Phenol-d6 <Surr>	%			1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Nitrobenzene-d5 <Surr>	%			1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2-Fluorobiphenyl <Surr>	%			1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2,4,6-Tribromophenol <Surr>	%			1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Terphenyl-d14 <Surr>	%			1 02
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Silver	mg/L	0 0114		1 14
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Aluminum	mg/L	0 172		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Arsenic	mg/L	0 118		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Barium	mg/L	0 0132		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Beryllium	mg/L	0 00235		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Boron	mg/L	0 118		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Cadmium	mg/L	0 0235		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Calcium	mg/L	2 23		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Cobalt	mg/L	0 0118		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Chromium	mg/L	0 0118		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Copper	mg/L	0 0118		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Iron	mg/L	0 165		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Potassium	mg/L	5 29		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Magnesium	mg/L	0 53		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Manganese	mg/L	0 0235		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Molybdenum	mg/L	0 0588		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Sodium	mg/L	2 89		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Nickel	mg/L	0 0235		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Lead	mg/L	0 118		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Selenium	mg/L	0 235		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Silicon	mg/L	3 12		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Strontium	mg/L	0 0353		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Vanadium	mg/L	0 0118		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Zinc	mg/L	0 0235		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Zirconium	mg/L	0 0588		1 18
99CRLFSW36	SW-3	Surface Water	10/14/99	SW846 6010B	Antimony	mg/L	0 235		1 18
99CRLFSW37	SW-3	Surface Water	10/14/99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1

Cape Romanz f Site LF03
Surface Water Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	4-Isopropyltoluene	mg/L	0 00143		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,4-Dichlorobenzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,2-Dichlorobenzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	n-Butylbenzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,2-Dibromo-3-chloropropane	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,2,4-Trichlorobenzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Hexachlorobutadiene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	Naphthalene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	1,2,3-Trichlorobenzene	mg/L	0 001		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/L	0 01		1
99CRLFSW34	SW-3	Surface Water	10/14/99	SW846-8260	2-Hexanone	mg/L	0 01		1
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	N-Nitrosodimethylamine	mg/L	0.01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Pyridine	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Aniline	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Phenol	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Bis(2-Chloroethyl)ether	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2-Chlorophenol	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	1,3-Dichlorobenzene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	1,4-Dichlorobenzene	mg/L	0 01		1.02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Benzyl alcohol	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	1,2-Dichlorobenzene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2-Methylphenol (o-Cresol)	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	bis(2-chloroisopropyl)ether	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	3&4-Methylphenol (p&m-Cresol)	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	N-Nitroso-di-n-propylamine	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Hexachloroethane	mg/L	0 01		1.02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Nitrobenzene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Isophorone	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2-Nitrophenol	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2,4-Dimethylphenol	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Benzoic acid	mg/L	0 051		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Bis(2-Chloroethoxy)methane	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2,4-Dichlorophenol	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	1,2,4-Trichlorobenzene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Naphthalene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	4-Chloroaniline	mg/L	0 02		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Hexachlorobutadiene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	4-Chloro-3-methylphenol	mg/L	0 02		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2-Methylnaphthalene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Hexachlorocyclopentadiene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2,4,6-Trichlorophenol	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2,4,5-Trichlorophenol	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2-Chloronaphthalene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2-Nitroaniline	mg/L	0 051		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Dimethylphthalate	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2,6-Dinitrotoluene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Acenaphthylene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	3-Nitroaniline	mg/L	0 051		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Acenaphthene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2,4-Dinitrophenol	mg/L	0 051		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	4-Nitrophenol	mg/L	0 051		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2,4-Dinitrotoluene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Dibenzofuran	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Diethylphthalate	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	Fluorene	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	4-Chlorophenyl-phenylether	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	4-Nitroaniline	mg/L	0 01		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/L	0 051		1 02
99CRLFSW35	SW-3	Surface Water	10/14/99	SW846-8270	N-Nitrosodiphenylamine	mg/L	0 01		1 02

Cape R manzof Site LF03
Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPORTING LIMIT
99CRLFGWC11	CMW-1	Groundwater	14-10-99	AK102 DRO	Diesel Range Organics	mg/L	0 3		0 3
99CRLFGWC12	CMW-1	Groundwater	10/14/99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1
99CRLFGWC13	CMW-1	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1016	ug/L	1 02		1 02
99CRLFGWC13	CMW-1	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1221	ug/L	1 02		1 02
99CRLFGWC13	CMW-1	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1232	ug/L	1 02		1 02
99CRLFGWC13	CMW-1	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1242	ug/L	1 02		1 02
99CRLFGWC13	CMW-1	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1248	ug/L	1 02		1 02
99CRLFGWC13	CMW-1	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1254	ug/L	1 02		1 02
99CRLFGWC13	CMW-1	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1260	ug/L	1 02		1 02
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Dichlorodifluoromethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Chloromethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Vinyl chlonde	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Bromomethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Chloroethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Trichlorofluoromethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,1-Dichloroethene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Methylene chlonde	mg/L	0 005		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Carbon disulfide	mg/L	0 01		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	trans-1,2-Dichloroethene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,1-Dichloroethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	2,2-Dichloropropane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	cis-1,2-Dichloroethene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	2-Butanone (MEK)	mg/L	0 01		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Bromochloromethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Chloroform	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,1,1-Trichloroethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Carbon tetrachlonde	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Benzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,2-Dichloroethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Trichloroethene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,2-Dichloropropane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Dibromomethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Bromodichloromethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	2-Chloroethyl Vinyl Ether	mg/L	0 01		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	cis-1,3-Dichloropropene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Toluene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	trans-1,3-Dichloropropene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,1,2-Trichloroethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Tetrachloroethene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,3-Dichloropropane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Dibromochloromethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,2-Dibromoethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Chlorobenzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,1,1,2-Tetrachloroethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Ethylbenzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	P & M -Xylene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	o-Xylene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Styrene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Bromoform	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Isopropylbenzene (Cumene)	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Bromobenzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,1,2,2-Tetrachloroethane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,2,3-Trichloropropane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	n-Propylbenzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	2-Chlorotoluene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	4-Chlorotoluene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,3,5-Trimethylbenzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	tert-Butylbenzene	mg/L	0 001		1

Cape Romanz f Site LF03
Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,2,4-Trimethylbenzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	sec-Butylbenzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,3-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	4-Isopropyltoluene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,4-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,2-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	n-Butylbenzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,2-Dibromo-3-chloropropane	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,2,4-Trichlorobenzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Hexachlorobutadiene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	Naphthalene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	1,2,3-Trichlorobenzene	mg/L	0 001		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/L	0 01		1
99CRLFGWC14	CMW-1	Groundwater	10/14/99	SW846-8260	2-Hexanone	mg/L	0 01		1
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	N-Nitrosodimethylamine	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Pyridine	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Aniline	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Phenol	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Bis(2-Chloroethyl)ether	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2-Chlorophenol	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	1,3-Dichlorobenzene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	1,4-Dichlorobenzene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Benzyl alcohol	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	1,2-Dichlorobenzene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2-Methylphenol (o-Cresol)	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	bis(2-chloroisopropyl)ether	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	3&4-Methylphenol (p&m-Cresol)	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	N-Nitroso-di-n-propylamine	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Hexachloroethane	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Nitrobenzene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Isophorone	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2-Nitrophenol	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2,4-Dimethylphenol	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Benzoic acid	mg/L	0 054		0 054
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Bis(2-Chloroethoxy)methane	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2,4-Dichlorophenol	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	1,2,4-Trichlorobenzene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Naphthalene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	4-Chloroaniline	mg/L	0 022		0 022
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Hexachlorobutadiene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	4-Chloro-3-methylphenol	mg/L	0 022		0 022
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2-Methylnaphthalene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Hexachlorocyclopentadiene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2,4,6-Trichlorophenol	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2,4,5-Trichlorophenol	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2-Chloronaphthalene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2-Nitroaniline	mg/L	0 054		0 054
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Dimethylphthalate	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2,6-Dinitrotoluene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Acenaphthylene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	3-Nitroaniline	mg/L	0 054		0 054
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Acenaphthene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2,4-Dinitrophenol	mg/L	0 054		0 054
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	4-Nitrophenol	mg/L	0 054		0 054
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2,4-Dinitrotoluene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Dibenzofuran	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Diethylphthalate	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Fluorene	mg/L	0 011		0 011

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Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	4-Chlorophenyl-phenylether	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	4-Nitroaniline	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/L	0 054		0 054
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	N-Nitrosodiphenylamine	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Azobenzene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	4-Bromophenyl-phenylether	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Hexachlorobenzene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Pentachlorophenol	mg/L	0 054		0 054
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Phenanthrene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Anthracene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Di-n-butylphthalate	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Fluoranthene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Pyrene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Butylbenzylphthalate	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	3,3-Dichlorobenzidine	mg/L	0 022		0 022
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Benzo(a)Anthracene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Chrysene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	di-n-Octylphthalate	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Benzo[b]Fluoranthene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Benzo[k]fluoranthene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Benzo[a]pyrene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Dibenzo[a,h]anthracene	mg/L	0 011		0 011
99CRLFGWC15	CMW-1	Groundwater	14-10-99	SW846-8270	Benzo[g,h,i]perylene	mg/L	0 011		0 011
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Aluminum	mg/L	57 1		0 5
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Antimony	mg/L	0 1		0 1
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Arsenic	mg/L	0 05		0 05
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Barium	mg/L	1 08		0 005
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Beryllium	mg/L	0 00305		0 001
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Boron	mg/L	0 05		0 05
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Calcium	mg/L	15 8		0 5
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Cadmium	mg/L	0 01		0 01
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Chromium	mg/L	0 0798		0 005
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Cobalt	mg/L	0 0601		0 005
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Copper	mg/L	0 0552		0 005
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Iron	mg/L	60 1		2 5
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Lead	mg/L	0 0926		0 05
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Magnesium	mg/L	15 4		0 05
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Manganese	mg/L	1 26		0 01
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Molybdenum	mg/L	0 025		0 025
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Nickel	mg/L	0 0488		0 01
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200.7	Potassium	mg/L	13		2 25
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Selenium	mg/L	0 1		0 1
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Silicon	mg/L	57 9		25
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Silver	mg/L	0 005		0 005
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Sodium	mg/L	8 01		0 5
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Strontium	mg/L	0 385		0 015
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Vanadium	mg/L	0 0859		0 005
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Zinc	mg/L	0 307		0 01
99CRLFGWC16	CMW-1	Groundwater	14-10-99	EPA 200 7	Zirconium	mg/L	0 025		0 025
99CRLFGWC17	CMW-1	Groundwater	14-10-99	SM19 2320B	Alkalinity	mg/L	7 42		2
99CRLFGWC31	CMW-3	Groundwater	14-10-99	AK102 DRO	Diesel Range Organics	mg/L	0 333		0 333
99CRLFGWC32	CMW-3	Surface Water	10/14/99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1
99CRLFGWC33	CMW-3	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1016	ug/L	1 02		1 02
99CRLFGWC33	CMW-3	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1221	ug/L	1 02		1 02
99CRLFGWC33	CMW-3	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1232	ug/L	1 02		1 02
99CRLFGWC33	CMW-3	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1242	ug/L	1 02		1 02

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Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPORT LIMIT
99CRLFGWC33	CMW-3	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1248	ug/L	1 02		1.02
99CRLFGWC33	CMW-3	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1254	ug/L	1 02		1 02
99CRLFGWC33	CMW-3	Groundwater	14-10-99	SW846 8082 PCB's	Aroclor-1260	ug/L	1 02		1 02
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Dichlorodifluoromethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Chloromethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Vinyl chloride	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Bromomethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Chloroethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Trichlorofluoromethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Methylene chloride	mg/L	0 005		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Carbon disulfide	mg/L	0 01		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	trans-1,2-Dichloroethene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	2,2-Dichloropropane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	cis-1,2-Dichloroethene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	2-Butanone (MEK)	mg/L	0 01		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Bromochloromethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Chloroform	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,1,1-Trichloroethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Carbon tetrachloride	mg/L	0.001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Benzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,2-Dichloroethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Trichloroethene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,2-Dichloropropane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Dibromomethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Bromodichloromethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	2-Chloroethyl Vinyl Ether	mg/L	0 01		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	cis-1,3-Dichloropropene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Toluene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	trans-1,3-Dichloropropene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,1,2-Trichloroethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Tetrachloroethene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,3-Dichloropropane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Dibromochloromethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,2-Dibromoethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Chlorobenzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,1,1,2-Tetrachloroethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Ethylbenzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	P & M -Xylene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	o-Xylene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Styrene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Bromoform	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Isopropylbenzene (Cumene)	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Bromobenzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,1,2,2-Tetrachloroethane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,2,3-Trichloropropane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	n-Propylbenzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	2-Chlorotoluene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	4-Chlorotoluene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,3,5-Trimethylbenzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	tert-Butylbenzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,2,4-Trimethylbenzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	sec-Butylbenzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,3-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	4-Isopropyltoluene	mg/L	0 00227		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,4-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,2-Dichlorobenzene	mg/L	0 001		1

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Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPORT
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	n-Butylbenzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,2-Dibromo-3-chloropropane	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,2,4-Trichlorobenzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Hexachlorobutadiene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	Naphthalene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	1,2,3-Trichlorobenzene	mg/L	0 001		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/L	0 01		1
99CRLFGWC34	CMW-3	Surface Water	10/14/99	SW846-8260	2-Hexanone	mg/L	0 01		1
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	N-Nitrosodimethylamine	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Pyridine	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Aniline	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Phenol	mg/L	0 01		0.01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Bis(2-Chloroethyl)ether	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2-Chlorophenol	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	1,3-Dichlorobenzene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	1,4-Dichlorobenzene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Benzyl alcohol	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	1,2-Dichlorobenzene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2-Methylphenol (o-Cresol)	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	bis(2-chloroisopropyl)ether	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	3&4-Methylphenol (p&m-Cresol)	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	N-Nitroso-di-n-propylamine	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Hexachloroethane	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Nitrobenzene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Isophorone	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2-Nitrophenol	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2,4-Dimethylphenol	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Benzoic acid	mg/L	0 05		0 05
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Bis(2-Chloroethoxy)methane	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2,4-Dichlorophenol	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	1,2,4-Trichlorobenzene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Naphthalene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	4-Chloroaniline	mg/L	0 02		0 02
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Hexachlorobutadiene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	4-Chloro-3-methylphenol	mg/L	0 02		0 02
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2-Methylnaphthalene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Hexachlorocyclopentadiene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2,4,6-Trichlorophenol	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2,4,5-Trichlorophenol	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2-Chloronaphthalene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2-Nitroaniline	mg/L	0 05		0 05
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Dimethylphthalate	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2,6-Dinitrotoluene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Acenaphthylene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	3-Nitroaniline	mg/L	0 05		0 05
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Acenaphthene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2,4-Dinitrophenol	mg/L	0 05		0 05
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	4-Nitrophenol	mg/L	0 05		0 05
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2,4-Dinitrotoluene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Dibenzofuran	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Diethylphthalate	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Fluorene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	4-Chlorophenyl-phenylether	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	4-Nitroaniline	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/L	0 05		0 05
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	N-Nitrosodiphenylamine	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Azobenzene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	4-Bromophenyl-phenylether	mg/L	0 01		0 01

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SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPORT
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Hexachlorobenzene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Pentachlorophenol	mg/L	0 05		0 05
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Phenanthrene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Anthracene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Di-n-butylphthalate	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Fluoranthene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Pyrene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Butylbenzylphthalate	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	3,3-Dichlorobenzidine	mg/L	0 02		0 02
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Benzo(a)Anthracene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Chrysene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	di-n-Octylphthalate	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Benzo[b]Fluoranthene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Benzo[k]fluoranthene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Benzo[a]pyrene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Dibenzo[a,h]anthracene	mg/L	0 01		0 01
99CRLFGWC35	CMW-3	Groundwater	14-10-99	SW846-8270	Benzo[g,h,i]perylene	mg/L	0 01		0 01
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Aluminum	mg/L	29 2		0 5
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Antimony	mg/L	0 1		0 1
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Arsenic	mg/L	0 05		0 05
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Barium	mg/L	0 338		0 005
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Beryllium	mg/L	0 001		0.001
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Boron	mg/L	0 05		0 05
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Calcium	mg/L	6 73		0 5
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Cadmium	mg/L	0 01		0 01
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Chromium	mg/L	0 0505		0 005
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Cobalt	mg/L	0 0208		0 005
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Copper	mg/L	0 0246		0 005
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Iron	mg/L	38 5		0 25
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Lead	mg/L	0 05		0 05
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Magnesium	mg/L	8 45		0 05
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Manganese	mg/L	0 644		0 01
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Molybdenum	mg/L	0 025		0 025
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Nickel	mg/L	0 0317		0 01
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Potassium	mg/L	3 07		2 25
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Selenium	mg/L	0 1		0 1
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Silicon	mg/L	53 1		25
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Silver	mg/L	0 005		0 005
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Sodium	mg/L	4 41		0 5
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Strontium	mg/L	0 07		0 015
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Vanadium	mg/L	0 0793		0 005
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Zinc	mg/L	0 0903		0 01
99CRLFGWC36	CMW-3	Groundwater	14-10-99	EPA 200 7	Zirconium	mg/L	0 025		0 025
99CRLFGWC36	CMW-3	Groundwater	14-10-99	SM19 2320B	Alkalinity	mg/L	10 4		2
99CRLFGWC37	CMW-3	Groundwater	14-10-99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1
99CRLFGWC38	CMW-3	Surface Water	10/14/99	SW846-8270	Diesel Range Organics	mg/L	0 79		0 3
99CRLFGWC41	CMW-4	Groundwater	10/14/99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1
99CRLFGWC42	CMW-4	Surface Water	10/14/99	SW846 8082 PCB's	Aroclor-1016	ug/L	1		1
99CRLFGWC43	CMW-4	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1221	ug/L	1		1
99CRLFGWC43	CMW-4	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1232	ug/L	1		1
99CRLFGWC43	CMW-4	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1242	ug/L	1		1
99CRLFGWC43	CMW-4	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1248	ug/L	1		1
99CRLFGWC43	CMW-4	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1254	ug/L	1		1
99CRLFGWC43	CMW-4	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1260	ug/L	1		1
99CRLFGWC43	CMW-4	Groundwater	10/14/99	SW846-8260	Dichlorodifluoromethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Chloromethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99						

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Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPORT
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Vinyl chloride	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Bromomethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Chloroethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Trichlorofluoromethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Methylene chloride	mg/L	0 005		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Carbon disulfide	mg/L	0 0693		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	trans-1,2-Dichloroethene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	2,2-Dichloropropane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	cis-1,2-Dichloroethene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	2-Butanone (MEK)	mg/L	0 01		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Bromochloromethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Chloroform	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,1,1-Trichloroethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Carbon tetrachloride	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Benzene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,2-Dichloroethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Trichloroethene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,2-Dichloropropane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Dibromomethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Bromodichloromethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	2-Chloroethyl Vinyl Ether	mg/L	0 01		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	cis-1,3-Dichloropropene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Toluene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	trans-1,3-Dichloropropene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,1,2-Trichloroethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Tetrachloroethene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,3-Dichloropropane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Dibromochloromethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,2-Dibromoethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Chlorobenzene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,1,1,2-Tetrachloroethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Ethylbenzene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	P & M -Xylene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	o-Xylene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Styrene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Bromoform	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Isopropylbenzene (Cumene)	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Bromobenzene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,1,2,2-Tetrachloroethane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,2,3-Trichloropropane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	n-Propylbenzene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	2-Chlorotoluene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	4-Chlorotoluene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,3,5-Trimethylbenzene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	tert-Butylbenzene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,2,4-Trimethylbenzene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	sec-Butylbenzene	mg/L	0 00328		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,3-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	4-Isopropyltoluene	mg/L	0 00292		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,4-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,2-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	n-Butylbenzene	mg/L	0 00169		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,2-Dibromo-3-chloropropane	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,2,4-Trichlorobenzene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Hexachlorobutadiene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	Naphthalene	mg/L	0 001		1

Cape Romanzof Site LF03
Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECT DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT TYPE	REPLY
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	1,2,3-Trichlorobenzene	mg/L	0 001		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/L	0 01		1
99CRLFGWC44	CMW-4	Surface Water	10/14/99	SW846-8260	2-Hexanone	mg/L	0 01		1
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	N-Nitrosodimethylamine	mg/L	0 011	J	0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	Pyridine	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	Aniline	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	Phenol	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	Bis(2-Chloroethyl)ether	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	2-Chlorophenol	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	1,3-Dichlorobenzene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	1,4-Dichlorobenzene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	Benzyl alcohol	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	1,2-Dichlorobenzene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	2-Methylphenol (o-Cresol)	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	bis(2-chloroisopropyl)ether	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	3&4-Methylphenol (p&m-Cresol)	mg/L	0 011		0.011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	N-Nitroso-di-n-propylamine	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	Hexachloroethane	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	Nitrobenzene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	Isophorone	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	2-Nitrophenol	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	2,4-Dimethylphenol	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	Benzoic acid	mg/L	0 054		0 054
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	Bis(2-Chloroethoxy)methane	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	2,4-Dichlorophenol	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	1,2,4-Trichlorobenzene	mg/L	0 011		0.011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	Naphthalene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	4-Chloroaniline	mg/L	0 022		0 022
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	Hexachlorobutadiene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	4-Chloro-3-methylphenol	mg/L	0 022		0 022
99CRLFGWC45	CMW-4	Groundwater	10/14/99	AK102/103	2-Methylnaphthalene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Hexachlorocyclopentadiene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	2,4,6-Trichlorophenol	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	2,4,5-Trichlorophenol	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	2-Chloronaphthalene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	2-Nitroaniline	mg/L	0 054		0 054
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Dimethylphthalate	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	2,6-Dinitrotoluene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Acenaphthylene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	3-Nitroaniline	mg/L	0 054		0 054
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Acenaphthene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	2,4-Dinitrophenol	mg/L	0 054		0 054
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	4-Nitrophenol	mg/L	0 054		0 054
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	2,4-Dinitrotoluene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Dibenzofuran	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Diethylphthalate	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Fluorene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	4-Chlorophenyl-phenylether	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	4-Nitroaniline	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/L	0 054		0 054
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	N-Nitrosodiphenylamine	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Azobenzene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	4-Bromophenyl-phenylether	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Hexachlorobenzene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Pentachlorophenol	mg/L	0 054		0 054
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Phenanthrene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Anthracene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Di-n-butylphthalate	mg/L	0 011		0 011

Cape Romanzof Site LF03
Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT LOC	REPORT
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Fluoranthene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Pyrene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Butylbenzylphthalate	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	3,3-Dichlorobenzidine	mg/L	0 022		0 022
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Benzo(a)Anthracene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Chrysene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	di-n-Octylphthalate	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Benzo[b]Fluoranthene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Benzo[k]fluoranthene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Benzo[a]pyrene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Dibenzo[a,h]anthracene	mg/L	0 011		0 011
99CRLFGWC45	CMW-4	Groundwater	10/14/99	SW846-8270	Benzo[g,h,i]perylene	mg/L	0 011	J	0 011
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Aluminum	mg/L	15 2		1 11
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Antimony	mg/L	0 222		0.222
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Arsenic	mg/L	0 111		0 111
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Barium	mg/L	0 221		0 0111
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Beryllium	mg/L	0 00222		0 0022
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Boron	mg/L	0 111		0 111
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Cadmium	mg/L	0 0222		0 0222
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Calcium	mg/L	20		11 1
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Cobalt	mg/L	0 015		0 0111
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Chromium	mg/L	0 0361		0 0111
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Copper	mg/L	0 0423		0 0111
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Iron	mg/L	25 8		0 556
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Potassium	mg/L	5		5
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Magnesium	mg/L	9 29		0 111
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Manganese	mg/L	2 23		0 0222
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Molybdenum	mg/L	0 0556		0 0556
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Nickel	mg/L	0 0223		0 0222
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Lead	mg/L	0 178		0 111
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Selenium	mg/L	0 222		0 222
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Silicon	mg/L	23 7		5 56
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Silver	mg/L	0 0111		0 0111
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Sodium	mg/L	6 74		1 11
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Strontium	mg/L	0 201		0 0333
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Vanadium	mg/L	0 0443		0 0111
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Zinc	mg/L	0 221		0 0222
99CRLFGWC46	CMW-4	Groundwater	10/14/99	SW846-8270	Zirconium	mg/L	0 0556		0 0556
99CRLFGWC47	CMW-4	Groundwater	10/14/99	SW846-8270	Alkalinity	mg/L	69 3		2
99CRLFGWC48	CMW-4	Surface Water	10/14/99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1
99CRLFGWC51	CMW-5	Groundwater	10/14/99	SW846-8270	Diesel Range Organics	mg/L	0 408	J	0 323
99CRLFGWC52	CMW-5	Surface Water	10/14/99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1
99CRLFGWC53	CMW-5	Groundwater	10/14/99	SW846-8270	Aroclor-1016	ug/L	1 02		1 02
99CRLFGWC53	CMW-5	Groundwater	10/14/99	SW846-8270	Aroclor-1221	ug/L	1 02		1 02
99CRLFGWC53	CMW-5	Groundwater	10/14/99	SW846-8270	Aroclor-1232	ug/L	1 02		1 02
99CRLFGWC53	CMW-5	Groundwater	10/14/99	SW846-8270	Aroclor-1242	ug/L	1 02		1 02
99CRLFGWC53	CMW-5	Groundwater	10/14/99	SW846-8270	Aroclor-1248	ug/L	1 02		1 02
99CRLFGWC53	CMW-5	Groundwater	10/14/99	SW846-8270	Aroclor-1254	ug/L	1 02		1 02
99CRLFGWC53	CMW-5	Groundwater	10/14/99	SW846-8270	Aroclor-1260	ug/L	1 02		1 02
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Dichlorodifluoromethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Chloromethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Vinyl chlonde	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Bromomethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Chloroethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Trichlorofluoromethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethene	mg/L	0 001		1

Cape Romanz f Site LF03
Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT QUAL	REPDL
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Methylene chlonde	mg/L	0 005		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Carbon disulfide	mg/L	0 01		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	trans-1,2-Dichloroethene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	2,2-Dichloropropane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	cis-1,2-Dichloroethene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	2-Butanone (MEK)	mg/L	0 01		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Bromochloromethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Chloroform	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,1,1-Trichloroethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Carbon tetrachlonde	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Benzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,2-Dichloroethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Trichloroethene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,2-Dichloropropane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Dibromomethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Bromodichloromethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	2-Chloroethyl Vinyl Ether	mg/L	0 01		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	cis-1,3-Dichloropropene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Toluene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	trans-1,3-Dichloropropene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,1,2-Trichloroethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Tetrachloroethene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,3-Dichloropropane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Dibromochloromethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,2-Dibromoethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Chlorobenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,1,1,2-Tetrachloroethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Ethylbenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	P & M -Xylene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	o-Xylene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Styrene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Bromoform	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Isopropylbenzene (Cumene)	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Bromobenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,1,2,2-Tetrachloroethane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,2,3-Trichloropropane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	n-Propylbenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	2-Chlorotoluene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	4-Chlorotoluene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,3,5-Trimethylbenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	tert-Butylbenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,2,4-Trimethylbenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	sec-Butylbenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,3-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	4-Isopropyltoluene	mg/L	0 0017		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,4-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,2-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	n-Butylbenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,2-Dibromo-3-chloropropane	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,2,4-Trichlorobenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Hexachlorobutadiene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	Naphthalene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	1,2,3-Trichlorobenzene	mg/L	0 001		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/L	0 01		1
99CRLFGWC54	CMW-5	Surface Water	10/14/99	SW846-8260	2-Hexanone	mg/L	0 01		1
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	N-Nitrosodimethylamine	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Pyridine	mg/L	0 01		0 01

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Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Aniline	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Phenol	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Bis(2-Chloroethyl)ether	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2-Chlorophenol	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	1,3-Dichlorobenzene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	1,4-Dichlorobenzene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Benzyl alcohol	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	1,2-Dichlorobenzene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2-Methylphenol (o-Cresol)	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	bis(2-chloroisopropyl)ether	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	3&4-Methylphenol (p&m-Cresol)	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	N-Nitroso-di-n-propylamine	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Hexachloroethane	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Nitrobenzene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Isophorone	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2-Nitrophenol	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2,4-Dimethylphenol	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Benzoic acid	mg/L	0 05		0 05
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Bis(2-Chloroethoxy)methane	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2,4-Dichlorophenol	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	1,2,4-Trichlorobenzene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Naphthalene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	4-Chloroaniline	mg/L	0 02		0 02
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Hexachlorobutadiene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	4-Chloro-3-methylphenol	mg/L	0 02		0 02
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2-Methylnaphthalene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Hexachlorocyclopentadiene	mg/L	0.01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2,4,6-Trichlorophenol	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2,4,5-Trichlorophenol	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2-Chloronaphthalene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2-Nitroaniline	mg/L	0 05		0 05
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Dimethylphthalate	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2,6-Dinitrotoluene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Acenaphthylene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	3-Nitroaniline	mg/L	0 05		0 05
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Acenaphthene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2,4-Dinitrophenol	mg/L	0 05		0 05
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	4-Nitrophenol	mg/L	0 05		0 05
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2,4-Dinitrotoluene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Dibenzofuran	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Diethylphthalate	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Fluorene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	4-Chlorophenyl-phenylether	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	4-Nitroaniline	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/L	0 05		0 05
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	N-Nitrosodiphenylamine	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Azobenzene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	4-Bromophenyl-phenylether	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Hexachlorobenzene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Pentachlorophenol	mg/L	0 05		0 05
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Phenanthrene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Anthracene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Di-n-butylphthalate	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Fluoranthene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Pyrene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Butylbenzylphthalate	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	3,3-Dichlorobenzidine	mg/L	0 02		0 02
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Benzo(a)Anthracene	mg/L	0 01		0 01

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Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Chrysene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	di-n-Octylphthalate	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Benzo[b]Fluoranthene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Benzo[k]fluoranthene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Benzo[a]pyrene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Dibenzo[a,h]anthracene	mg/L	0 01		0 01
99CRLFGWC55	CMW-5	Groundwater	10/14/99	SW846-8270	Benzo[g,h,i]perylene	mg/L	0 01		0 01
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Aluminum	mg/L	2 76		0 111
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Antimony	mg/L	0 222		0 222
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Arsenic	mg/L	0 111		0 111
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Barium	mg/L	0 0918		0 0111
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Beryllium	mg/L	0 00222		0 0022
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Boron	mg/L	0 111		0 111
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Cadmium	mg/L	0 0222		0 0222
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Calcium	mg/L	8 22		1 11
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Cobalt	mg/L	0 0111		0 0111
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Chromium	mg/L	0 0111		0 0111
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Copper	mg/L	0 0111		0 0111
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Iron	mg/L	12 2		0 556
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Potassium	mg/L	5		5
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Magnesium	mg/L	2 09		0 111
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Manganese	mg/L	1 56		0 0222
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Molybdenum	mg/L	0 0556		0 0556
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Sodium	mg/L	4 15		1 11
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Nickel	mg/L	0 0222		0 0222
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Lead	mg/L	0 111		0 111
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Selenium	mg/L	0 222		0 222
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Silicon	mg/L	7 02		0 556
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Silver	mg/L	0 0111		0 0111
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Strontium	mg/L	0 0842		0 0333
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Vanadium	mg/L	0 0111		0 0111
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Zinc	mg/L	0 0649		0 0222
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Zirconium	mg/L	0 0556		0 0556
99CRLFGWC56	CMW-5	Groundwater	10/14/99	SW846-8270	Alkalinity	mg/L	25 7		2
99CRLFGWC57	CMW-5	Groundwater	10/14/99	SW846-8270	Gasoline Range Organics	mg/L	0 09		1
99CRLFGWC58	CMW-5	Surface Water	10/14/99	AK101 GRO	Diesel Range Organics	mg/L	0 303		0 303
99CRLFGWC61	CMW-6	Groundwater	10/14/99	AK102 DRO	Gasoline Range Organics	mg/L	0 09		1
99CRLFGWC62	CMW-6	Surface Water	10/14/99	AK101 GRO	N-Nitrosodimethylamine	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Pyridine	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Aniline	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Phenol	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Bis(2-Chloroethyl)ether	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2-Chlorophenol	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	1,3-Dichlorobenzene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	1,4-Dichlorobenzene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Benzyl alcohol	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	1,2-Dichlorobenzene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2-Methylphenol (o-Cresol)	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	bis(2-chloroisopropyl)ether	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	3&4-Methylphenol (p&m-Cresol)	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	N-Nitroso-di-n-propylamine	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Hexachloroethane	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Nitrobenzene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Isophorone	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2-Nitrophenol	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2,4-Dimethylphenol	mg/L	0 01		0 01

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Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Benzoic acid	mg/L	0 052		0 052
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Bis(2-Chloroethoxy)methane	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2,4-Dichlorophenol	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	1,2,4-Trichlorobenzene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Naphthalene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	4-Chloroaniline	mg/L	0 021		0 021
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Hexachlorobutadiene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	4-Chloro-3-methylphenol	mg/L	0 021		0 021
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2-Methylnaphthalene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Hexachlorocyclopentadiene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2,4,6-Trichlorophenol	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2,4,5-Trichlorophenol	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2-Chloronaphthalene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2-Nitroaniline	mg/L	0 052		0 052
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Dimethylphthalate	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2,6-Dinitrotoluene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Acenaphthylene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	3-Nitroaniline	mg/L	0 052		0 052
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Acenaphthene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2,4-Dinitrophenol	mg/L	0 052		0 052
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	4-Nitrophenol	mg/L	0 052		0 052
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2,4-Dinitrotoluene	mg/L	0 01		0.01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Dibenzofuran	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Diethylphthalate	mg/L	0 01		0.01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Fluorene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	4-Chlorophenyl-phenylether	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	4-Nitroaniline	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/L	0 052		0 052
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	N-Nitrosodiphenylamine	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Azobenzene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	4-Bromophenyl-phenylether	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Hexachlorobenzene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Pentachlorophenol	mg/L	0 052		0 052
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Phenanthrene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Anthracene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Di-n-butylphthalate	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Fluoranthene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Pyrene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Butylbenzylphthalate	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	3,3-Dichlorobenzidine	mg/L	0 021		0 021
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Benzo(a)Anthracene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Chrysene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	di-n-Octylphthalate	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Benzo[b]Fluoranthene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Benzo[k]fluoranthene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Benzo[a]pyrene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Dibenzo[a,h]anthracene	mg/L	0 01		0 01
99CRLFGWC63	CMW-6	Groundwater	10/14/99	SW846-8270	Benzo[g,h,i]perylene	mg/L	0 01		0 01
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Dichlorodifluoromethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Chloromethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Vinyl chloride	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Bromomethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Chloroethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Trichlorofluoromethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Methylene chloride	mg/L	0 005		1

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Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Carbon disulfide	mg/L	0 01		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	trans-1,2-Dichloroethene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	2,2-Dichloropropane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	cis-1,2-Dichloroethene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	2-Butanone (MEK)	mg/L	0 01		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Bromochloromethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Chloroform	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,1,1-Trichloroethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Carbon tetrachloride	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Benzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,2-Dichloroethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Trichloroethene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,2-Dichloropropane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Dibromomethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Bromodichloromethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	2-Chloroethyl Vinyl Ether	mg/L	0 01		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	cis-1,3-Dichloropropene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Toluene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	trans-1,3-Dichloropropene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,1,2-Trichloroethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Tetrachloroethene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,3-Dichloropropane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Dibromochloromethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,2-Dibromoethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Chlorobenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,1,1,2-Tetrachloroethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Ethylbenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	P & M -Xylene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	o-Xylene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Styrene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Bromoform	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Isopropylbenzene (Cumene)	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Bromobenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,1,2,2-Tetrachloroethane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,2,3-Trichloropropane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	n-Propylbenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	2-Chlorotoluene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	4-Chlorotoluene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,3,5-Trimethylbenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	tert-Butylbenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,2,4-Trimethylbenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	sec-Butylbenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,3-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	4-Isopropyltoluene	mg/L	0 00205		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,4-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,2-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	n-Butylbenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,2-Dibromo-3-chloropropane	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,2,4-Trichlorobenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Hexachlorobutadiene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	Naphthalene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	1,2,3-Trichlorobenzene	mg/L	0 001		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/L	0 01		1
99CRLFGWC64	CMW-6	Surface Water	10/14/99	SW846-8260	2-Hexanone	mg/L	0 01		1
99CRLFGWC65	CMW-6	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1016	ug/L	1 02		1 02
99CRLFGWC65	CMW-6	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1221	ug/L	1 02		1 02
99CRLFGWC65	CMW-6	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1232	ug/L	1 02		1 02

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Groundwater Analytical Results

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SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CRLFGWC65	CMW-6	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1242	ug/L	1 02		1 02
99CRLFGWC65	CMW-6	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1248	ug/L	1 02		1 02
99CRLFGWC65	CMW-6	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1254	ug/L	1 02		1 02
99CRLFGWC65	CMW-6	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1260	ug/L	1 02		1 02
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Aluminum	mg/L	16 7		1 11
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Antimony	mg/L	0 222		0 222
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Arsenic	mg/L	0 111		0 111
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Barium	mg/L	0 305		0 0111
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Beryllium	mg/L	0 00222		0 0022
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Boron	mg/L	0 111		0 111
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Cadmium	mg/L	0 0222		0 0222
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Calcium	mg/L	6 63		1 11
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Cobalt	mg/L	0 0111		0 0111
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Chromium	mg/L	0 0323		0 0111
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Copper	mg/L	0 0156		0 0111
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Iron	mg/L	25 9		0 556
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Potassium	mg/L	5		5
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Magnesium	mg/L	6 92		0 111
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Manganese	mg/L	0.612		0 0222
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Molybdenum	mg/L	0 0556		0 0556
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Sodium	mg/L	4 24		1 11
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Nickel	mg/L	0 0222		0 0222
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Lead	mg/L	0 111		0 111
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Selenium	mg/L	0 222		0 222
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Silicon	mg/L	23 7		5 56
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Silver	mg/L	0 0111		0 0111
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Strontium	mg/L	0 0866		0 0333
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Vanadium	mg/L	0 0367		0 0111
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Zinc	mg/L	0 0585		0 0222
99CRLFGWC66	CMW-6	Groundwater	10/14/99	SW846 6010B	Zirconium	mg/L	0 0556		0 0556
99CRLFGWC67	CMW-6	Groundwater	10/14/99	SM19 2320B	Alkalinity	mg/L	10 9		2
99CRLFGWC68	CMW-6	Surface Water	10/14/99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1
99CRLFGWC71	CMW-7	Groundwater	10/14/99	AK102 DRO	Diesel Range Organics	mg/L	0 3		0 3
99CRLFGWC72	CMW-7	Surface Water	10/14/99	AK101 GRO	Gasoline Range Organics	mg/L	0 09		1
99CRLFGWC73	CMW-7	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1016	ug/L	1		1
99CRLFGWC73	CMW-7	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1221	ug/L	1		1
99CRLFGWC73	CMW-7	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1232	ug/L	1		1
99CRLFGWC73	CMW-7	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1242	ug/L	1		1
99CRLFGWC73	CMW-7	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1248	ug/L	1		1
99CRLFGWC73	CMW-7	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1254	ug/L	1		1
99CRLFGWC73	CMW-7	Groundwater	10/14/99	SW846 8082 PCB's	Aroclor-1260	ug/L	1		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Dichlorodifluoromethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Chloromethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Vinyl chlonde	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Bromomethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Chloroethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Trichlorofluoromethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Methylene chlonde	mg/L	0 005		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Carbon disulfide	mg/L	0 0463		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	trans-1,2-Dichloroethene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,1-Dichloroethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	2,2-Dichloropropane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	cis-1,2-Dichloroethene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	2-Butanone (MEK)	mg/L	0 01		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Bromochloromethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Chloroform	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,1,1-Trichloroethane	mg/L	0 001		1

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Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPORT
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Carbon tetrachlonde	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Benzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,2-Dichloroethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Trichloroethene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,2-Dichloropropane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Dibromomethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Bromodichloromethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	2-Chloroethyl Vinyl Ether	mg/L	0 01		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	cis-1,3-Dichloropropene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Toluene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	trans-1,3-Dichloropropene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,1,2-Trichloroethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Tetrachloroethene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,3-Dichloropropane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Dibromochloromethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,2-Dibromoethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Chlorobenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,1,1,2-Tetrachloroethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Ethylbenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	P & M -Xylene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	o-Xylene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Styrene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Bromoform	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Isopropylbenzene (Cumene)	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Bromobenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,1,2,2-Tetrachloroethane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,2,3-Trichloropropane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	n-Propylbenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	2-Chlorotoluene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	4-Chlorotoluene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,3,5-Trimethylbenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	tert-Butylbenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,2,4-Trimethylbenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	sec-Butylbenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,3-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	4-Isopropyltoluene	mg/L	0 00175		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,4-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,2-Dichlorobenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	n-Butylbenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,2-Dibromo-3-chloropropane	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,2,4-Trichlorobenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Hexachlorobutadiene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	Naphthalene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	1,2,3-Trichlorobenzene	mg/L	0 001		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/L	0 01		1
99CRLFGWC74	CMW-7	Surface Water	10/14/99	SW846-8260	2-Hexanone	mg/L	0 01		1
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	N-Nitrosodimethylamine	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Pyridine	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Aniline	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Phenol	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Bis(2-Chloroethyl)ether	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2-Chlorophenol	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	1,3-Dichlorobenzene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	1,4-Dichlorobenzene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Benzyl alcohol	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	1,2-Dichlorobenzene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2-Methylphenol (o-Cresol)	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	bis(2-chloroisopropyl)ether	mg/L	0 01		0 01

Cape R manzof Site LF03
Groundwater Analytical Results

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SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT QUAL	REPD
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	3&4-Methylphenol (p&m-Cresol)	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	N-Nitroso-di-n-propylamine	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Hexachloroethane	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Nitrobenzene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Isophorone	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2-Nitrophenol	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2,4-Dimethylphenol	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Benzoic acid	mg/L	0 052		0 052
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Bis(2-Chloroethoxy)methane	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2,4-Dichlorophenol	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	1,2,4-Trichlorobenzene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Naphthalene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	4-Chloroaniline	mg/L	0 021		0 021
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Hexachlorobutadiene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	4-Chloro-3-methylphenol	mg/L	0 021		0 021
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2-Methylnaphthalene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Hexachlorocyclopentadiene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2,4,6-Trichlorophenol	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2,4,5-Trichlorophenol	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2-Chloronaphthalene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2-Nitroaniline	mg/L	0 052		0 052
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Dimethylphthalate	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2,6-Dinitrotoluene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Acenaphthylene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	3-Nitroaniline	mg/L	0 052		0 052
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Acenaphthene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2,4-Dinitrophenol	mg/L	0 052		0 052
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	4-Nitrophenol	mg/L	0 052		0 052
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2,4-Dinitrotoluene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Dibenzofuran	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Diethylphthalate	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Fluorene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	4-Chlorophenyl-phenylether	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	4-Nitroaniline	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/L	0 052		0 052
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	N-Nitrosodiphenylamine	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Azobenzene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	4-Bromophenyl-phenylether	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Hexachlorobenzene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Pentachlorophenol	mg/L	0 052		0 052
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Phenanthrene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Anthracene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Di-n-butylphthalate	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Fluoranthene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Pyrene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Butylbenzylphthalate	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	3,3-Dichlorobenzidine	mg/L	0 021		0 021
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Benzo(a)Anthracene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Chrysene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	di-n-Octylphthalate	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Benzo[b]Fluoranthene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Benzo[k]fluoranthene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Benzo[a]pyrene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Dibenzo[a,h]anthracene	mg/L	0 01		0 01
99CRLFGWC75	CMW-7	Groundwater	10/14/99	SW846-8270	Benzo[g,h,i]perylene	mg/L	0 01		0 01
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Aluminum	mg/L	25 2		1 11

Cape Romanzof Site LF03
Groundwater Analytical Results

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	UNIT	RESULT	RESULT FLAG	[illegible]
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Antimony	mg/L	0 222		0 222
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Arsenic	mg/L	0 111		0 111
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Barium	mg/L	0 507		0 0111
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Beryllium	mg/L	0 00222		0 0022
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Boron	mg/L	0 111		0 111
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Cadmium	mg/L	0 0222		0 0222
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Calcium	mg/L	12 6		11 1
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Cobalt	mg/L	0 0371		0 0111
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Chromium	mg/L	0 0861		0 0111
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Copper	mg/L	0 03		0 0111
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Iron	mg/L	43		0 556
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Potassium	mg/L	11 4		5
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Magnesium	mg/L	15 1		1 11
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Manganese	mg/L	0 864		0 0222
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Molybdenum	mg/L	0 0556		0 0556
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Sodium	mg/L	5 53		1 11
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Nickel	mg/L	0 0483		0 0222
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Lead	mg/L	0 111		0 111
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Selenium	mg/L	0 222		0 222
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Silicon	mg/L	34 5		5 56
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Silver	mg/L	0 0111		0 0111
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Strontium	mg/L	0 122		0 0333
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Vanadium	mg/L	0 0972		0 0111
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Zinc	mg/L	0 107		0 0222
99CRLFGWC76	CMW-7	Groundwater	10/14/99	SW846 6010B	Zirconium	mg/L	0 0556		0 0556
99CRLFGWC77	CMW-7	Groundwater	10/14/99	SM19 2320B	Alkalinity	mg/L	19 8		2

Cape R manzof Site SS15
Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT (VOLT)	RESULT (LAB)	REPOR
99CR15GW21	WW02	Goundwater	10/13/99	AK102/103	Diesel Range Organics	mg/L	7 23		0 33
99CR15GW21	WW02	Goundwater	10/13/99	AK102/103	Residual Range Organics GC	mg/L	0 549		0 549
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	N-Nitrosodimethylamine	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Pyridine	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Aniline	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Phenol	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Bis(2-Chloroethyl)ether	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2-Chlorophenol	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	1,3-Dichlorobenzene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	1,4-Dichlorobenzene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Benzyl alcohol	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	1,2-Dichlorobenzene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2-Methylphenol (o-Cresol)	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	bis(2-chloroisopropyl)ether	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	3&4-Methylphenol (p&m-Cresol)	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	N-Nitroso-di-n-propylamine	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Hexachloroethane	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Nitrobenzene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Isophorone	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2-Nitrophenol	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2,4-Dimethylphenol	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Benzoic acid	mg/L	0 052		0 052
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Bis(2-Chloroethoxy)methane	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2,4-Dichlorophenol	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	1,2,4-Trichlorobenzene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Naphthalene	mg/L	0 0831		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	4-Chloroaniline	mg/L	0.021		0 021
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Hexachlorobutadiene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	4-Chloro-3-methylphenol	mg/L	0 021		0 021
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2-Methylnaphthalene	mg/L	0 0352		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Hexachlorocyclopentadiene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2,4,6-Trichlorophenol	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2,4,5-Trichlorophenol	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2-Chloronaphthalene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2-Nitroaniline	mg/L	0 052		0 052
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Dimethylphthalate	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2,6-Dinitrotoluene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Acenaphthylene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	3-Nitroaniline	mg/L	0 052		0 052
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Acenaphthene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2,4-Dinitrophenol	mg/L	0 052		0 052
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	4-Nitrophenol	mg/L	0 052		0 052
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2,4-Dinitrotoluene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Dibenzofuran	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Diethylphthalate	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Fluorene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	4-Chlorophenyl-phenylether	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	4-Nitroaniline	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/L	0 052		0 052
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	N-Nitrosodiphenylamine	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Azobenzene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	4-Bromophenyl-phenylether	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Hexachlorobenzene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Pentachlorophenol	mg/L	0 052		0 052
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Phenanthrene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Anthracene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Di-n-butylphthalate	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Fluoranthene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Pyrene	mg/L	0 01		0 01

Cape R manzof Site SS15
Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT (MDL)	RESULT (PQL)	REPQL
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Butylbenzylphthalate	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	3,3-Dichlorobenzidine	mg/L	0 021		0 021
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Benzo(a)Anthracene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Chrysene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	di-n-Octylphthalate	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Benzo[b]Fluoranthene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Benzo[k]fluoranthene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Benzo[a]pyrene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Dibenzo[a,h]anthracene	mg/L	0 01		0 01
99CR15GW23	WW02	Goundwater	10/13/99	SW846-8270	Benzo[g,h,i]perylene	mg/L	0 01		0 01
99CR15GW24	WW02	Goundwater	10/13/99	EPA 300 0	Nitrate-N	mg/L	0 619		0 5
99CR15GW24	WW02	Goundwater	10/13/99	EPA 300 0	Sulfate	mg/L	54 3		25
99CR15GW24	WW02	Goundwater	10/13/99	SM19 2320B	Alkalinity	mg/L	104		2
99CR15GW25	WW02	Goundwater	10/13/99	EPA 200 7	Iron	mg/L	8 52		0 25
99CR15GW71	WW07	Goundwater	10/13/99	AK102/103	Diesel Range Organics	mg/L	0 313		0 313
99CR15GW71	WW07	Goundwater	10/13/99	AK102/103	Residual Range Organics GC	mg/L	0 521		0 521
99CR15GW72	WW07	Goundwater	10/13/99	AK101/8021B	Gasoline Range Organics	mg/L	0 09		0 09
99CR15GW72	WW07	Goundwater	10/13/99	AK101/8021B	Benzene	mg/L	0 0005		0 0005
99CR15GW72	WW07	Goundwater	10/13/99	AK101/8021B	Toluene	mg/L	0 002		0 002
99CR15GW72	WW07	Goundwater	10/13/99	AK101/8021B	Ethylbenzene	mg/L	0 002		0 002
99CR15GW72	WW07	Goundwater	10/13/99	AK101/8021B	P & M -Xylene	mg/L	0 00208		0 002
99CR15GW72	WW07	Goundwater	10/13/99	AK101/8021B	o-Xylene	mg/L	0 002		0 002
99CR15GW74	WW07	Groundwater	14-10-99	EPA 300 0	Nitrate-N				
99CR15GW74	WW07	Groundwater	14-10-99	EPA 300 0	Sulfate				
99CR15GW74	WW07	Groundwater	14-10-99	SM19 2320B	Alkalinity				
99CR15GW75	WW07	Groundwater	14-10-99	EPA 200 7	Iron	mg/L	62 3		2 5
99CR15GW76	WW07	Groundwater	14-10-99	AK101/8021B	Gasoline Range Organics	mg/L	0 09		0 09
99CR15GW76	WW07	Groundwater	14-10-99	AK101/8021B	Benzene	mg/L	0 0005		0 0005
99CR15GW76	WW07	Groundwater	14-10-99	AK101/8021B	Toluene	mg/L	0 002		0 002
99CR15GW76	WW07	Groundwater	14-10-99	AK101/8021B	Ethylbenzene	mg/L	0 002		0 002
99CR15GW76	WW07	Groundwater	14-10-99	AK101/8021B	P & M -Xylene	mg/L	0 002		0 002
99CR15GW76	WW07	Groundwater	14-10-99	AK101/8021B	o-Xylene	mg/L	0 002		0 002
99CR15GW81	WW08	Groundwater	14-10-99	AK102/103	Diesel Range Organics	mg/L	0 363		0 3
99CR15GW81	WW08	Groundwater	14-10-99	AK102/103	Residual Range Organics GC	mg/L	0 5		0 5
99CR15GW82	WW08	Groundwater	14-10-99	AK101/8021B	Gasoline Range Organics	mg/L	0 09		0 09
99CR15GW82	WW08	Groundwater	14-10-99	AK101/8021B	Benzene	mg/L	0 0005		0 0005
99CR15GW82	WW08	Groundwater	14-10-99	AK101/8021B	Toluene	mg/L	0 002		0 002
99CR15GW82	WW08	Groundwater	14-10-99	AK101/8021B	Ethylbenzene	mg/L	0 002		0 002
99CR15GW82	WW08	Groundwater	14-10-99	AK101/8021B	P & M -Xylene	mg/L	0 002		0 002
99CR15GW82	WW08	Groundwater	14-10-99	AK101/8021B	o-Xylene	mg/L	0 002		0 002
99CR15GW84	WW08	Groundwater	14-10-99	EPA 300 0	Nitrate-N				
99CR15GW84	WW08	Groundwater	14-10-99	EPA 300 0	Sulfate				
99CR15GW84	WW08	Groundwater	14-10-99	SM19 2320B	Alkalinity				
99CR15GW85	WW08	Groundwater	14-10-99	EPA 200 7	Iron	mg/L	43 9		2 5
99CR15GW86	WW08	Groundwater	14-10-99	AK101/8021B	Gasoline Range Organics	mg/L	0 09		0 09
99CR15GW86	WW08	Groundwater	14-10-99	AK101/8021B	Benzene	mg/L	0 0005		0 0005
99CR15GW86	WW08	Groundwater	14-10-99	AK101/8021B	Toluene	mg/L	0 002		0 002
99CR15GW86	WW08	Groundwater	14-10-99	AK101/8021B	Ethylbenzene	mg/L	0 002		0 002
99CR15GW86	WW08	Groundwater	14-10-99	AK101/8021B	P & M -Xylene	mg/L	0 002		0 002
99CR15GW86	WW08	Groundwater	14-10-99	AK101/8021B	o-Xylene	mg/L	0 002		0 002
Trip Blank	NA	Goundwater		AK101/8021B	Gasoline Range Organics	mg/L	0 09		0 09
Trip Blank	NA	Goundwater		AK101/8021B	Benzene	mg/L	0 0005		0 0005
Trip Blank	NA	Goundwater		AK101/8021B	Toluene	mg/L	0 002		0 002
Trip Blank	NA	Goundwater		AK101/8021B	Ethylbenzene	mg/L	0 002		0 002
Trip Blank	NA	Goundwater		AK101/8021B	P & M -Xylene	mg/L	0 002		0 002
Trip Blank	NA	Goundwater		AK101/8021B	o-Xylene	mg/L	0 002		0 002

Cape Romanzof Site SS13
Groundwater Analytical Results

SAMPLE ID	WELL ID	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13GW11	MW-1	Goundwater	10/13/99	AK102/103	DRO	mg/L	2 7		0 3
99CR13GW11	MW-1	Goundwater	10/13/99	AK102/103	RRO	mg/L	0 5	J	0 5
99CR13GW12	MW-1	Goundwater	10/13/99	AK101/8021B	GRO	mg/L	0 09	J	0 09
99CR13GW12	MW-1	Goundwater	10/13/99	AK101/8021B	Benzene	mg/L	0 0005	J	0 0005
99CR13GW12	MW-1	Goundwater	10/13/99	AK101/8021B	Toluene	mg/L	0 002	J	0 002
99CR13GW12	MW-1	Goundwater	10/13/99	AK101/8021B	Ethylbenzene	mg/L	0 002	J	0 002
99CR13GW12	MW-1	Goundwater	10/13/99	AK101/8021B	P & M -Xylene	mg/L	0 002	J	0 002
99CR13GW12	MW-1	Goundwater	10/13/99	AK101/8021B	o-Xylene	mg/L	0 002	J	0 002
99CR13GW14	MW-1	Goundwater	10/13/99	EPA 300 0	Nitrate-N	mg/L	0 667		0 5
99CR13GW14	MW-1	Goundwater	10/13/99	EPA 300 0	Sulfate	mg/L	2 73		0 5
99CR13GW14	MW-1	Goundwater	10/13/99	SM19 2320B	Alkalinity	mg/L	37 6		2
99CR13GW15	MW-1	Goundwater	10/13/99	EPA 200 7	Iron	mg/L	13 6		0 25
99CR13GW21	MW-2	Goundwater	10/13/99	AK102/103	Diesel Range Organics	mg/L	0 385		0 3
99CR13GW21	MW-2	Goundwater	10/13/99	AK102/103	Residual Range Organics GC	mg/L	0 5	J	0 5
99CR13GW22	MW-2	Goundwater	10/13/99	AK101/8021B	Gasoline Range Organics	mg/L	0 09	J	0 09
99CR13GW22	MW-2	Goundwater	10/13/99	AK101/8021B	Benzene	mg/L	0 0005	J	0 0005
99CR13GW22	MW-2	Goundwater	10/13/99	AK101/8021B	Toluene	mg/L	0 002	J	0 002
99CR13GW22	MW-2	Goundwater	10/13/99	AK101/8021B	Ethylbenzene	mg/L	0 002	J	0 002
99CR13GW22	MW-2	Goundwater	10/13/99	AK101/8021B	P & M -Xylene	mg/L	0 002	J	0 002
99CR13GW22	MW-2	Goundwater	10/13/99	AK101/8021B	o-Xylene	mg/L	0 002	J	0 002
99CR13GW24	MW-2	Goundwater	10/13/99	EPA 300 0	Nitrate-N	mg/L	0 703		0 5
99CR13GW24	MW-2	Goundwater	10/13/99	EPA 300 0	Sulfate	mg/L	1 47		0 5
99CR13GW24	MW-2	Goundwater	10/13/99	SM19 2320B	Alkalinity	mg/L	12 4		2
99CR13GW25	MW-2	Goundwater	10/13/99	EPA 200 7	Iron	mg/L	116		2 5
99CR13GW26	MW-2	Goundwater	10/13/99	AK101/8021B	Gasoline Range Organics	mg/L	0 09	J	0 09
99CR13GW26	MW-2	Goundwater	10/13/99	AK101/8021B	Benzene	mg/L	0 0005	J	0 0005
99CR13GW26	MW-2	Goundwater	10/13/99	AK101/8021B	Toluene	mg/L	0 002	J	0 002
99CR13GW26	MW-2	Goundwater	10/13/99	AK101/8021B	Ethylbenzene	mg/L	0 002	J	0 002
99CR13GW26	MW-2	Goundwater	10/13/99	AK101/8021B	P & M -Xylene	mg/L	0 002	J	0 002
99CR13GW26	MW-2	Goundwater	10/13/99	AK101/8021B	o-Xylene	mg/L	0 002	J	0 002

Cape Romanz f Site SS13
Surface Water Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SW11	SW-01	Surface Water	10/13/99	SW846-8270	Diesel Range Organics	mg/L	0 297		0 297
99CR13SW11	SW-01	Surface Water	10/13/99	SW846-8270	Residual Range Organics GC	mg/L	0 495		0 495
99CR13SW12	SW-01	Surface Water	10/13/99	SW846-8270	Gasoline Range Organics	mg/L	0 09		0 09
99CR13SW12	SW-01	Surface Water	10/13/99	SW846-8270	Benzene	mg/L	0 0005		0 0005
99CR13SW12	SW-01	Surface Water	10/13/99	SW846-8270	Toluene	mg/L	0 002		0 002
99CR13SW12	SW-01	Surface Water	10/13/99	SW846-8270	Ethylbenzene	mg/L	0 002		0 002
99CR13SW12	SW-01	Surface Water	10/13/99	SW846-8270	P & M -Xylene	mg/L	0 002		0 002
99CR13SW12	SW-01	Surface Water	10/13/99	SW846-8270	o-Xylene	mg/L	0 002		0 002
99CR13SW14	SW-01	Surface Water	10/13/99	SW846-8270	Nitrate-N	mg/L	0 699		0 5
99CR13SW14	SW-01	Surface Water	10/13/99	SW846-8270	Sulfate	mg/L	1 42		0 5
99CR13SW21	SW-02	Surface Water	10/13/99	SW846-8270	Diesel Range Organics	mg/L	0 3		0 3
99CR13SW21	SW-02	Surface Water	10/13/99	SW846-8270	Residual Range Organics GC	mg/L	0 5		0 5
99CR13SW22	SW-02	Surface Water	10/13/99	SW846-8270	Gasoline Range Organics	mg/L	0 09		0 09
99CR13SW22	SW-02	Surface Water	10/13/99	SW846-8270	Benzene	mg/L	0 0005		0 0005
99CR13SW22	SW-02	Surface Water	10/13/99	SW846-8270	Toluene	mg/L	0 002		0 002
99CR13SW22	SW-02	Surface Water	10/13/99	SW846-8270	Ethylbenzene	mg/L	0 002		0 002
99CR13SW22	SW-02	Surface Water	10/13/99	SW846-8270	P & M -Xylene	mg/L	0 002		0 002
99CR13SW22	SW-02	Surface Water	10/13/99	SW846-8270	o-Xylene	mg/L	0 002		0 002
99CR13SW24	SW-02	Surface Water	10/13/99	SW846-8270	Nitrate-N	mg/L	0 696		0 5
99CR13SW24	SW-02	Surface Water	10/13/99	SW846-8270	Sulfate	mg/L	1 31		0 5
99CR13SW25	SW-02	Surface Water	10/13/99	SW846-8270	Gasoline Range Organics	mg/L	0 09		0 09
99CR13SW25	SW-02	Surface Water	10/13/99	SW846-8270	Benzene	mg/L	0 0005		0 0005
99CR13SW25	SW-02	Surface Water	10/13/99	SW846-8270	Toluene	mg/L	0 002		0 002
99CR13SW25	SW-02	Surface Water	10/13/99	SW846-8270	Ethylbenzene	mg/L	0 002		0 002
99CR13SW25	SW-02	Surface Water	10/13/99	SW846-8270	P & M -Xylene	mg/L	0 002		0 002
99CR13SW25	SW-02	Surface Water	10/13/99	SW846-8270	o-Xylene	mg/L	0 002		0 002
99CR13SW31	SW-03	Surface Water	10/13/99	SW846-8270	Diesel Range Organics	mg/L	0 316		0 316
99CR13SW31	SW-03	Surface Water	10/13/99	SW846-8270	Residual Range Organics GC	mg/L	0 526		0 526
99CR13SW32	SW-03	Surface Water	10/13/99	SW846-8270	Gasoline Range Organics	mg/L	0 09		0 09
99CR13SW32	SW-03	Surface Water	10/13/99	SW846-8270	Benzene	mg/L	0 0005		0 0005
99CR13SW32	SW-03	Surface Water	10/13/99	SW846-8270	Toluene	mg/L	0 002		0 002
99CR13SW32	SW-03	Surface Water	10/13/99	SW846-8270	Ethylbenzene	mg/L	0 002		0 002
99CR13SW32	SW-03	Surface Water	10/13/99	SM19 2320B	P & M -Xylene	mg/L	0 002		0 002
99CR13SW32	SW-03	Surface Water	10/13/99	SM19 2320B	o-Xylene	mg/L	0 002		0 002
99CR13SW34	SW-03	Surface Water	10/13/99	EPA 300 0	Nitrate-N	mg/L	0 671		0 5
99CR13SW34	SW-03	Surface Water	10/13/99	EPA 300 0	Sulfate	mg/L	1 37		0 5

Cape Romanz f Site SS13
Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Diesel Range Organics	mg/Kg	55800		2430
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Residual Range Organics GC	mg/Kg	7250		4000
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	N-Nitrosodimethylamine	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Pyridine	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Aniline	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Phenol	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Bis(2-Chloroethyl)ether	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	2-Chlorophenol	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	1,3-Dichlorobenzene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	1,4-Dichlorobenzene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Benzyl alcohol	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	1,2-Dichlorobenzene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	2-Methylphenol (o-Cresol)	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	bis(2-chloroisopropyl)ether	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	3&4-Methylphenol (p&m-Cresol)	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	N-Nitroso-di-n-propylamine	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Hexachloroethane	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Nitrobenzene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Isophorone	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	2-Nitrophenol	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	2,4-Dimethylphenol	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Benzoic acid	mg/Kg	22		22
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Bis(2-Chloroethoxy)methane	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	1,2,4-Trichlorobenzene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Naphthalene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	4-Chloroaniline	mg/Kg	87		87
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Hexachlorobutadiene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	4-Chloro-3-methylphenol	mg/Kg	87		87
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	2,4-Dichlorophenol	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	2-Methylnaphthalene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Hexachlorocyclopentadiene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	2,4,6-Trichlorophenol	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	2,4,5-Trichlorophenol	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	2-Chloronaphthalene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	2-Nitroaniline	mg/Kg	22		22
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Dimethylphthalate	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Acenaphthylene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	2,6-Dinitrotoluene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	3-Nitroaniline	mg/Kg	22		22
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Acenaphthene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	2,4-Dinitrophenol	mg/Kg	22		22
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	4-Nitrophenol	mg/Kg	22		22
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Dibenzofuran	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	2,4-Dinitrotoluene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Diethylphthalate	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	4-Chlorophenyl-phenylether	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Fluorene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	4-Nitroaniline	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	2-Methyl-4,6-dinitrophenol	mg/Kg	22		22
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	N-Nitrosodiphenylamine	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	4-Bromophenyl-phenylether	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Hexachlorobenzene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Pentachlorophenol	mg/Kg	22		22
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Phenanthrene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Anthracene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Di-n-butylphthalate	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	AK102/103	Fluoranthene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Pyrene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Azobenzene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Butylbenzylphthalate	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	3,3-Dichlorobenzidine	mg/Kg	87		87
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Benzo(a)Anthracene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Chrysene	mg/Kg	43		43
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	bis(2-Ethylhexyl)phthalate	mg/Kg	43		43

Cape Romanzof Site SS13
Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	di-n-Octylphthalate	mg/Kg	4 3		4 3
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Benzo[b]Fluoranthene	mg/Kg	4 3		4 3
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Benzo[k]fluoranthene	mg/Kg	4 3		4 3
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Benzo[a]pyrene	mg/Kg	4 3		4 3
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Indeno[1,2,3-c,d] pyrene	mg/Kg	4 3		4 3
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Dibenzo[a,h]anthracene	mg/Kg	4 3		4 3
99CR13SD11	SS-01	Sediment	10/13/99	SW846 8082 PCB's	Benzo[g,h,i]perylene	mg/Kg	4 3		4 3
99CR13SD11	SS-01	Sediment	10/13/99	SW846-8270	Gasoline Range Organics	mg/Kg	16 4	J	13 3
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Dichlorodifluoromethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Chloromethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Vinyl chloride	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Bromomethane	mg/Kg	1 3	J	1 3
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Chloroethane	mg/Kg	1 3	J	1 3
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Trichlorofluoromethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,1-Dichloroethene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Carbon disulfide	mg/Kg	1 3	J	1 3
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Methylene chloride	mg/Kg	0 66	J	0 66
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	trans-1,2-Dichloroethene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,1-Dichloroethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	2-Butanone (MEK)	mg/Kg	1 3	J	1 3
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	2,2-Dichloropropane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	cis-1,2-Dichloroethene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Bromochloromethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Chloroform	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,1,1-Trichloroethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Carbon tetrachloride	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,1-Dichloropropene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Benzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,2-Dichloroethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Trichloroethene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,2-Dichloropropane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Dibromomethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Bromodichloromethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	2-Chloroethyl Vinyl Ether	mg/Kg	1 3	J	1 3
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	cis-1,3-Dichloropropene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	4-Methyl-2-pentanone (MIBK)	mg/Kg	1 3	J	1 3
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Toluene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	trans-1,3-Dichloropropene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,1,2-Trichloroethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Tetrachloroethene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,3-Dichloropropane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	2-Hexanone	mg/Kg	1 3	J	1 3
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Dibromochloromethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,2-Dibromoethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Chlorobenzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,1,1,2-Tetrachloroethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Ethylbenzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	P & M -Xylene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	o-Xylene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Styrene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Bromoform	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Isopropylbenzene (Cumene)	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Bromobenzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,1,2,2-Tetrachloroethane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,2,3-Trichloropropane	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	n-Propylbenzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	2-Chlorotoluene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	4-Chlorotoluene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,3,5-Trimethylbenzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	tert-Butylbenzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,2,4-Trimethylbenzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	sec-Butylbenzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,3-Dichlorobenzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	4-Isopropyltoluene	mg/Kg	0 13	J	0 13

Cape Romanzof Site SS13
Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,4-Dichlorobenzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,2-Dichlorobenzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	n-Butylbenzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,2-Dibromo-3-chloropropane	mg/Kg	1 3	J	1 3
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,2,4-Trichlorobenzene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Hexachlorobutadiene	mg/Kg	0 13	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	Naphthalene	mg/Kg	0 538	J	0 13
99CR13SD12	SS-01	Sediment	10/13/99	SW846-8270	1,2,3-Trichlorobenzene	mg/Kg	0 13	J	0 13
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Diesel Range Organics	mg/Kg	154		16 4
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Residual Range Organics GC	mg/Kg	421		27
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	N-Nitrosodimethylamine	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Pyridine	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Aniline	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Phenol	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Bis(2-Chloroethyl)ether	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2-Chlorophenol	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	1,3-Dichlorobenzene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	1,4-Dichlorobenzene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Benzyl alcohol	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	1,2-Dichlorobenzene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2-Methylphenol (o-Cresol)	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	bis(2-chloroisopropyl)ether	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	3&4-Methylphenol (p&m-Cresol)	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	N-Nitroso-di-n-propylamine	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Hexachloroethane	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Nitrobenzene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Isophorone	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2-Nitrophenol	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2,4-Dimethylphenol	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Benzoic acid	mg/Kg	2 8		2 8
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Bis(2-Chloroethoxy)methane	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	1,2,4-Trichlorobenzene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Naphthalene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	4-Chloroaniline	mg/Kg	1 1		1 1
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Hexachlorobutadiene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	4-Chloro-3-methylphenol	mg/Kg	1 1		1 1
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2,4-Dichlorophenol	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2-Methylnaphthalene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Hexachlorocyclopentadiene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2,4,6-Trichlorophenol	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2,4,5-Trichlorophenol	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2-Chloronaphthalene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2-Nitroaniline	mg/Kg	2 8		2 8
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Dimethylphthalate	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Acenaphthylene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2,6-Dinitrotoluene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	3-Nitroaniline	mg/Kg	2 8		2 8
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Acenaphthene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2,4-Dinitrophenol	mg/Kg	2 8		2 8
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	4-Nitrophenol	mg/Kg	2 8		2 8
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Dibenzofuran	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2,4-Dinitrotoluene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Diethylphthalate	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	4-Chlorophenyl-phenylether	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Fluorene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	4-Nitroaniline	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/Kg	2 8		2 8
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	N-Nitrosodiphenylamine	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	4-Bromophenyl-phenylether	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Hexachlorobenzene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Pentachlorophenol	mg/Kg	2 8		2 8
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Phenanthrene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Anthracene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Di-n-butylphthalate	mg/Kg	0 55		0 55

Cape R manzof Site SS13
Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Fluoranthene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Pyrene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Azobenzene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Butylbenzylphthalate	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	3,3-Dichlorobenzidine	mg/Kg	1 1		1 1
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Benzo(a)Anthracene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Chrysene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	di-n-Octylphthalate	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Benzo[b]Fluoranthene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Benzo[k]fluoranthene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Benzo[a]pyrene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Dibenzo[a,h]anthracene	mg/Kg	0 55		0 55
99CR13SD61	SS-06	Sediment	10/13/99	SW846-8270	Benzo[g,h,i]perylene	mg/Kg	0 55		0 55
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Gasoline Range Organics	mg/Kg	3 76		3 76
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Dichlorodifluoromethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Chloromethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Vinyl chloride	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Bromomethane	mg/Kg	0 38	J	0 38
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Chloroethane	mg/Kg	0 38	J	0 38
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Trichlorofluoromethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	1,1-Dichloroethene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Carbon disulfide	mg/Kg	0 38	J	0 38
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Methylene chloride	mg/Kg	0 19	J	0 19
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	trans-1,2-Dichloroethene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	1,1-Dichloroethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	2-Butanone (MEK)	mg/Kg	0 38	J	0 38
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	2,2-Dichloropropane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	cis-1,2-Dichloroethene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Bromochloromethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Chloroform	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	1,1,1-Trichloroethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Carbon tetrachloride	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	1,1-Dichloropropene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Benzene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	1,2-Dichloroethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Trichloroethene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	1,2-Dichloropropane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Dibromomethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846-8270	Bromodichloromethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	AK102/103	2-Chloroethyl Vinyl Ether	mg/Kg	0 38	J	0 38
99CR13SD62	SS-06	Sediment	10/13/99	AK102/103	cis-1,3-Dichloropropene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	AK102/103	4-Methyl-2-pentanone (MIBK)	mg/Kg	0 38	J	0 38
99CR13SD62	SS-06	Sediment	10/13/99	AK102/103	Toluene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	AK102/103	trans-1,3-Dichloropropene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	AK102/103	1,1,2-Trichloroethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	AK102/103	Tetrachloroethene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	AK102/103	1,3-Dichloropropane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	AK102/103	2-Hexanone	mg/Kg	0 38	J	0 38
99CR13SD62	SS-06	Sediment	10/13/99	AK102/103	Dibromochloromethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	1,2-Dibromoethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	Chlorobenzene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	1,1,1,2-Tetrachloroethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	Ethylbenzene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	P & M -Xylene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	o-Xylene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	Styrene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	Bromoform	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	Isopropylbenzene (Cumene)	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	Bromobenzene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	1,1,2,2-Tetrachloroethane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	1,2,3-Trichloropropane	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	n-Propylbenzene	mg/Kg	0 038	J	0 038

Cape R manz f Site SS13
Sediment Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	2-Chlorotoluene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	4-Chlorotoluene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	1,3,5-Tnmethylbenzene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	tert-Butylbenzene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	1,2,4-Tnmethylbenzene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	sec-Butylbenzene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	1,3-Dichlorobenzene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	4-Isopropyltoluene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	1,4-Dichlorobenzene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	1,2-Dichlorobenzene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	8015M/8021B	n-Butylbenzene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846 6010B	1,2-Dibromo-3-chloropropane	mg/Kg	0 38	J	0 38
99CR13SD62	SS-06	Sediment	10/13/99	SW846 6010B	1,2,4-Trichlorobenzene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846 6010B	Hexachlorobutadiene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846 6010B	Naphthalene	mg/Kg	0 038	J	0 038
99CR13SD62	SS-06	Sediment	10/13/99	SW846 6010B	1,2,3-Trichlorobenzene	mg/Kg	0 038	J	0 038

Cape Romanz f Site SS13
Soil Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	Diesel Range Organics	mg/Kg	466		19 6
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	Residual Range Organics GC	mg/Kg	469		32 4
99CR13SO31	LB-03	Soil/Solid	10/13/99	AK102/103	N-Nitrosodimethylamine	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	AK102/103	Pyridine	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	AK102/103	Aniline	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	AK102/103	Phenol	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	AK102/103	Bis(2-Chloroethyl)ether	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	AK102/103	2-Chlorophenol	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	AK102/103	1,3-Dichlorobenzene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	AK102/103	1,4-Dichlorobenzene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	AK102/103	Benzyl alcohol	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	AK102/103	1,2-Dichlorobenzene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	AK102/103	2-Methylphenol (o-Cresol)	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	bis(2-chloroisopropyl)ether	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	3&4-Methylphenol (p&m-Cresol)	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	N-Nitroso-di-n-propylamine	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	Hexachloroethane	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	Nitrobenzene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	Isophorone	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	2-Nitrophenol	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	2,4-Dimethylphenol	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	Benzoic acid	mg/Kg	6 4		6 4
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	Bis(2-Chloroethoxy)methane	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	1,2,4-Trichlorobenzene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	Naphthalene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	4-Chloroaniline	mg/Kg	2 6		2 6
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	Hexachlorobutadiene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	4-Chloro-3-methylphenol	mg/Kg	2 6		2 6
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	2,4-Dichlorophenol	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	2-Methylnaphthalene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	Hexachlorocyclopentadiene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	2,4,6-Trichlorophenol	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	2,4,5-Trichlorophenol	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	2-Chloronaphthalene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	2-Nitroaniline	mg/Kg	6 4		6 4
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	Dimethylphthalate	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846 8082 PCB's	Acenaphthylene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	2,6-Dinitrotoluene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	3-Nitroaniline	mg/Kg	6 4		6 4
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Acenaphthene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	2,4-Dinitrophenol	mg/Kg	6 4		6 4
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	4-Nitrophenol	mg/Kg	6 4		6 4
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Dibenzofuran	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	2,4-Dinitrotoluene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Diethylphthalate	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	4-Chlorophenyl-phenylether	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Fluorene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	4-Nitroaniline	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/Kg	6 4		6 4
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	N-Nitrosodiphenylamine	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	4-Bromophenyl-phenylether	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Hexachlorobenzene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Pentachlorophenol	mg/Kg	6 4		6 4
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Phenanthrene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Anthracene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Di-n-butylphthalate	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Fluoranthene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Pyrene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Azobenzene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Butylbenzylphthalate	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	3,3-Dichlorobenzidine	mg/Kg	2 6		2 6
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Benzo(a)Anthracene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Chrysene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/Kg	1 3		1 3

Cape Romanzof Site SS13
Soil Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	di-n-Octylphthalate	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Benzo[b]Fluoranthene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Benzo[k]fluoranthene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Benzo[a]pyrene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Dibenzo[a,h]anthracene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Benzo[g,h,i]perylene	mg/Kg	1 3		1 3
99CR13SO31	LB-03	Soil/Solid	10/13/99	SW846-8270	Gasoline Range Organics	mg/Kg	5 63		5 63
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Dichlorodifluoromethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Chloromethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Vinyl chlonde	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Bromomethane	mg/Kg	0 56	J	0 56
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Chloroethane	mg/Kg	0 56	J	0 56
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Trichlorofluoromethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,1-Dichloroethene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Carbon disulfide	mg/Kg	0 56	J	0 56
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Methylene chlonde	mg/Kg	0 28	J	0 28
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	trans-1,2-Dichloroethene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,1-Dichloroethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	2-Butanone (MEK)	mg/Kg	0 56	J	0 56
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	2,2-Dichloropropane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	cis-1,2-Dichloroethene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Bromochloromethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Chloroform	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,1,1-Trichloroethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Carbon tetrachlonde	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,1-Dichloropropene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Benzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,2-Dichloroethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Trichloroethene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,2-Dichloropropane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Dibromomethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Bromodichloromethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	2-Chloroethyl Vinyl Ether	mg/Kg	0 56	J	0 56
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	cis-1,3-Dichloropropene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	4-Methyl-2-pentanone (MIBK)	mg/Kg	0 56	J	0 56
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Toluene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	trans-1,3-Dichloropropene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,1,2-Trichloroethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Tetrachloroethene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,3-Dichloropropane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	2-Hexanone	mg/Kg	0 56	J	0 56
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Dibromochloromethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,2-Dibromoethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Chlorobenzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,1,1,2-Tetrachloroethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Ethylbenzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	P & M -Xylene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	o-Xylene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Styrene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Bromoform	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Isopropylbenzene (Cumene)	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Bromobenzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,1,2,2-Tetrachloroethane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,2,3-Trichloropropane	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	n-Propylbenzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	2-Chlorotoluene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	4-Chlorotoluene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,3,5-Trimethylbenzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	tert-Butylbenzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,2,4-Trimethylbenzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	sec-Butylbenzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,3-Dichlorobenzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	4-Isopropyltoluene	mg/Kg	0 056	J	0 056

Cape Romanz f Site SS13
Soil Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,4-Dichlorobenzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,2-Dichlorobenzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	n-Butylbenzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,2-Dibromo-3-chloropropane	mg/Kg	0 56	J	0 56
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,2,4-Trichlorobenzene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Hexachlorobutadiene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	Naphthalene	mg/Kg	0 056	J	0 056
99CR13SO32	LB-03	Soil/Solid	10/13/99	SW846-8270	1,2,3-Trichlorobenzene	mg/Kg	0 056	J	0 056
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Diesel Range Organics	mg/Kg	5870		198
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Residual Range Organics GC	mg/Kg	3440		327
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	N-Nitrosodimethylamine	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Pyridine	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Aniline	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Phenol	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Bis(2-Chloroethyl)ether	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2-Chlorophenol	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	1,3-Dichlorobenzene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	1,4-Dichlorobenzene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Benzyl alcohol	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	1,2-Dichlorobenzene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2-Methylphenol (o-Cresol)	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	bis(2-chloroisopropyl)ether	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	3&4-Methylphenol (p&m-Cresol)	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	N-Nitroso-di-n-propylamine	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Hexachloroethane	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Nitrobenzene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Isophorone	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2-Nitrophenol	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2,4-Dimethylphenol	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Benzoic acid	mg/Kg	44		44
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Bis(2-Chloroethoxy)methane	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	1,2,4-Trichlorobenzene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Naphthalene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	4-Chloroaniline	mg/Kg	17		17
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Hexachlorobutadiene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	4-Chloro-3-methylphenol	mg/Kg	17		17
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2,4-Dichlorophenol	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2-Methylnaphthalene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Hexachlorocyclopentadiene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2,4,6-Trichlorophenol	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2,4,5-Trichlorophenol	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2-Chloronaphthalene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2-Nitroaniline	mg/Kg	44		44
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Dimethylphthalate	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Acenaphthylene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2,6-Dinitrotoluene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	3-Nitroaniline	mg/Kg	44		44
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Acenaphthene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2,4-Dinitrophenol	mg/Kg	44		44
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	4-Nitrophenol	mg/Kg	44		44
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Dibenzofuran	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2,4-Dinitrotoluene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Diethylphthalate	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	4-Chlorophenyl-phenylether	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Fluorene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	4-Nitroaniline	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/Kg	44		44
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	N-Nitrosodiphenylamine	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	4-Bromophenyl-phenylether	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Hexachlorobenzene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Pentachlorophenol	mg/Kg	44		44
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Phenanthrene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Anthracene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Di-n-butylphthalate	mg/Kg	8 6		8 6

Cape Romanzof Site SS13
Soil Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Fluoranthene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Pyrene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Azobenzene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Butylbenzylphthalate	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	3,3-Dichlorobenzidine	mg/Kg	17		17
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Benzo(a)Anthracene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Chrysene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	di-n-Octylphthalate	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Benzo[b]Fluoranthene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Benzo[k]fluoranthene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Benzo[a]pyrene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Dibenzo[a,h]anthracene	mg/Kg	8 6		8 6
99CR13SO71	LB-07	Soil/Solid	10/13/99	SW846-8270	Benzo[g,h,i]perylene	mg/Kg	8 6		8 6
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Gasoline Range Organics	mg/Kg	6 04		6 04
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Dichlorodifluoromethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Chloromethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Vinyl chloride	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Bromomethane	mg/Kg	0 6	J	0 6
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Chloroethane	mg/Kg	0 6	J	0 6
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Trichlorofluoromethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,1-Dichloroethene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Carbon disulfide	mg/Kg	0 6	J	0 6
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Methylene chloride	mg/Kg	0 3	J	0 3
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	trans-1,2-Dichloroethene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,1-Dichloroethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	2-Butanone (MEK)	mg/Kg	0 6	J	0 6
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	2,2-Dichloropropane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	cis-1,2-Dichloroethene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Bromochloromethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Chloroform	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,1,1-Trichloroethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Carbon tetrachloride	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,1-Dichloropropene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Benzene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,2-Dichloroethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Trichloroethene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,2-Dichloropropane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Dibromomethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Bromodichloromethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	2-Chloroethyl Vinyl Ether	mg/Kg	0 6	J	0 6
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	cis-1,3-Dichloropropene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	4-Methyl-2-pentanone (MIBK)	mg/Kg	0 6	J	0 6
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Toluene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	trans-1,3-Dichloropropene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,1,2-Trichloroethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Tetrachloroethene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,3-Dichloropropane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	2-Hexanone	mg/Kg	0 6	J	0 6
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Dibromochloromethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,2-Dibromoethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Chlorobenzene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,1,1,2-Tetrachloroethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Ethylbenzene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	P & M -Xylene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	o-Xylene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Styrene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Bromoform	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Isopropylbenzene (Cumene)	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Bromobenzene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,1,2,2-Tetrachloroethane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,2,3-Trichloropropane	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	n-Propylbenzene	mg/Kg	0 06	J	0 06

Cape R manzof Site SS13
Soil Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	2-Chlorotoluene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	4-Chlorotoluene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,3,5-Trimethylbenzene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	tert-Butylbenzene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,2,4-Trimethylbenzene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	sec-Butylbenzene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,3-Dichlorobenzene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	4-Isopropyltoluene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,4-Dichlorobenzene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,2-Dichlorobenzene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	n-Butylbenzene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,2-Dibromo-3-chloropropane	mg/Kg	0 6	J	0 6
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,2,4-Trichlorobenzene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Hexachlorobutadiene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	Naphthalene	mg/Kg	0 06	J	0 06
99CR13SO72	LB-07	Soil/Solid	10/13/99	SW846 6010B	1,2,3-Trichlorobenzene	mg/Kg	0 06	J	0 06
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Diesel Range Organics	mg/Kg	2680		82 7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Residual Range Organics GC	mg/Kg	1880		137
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	N-Nitrosodimethylamine	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Pyridine	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Aniline	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Phenol	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Bis(2-Chloroethyl)ether	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2-Chlorophenol	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	1,3-Dichlorobenzene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	1,4-Dichlorobenzene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Benzyl alcohol	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	1,2-Dichlorobenzene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2-Methylphenol (o-Cresol)	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	bis(2-chloroisopropyl)ether	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	3&4-Methylphenol (p&m-Cresol)	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	N-Nitroso-di-n-propylamine	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Hexachloroethane	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Nitrobenzene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Isophorone	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2-Nitrophenol	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2,4-Dimethylphenol	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Benzoic acid	mg/Kg	36		36
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Bis(2-Chloroethoxy)methane	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	1,2,4-Trichlorobenzene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Naphthalene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	4-Chloroaniline	mg/Kg	14		14
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Hexachlorobutadiene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	4-Chloro-3-methylphenol	mg/Kg	14		14
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2,4-Dichlorophenol	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2-Methylnaphthalene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Hexachlorocyclopentadiene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2,4,6-Trichlorophenol	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2,4,5-Trichlorophenol	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2-Chloronaphthalene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2-Nitroaniline	mg/Kg	36		36
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Dimethylphthalate	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Acenaphthylene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2,6-Dinitrotoluene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	3-Nitroaniline	mg/Kg	36		36
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Acenaphthene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2,4-Dinitrophenol	mg/Kg	36		36
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	4-Nitrophenol	mg/Kg	36		36
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Dibenzofuran	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2,4-Dinitrotoluene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Diethylphthalate	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	4-Chlorophenyl-phenylether	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Fluorene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	4-Nitroaniline	mg/Kg	7		7

Cape R manzof Site SS13
S il Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	2-Methyl-4,6-dinitrophenol	mg/Kg	36		36
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	N-Nitrosodiphenylamine	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	4-Bromophenyl-phenylether	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Hexachlorobenzene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Pentachlorophenol	mg/Kg	36		36
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Phenanthrene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Anthracene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Di-n-butylphthalate	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Fluoranthene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Pyrene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Azobenzene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Butylbenzylphthalate	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	3,3-Dichlorobenzidine	mg/Kg	14		14
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Benzo(a)Anthracene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Chrysene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	bis(2-Ethylhexyl)phthalate	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	di-n-Octylphthalate	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Benzo[b]Fluoranthene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Benzo[k]fluoranthene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Benzo[a]pyrene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Indeno[1,2,3-c,d] pyrene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Dibenzo[a,h]anthracene	mg/Kg	7		7
99CR13SO81	LB-08	Soil/Solid	10/13/99	SW846-8270	Benzo[g,h,i]perylene	mg/Kg	7		7
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846 6010B	Gasoline Range Organics	mg/Kg	5 51		5 51
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846 6010B	Dichlorodifluoromethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846 6010B	Chloromethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846 6010B	Vinyl chlonde	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846 6010B	Bromomethane	mg/Kg	0 55	J	0 55
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846 6010B	Chloroethane	mg/Kg	0 55	J	0 55
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846 6010B	Trichlorofluoromethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846 6010B	1,1-Dichloroethene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846 6010B	Carbon disulfide	mg/Kg	0 55	J	0 55
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846 6010B	Methylene chlonde	mg/Kg	0 28	J	0 28
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846 6010B	trans-1,2-Dichloroethene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,1-Dichloroethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	2-Butanone (MEK)	mg/Kg	0 55	J	0 55
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	2,2-Dichloropropane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	cis-1,2-Dichloroethene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Bromochloromethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Chloroform	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,1,1-Trichloroethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Carbon tetrachlonde	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,1-Dichloropropene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Benzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2-Dichloroethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Trichloroethene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2-Dichloropropane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Dibromomethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Bromodichloromethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	2-Chloroethyl Vinyl Ether	mg/Kg	0 55	J	0 55
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	cis-1,3-Dichloropropene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/Kg	0 55	J	0 55
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Toluene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	trans-1,3-Dichloropropene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,1,2-Trichloroethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Tetrachloroethene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,3-Dichloropropane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	2-Hexanone	mg/Kg	0 55	J	0 55
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Dibromochloromethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2-Dibromoethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Chlorobenzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,1,1,2-Tetrachloroethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Ethylbenzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	P & M -Xylene	mg/Kg	0 055	J	0 055

Cape R manz f Site SS13
Soil Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	o-Xylene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Styrene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Bromoform	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Isopropylbenzene (Cumene)	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Bromobenzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,1,2,2-Tetrachloroethane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2,3-Trichloropropane	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	n-Propylbenzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	2-Chlorotoluene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	4-Chlorotoluene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,3,5-Trimethylbenzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	tert-Butylbenzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2,4-Trimethylbenzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	sec-Butylbenzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,3-Dichlorobenzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	4-Isopropyltoluene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,4-Dichlorobenzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2-Dichlorobenzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	n-Butylbenzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2-Dibromo-3-chloropropane	mg/Kg	0 55	J	0 55
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2,4-Trichlorobenzene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Hexachlorobutadiene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	Naphthalene	mg/Kg	0 055	J	0 055
99CR13SO82	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2,3-Trichlorobenzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Gasoline Range Organics	mg/Kg	5 51		5 51
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Dichlorodifluoromethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Chloromethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Vinyl chloride	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Bromomethane	mg/Kg	0 55	J	0 55
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Chloroethane	mg/Kg	0 55	J	0 55
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Trichlorofluoromethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,1-Dichloroethene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Carbon disulfide	mg/Kg	0 55	J	0 55
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Methylene chloride	mg/Kg	0 28	J	0 28
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	trans-1,2-Dichloroethene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,1-Dichloroethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	2-Butanone (MEK)	mg/Kg	0 55	J	0 55
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	2,2-Dichloropropane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	cis-1,2-Dichloroethene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Bromochloromethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Chloroform	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,1,1-Trichloroethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Carbon tetrachloride	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,1-Dichloropropene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Benzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2-Dichloroethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Trichloroethene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2-Dichloropropane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Dibromomethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Bromodichloromethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	2-Chloroethyl Vinyl Ether	mg/Kg	0 55	J	0 55
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	cis-1,3-Dichloropropene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/Kg	0 55	J	0 55
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Toluene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	trans-1,3-Dichloropropene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,1,2-Trichloroethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Tetrachloroethene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,3-Dichloropropane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	2-Hexanone	mg/Kg	0 55	J	0 55
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Dibromochloromethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2-Dibromoethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Chlorobenzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,1,1,2-Tetrachloroethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Ethylbenzene	mg/Kg	0 055	J	0 055

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Soil Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	P & M -Xylene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	o-Xylene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Styrene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Bromoform	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Isopropylbenzene (Cumene)	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Bromobenzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,1,2,2-Tetrachloroethane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2,3-Trichloropropane	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	n-Propylbenzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	2-Chlorotoluene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	4-Chlorotoluene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,3,5-Trimethylbenzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	tert-Butylbenzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2,4-Trimethylbenzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	sec-Butylbenzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,3-Dichlorobenzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	4-Isopropyltoluene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,4-Dichlorobenzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2-Dichlorobenzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	n-Butylbenzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2-Dibromo-3-chloropropane	mg/Kg	0 55	J	0 55
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2,4-Trichlorobenzene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Hexachlorobutadiene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	Naphthalene	mg/Kg	0 055	J	0 055
99CR13SO83	LB-08	Soil/Solid	10/13/99	SW846-8260	1,2,3-Trichlorobenzene	mg/Kg	0 055	J	0 055
Trip Blank	NA	Soil/Solid		SW846-8260	Gasoline Range Organics	mg/Kg	2 5		2 5
Trip Blank	NA	Soil/Solid		SW846-8260	Dichlorodifluoromethane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	Chloromethane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	Vinyl chloride	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	Bromomethane	mg/Kg	0 26		0 26
Trip Blank	NA	Soil/Solid		SW846-8260	Chloroethane	mg/Kg	0 26		0 26
Trip Blank	NA	Soil/Solid		SW846-8260	Trichlorofluoromethane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	1,1-Dichloroethene	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	Carbon disulfide	mg/Kg	0 26		0 26
Trip Blank	NA	Soil/Solid		SW846-8260	Methylene chloride	mg/Kg	0 13		0 13
Trip Blank	NA	Soil/Solid		SW846-8260	trans-1,2-Dichloroethene	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	1,1-Dichloroethane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	2-Butanone (MEK)	mg/Kg	0 26		0 26
Trip Blank	NA	Soil/Solid		SW846-8260	2,2-Dichloropropane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	cis-1,2-Dichloroethene	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	Bromochloromethane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	Chloroform	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	1,1,1-Trichloroethane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	Carbon tetrachloride	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	1,1-Dichloropropene	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	Benzene	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	1,2-Dichloroethane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	Trichloroethene	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	1,2-Dichloropropane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	Dibromomethane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	Bromodichloromethane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	2-Chloroethyl Vinyl Ether	mg/Kg	0 26		0 26
Trip Blank	NA	Soil/Solid		SW846-8260	cis-1,3-Dichloropropene	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	4-Methyl-2-pentanone (MIBK)	mg/Kg	0 26		0 26
Trip Blank	NA	Soil/Solid		SW846-8260	Toluene	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	trans-1,3-Dichloropropene	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	1,1,2-Trichloroethane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	Tetrachloroethene	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	1,3-Dichloropropane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	2-Hexanone	mg/Kg	0 26		0 26
Trip Blank	NA	Soil/Solid		SW846-8260	Dibromochloromethane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	1,2-Dibromoethane	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	Chlorobenzene	mg/Kg	0 026		0 026
Trip Blank	NA	Soil/Solid		SW846-8260	1,1,1,2-Tetrachloroethane	mg/Kg	0 026		0 026

Cape R manzof Site SS13
Soil Analytical Results

SAMPLE ID	SAMPLE SITE	MATRIX	COLLECTION DATE	ANALYTICAL METHOD	ANALYTE	UNITS	RESULT	RESULT FLAG	REPDL
Tnp Blank	NA	Soil/Solid		SW846-8260	Ethylbenzene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	P & M -Xylene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	o-Xylene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	Styrene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	Bromoform	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	Isopropylbenzene (Cumene)	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	Bromobenzene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	1,1,2,2-Tetrachloroethane	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	1,2,3-Trichloropropane	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	n-Propylbenzene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	2-Chlorotoluene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	4-Chlorotoluene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	1,3,5-Trimethylbenzene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	tert-Butylbenzene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	1,2,4-Trimethylbenzene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	sec-Butylbenzene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	1,3-Dichlorobenzene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	4-Isopropyltoluene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	1,4-Dichlorobenzene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	1,2-Dichlorobenzene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	n-Butylbenzene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	1,2-Dibromo-3-chloropropane	mg/Kg	0 26		0 26
Tnp Blank	NA	Soil/Solid		SW846-8260	1,2,4-Trichlorobenzene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846-8260	Hexachlorobutadiene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846 8082 PCB's	Naphthalene	mg/Kg	0 026		0 026
Tnp Blank	NA	Soil/Solid		SW846 8082 PCB's	1,2,3-Trichlorobenzene	mg/Kg	0 026		0 026

TAB

Appendix B

ADEC Soil and Groundwater MCL's

TABLE B1. METHOD TWO – SOIL CLEANUP LEVELS TABLE (See notes to table for additional requirements)										
		Arctic Zone [1]			Under 40 inch Zone [2]			Over 40 inch Zone [3]		
CAS NUMBER [4]	CHEMICAL NAME (**Carcinogenics in Bold Type**)	Ingestion [5] (mg/kg)	Inhalation [6] (mg/kg)	Migration to Ground-water [7] (N/A)	Ingestion (mg/kg)	Inhalation (mg/kg)	Migration to Groundwater (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Migration to Groundwater (mg/kg)
	ORGANICS									
83-32-9	Acenaphthene[15]	8200			6100		210	5000		190
67-64-1	Acetone (2-Propanone)	14000			10000		10	8300		9
309-00-2	**Aldrin**	0.7	35		0.5	24	1.6	0.40	18	1.5
120-12-7	Anthracene[15]	41000			30000		4300	24900		3900
71-43-2	**Benzene** [15]	390	13		290	9	0.02	230	6.4	0.02
56-55-3	**Benzo(a)anthracene** [15]	15			11		6	9		5.5
205-99-2	**Benzo(b)fluoranthene** [15]	15			11		20	9		17
207-08-9	**Benzo(k)fluoranthene** [15]	150			110		200	93		170
65-85-0	Benzoic acid	547500			410000		390	332000		350
50-32-8	**Benzo(a)pyrene** [15]	1.5			1		3	0.9		2.4
111-44-4	**Bis(2-chlorethyl)ether**	10	5		8	3	0.002	6	2.4	0.002
117-81-7	**Bis(2-ethylhexyl)phthalate**	800			590		1200	490		1100
75-27-4	**Bromodichloromethane**	180			130		0.35	110		0.3
75-25-2	**Bromoform (Tribromomethane)**	1400	590[12]		1050	500	0.38	860	370	0.34
71-36-3	Butanol	14000			10000		10	8300		9
85-68-7	Butyl benzyl phthalate	27000			20000		5600	16600		5000
86-74-8	**Carbazole**	560			420		2	340		2
75-15-0	Carbon disulfide	14000	453[12]		10000	453[12]	17	8300	453[12]	16
56-23-5	**Carbon tetrachloride**	86	5		64	3.4	0.03	52	2 6	0.03
57-74-9	**Chlordane**	9	200		6	140	3	5	100	3
106-47-8	p-Chloroaniline	550			410		0.5	330		0.46
108-90-7	Chlorobenzene	2700	160		2000	110	0.6	1700	81	0.5
124-48-1	**Chlorodibromomethane**	130			100		0.2	80		0.2

TABLE B1. METHOD TWO – SOIL CLEANUP LEVELS TABLE (See notes to table for additional requirements)										
		Arctic Zone [1]			Under 40 inch Zone [2]			Over 40 inch Zone [3]		
CAS NUMBER [4]	CHEMICAL NAME (**Carcinogenics in Bold Type**)	Ingestion [5] (mg/kg)	Inhalation [6] (mg/kg)	Migration to Ground-water [7] (N/A)	Ingestion (mg/kg)	Inhalation (mg/kg)	Migration to Groundwater (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Migration to Groundwater (mg/kg)
67-66-3	**Chloroform**	1400	5		1000	3.4	0.34	830	2.4	0.3
95-57-8	2-Chlorophenol	680			510		1.4	415		1.3
218-01-9	**Chrysene** [15]	1500			1100		620	930		550
72-54-8	**DDD**	47			35		47	28		42
72-55-9	**DDE**	33			24		150	20		130
50-29-3	**DDT**	33	7800		24	5300	88	20	3900	80
53-70-3	**Dibenzo(a,h)anthracene** [15]	1.5			1		6	0.9		5
84-74-2	Di-n-butyl phthalate	14000			10000		1700	8300		1500
117-84-0	Di-n-octyl phthalate	2700			2000		810000	1700		720000
95-50-1	1,2-Dichlorobenzene	12000	110[12]		9100	110[12]	7	7500	110[12]	6
106-46-7	**1,4-Dichlorobenzene**	470	12000		350	8000	0.8	280	6000	0.7
91-94-1	**3,3-Dichlorobenzidine**	25			18		0.02	15		0.02
75-34-3	1,1-Dichloroethane	14000	890[12]		10000	890[12]	12	8300	890[12]	11
107-06-2	**1,2-Dichloroethane**	120	7		91	5	0.015	75	3.5	0.01
75-35-4	**1,1-Dichloroethylene**	19	1.3		14	0.9	0.03	11	0.65	0.03
156-59-2	cis-1,2-Dichloroethylene	1400			1000		0.2	830		0.2
156-60-5	trans-1,2-Dichloroethylene	2700			2000		0.4	1700		0.34
120-83-2	2,4-Dichlorophenol	410			300		0.45	250		0.45
78-87-5	**1,2-Dichloropropane**	160	25		120	17	0.017	100	12	0.015
542-75-6	**1,3-Dichloropropene**	41	2.3		30	1.5	0.02	25	1	0.02
60-57-1	**Dieldrin**	0.7	12		0.5	8	0.015	0.4	6	0.014
131-11-3	Dimethyl phthalate	>1000000			>1000000		1400	830000		1200
84-66-2	Diethyl phthalate	110000			81000		190	66000		170
105-67-9	2,4-Dimethylphenol	2700			2000		4	1700		3.6
51-28-5	2,4-Dinitrophenol	270			200		0.2	170		0.17

TABLE B1. METHOD TWO – SOIL CLEANUP LEVELS TABLE (See notes to table for additional requirements)										
		Arctic Zone [1]			Under 40 inch Zone [2]			Over 40 inch Zone [3]		
CAS NUMBER [4]	CHEMICAL NAME (Carcinogenics in Bold Type)	Ingestion [5] (mg/kg)	Inhalation [6] (mg/kg)	Migration to Ground-water [7] (N/A)	Ingestion (mg/kg)	Inhalation (mg/kg)	Migration to Groundwater (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Migration to Groundwater (mg/kg)
131-11-3	Dimethyl phthalate	>1000000			>1000000		1400	830000		1200
121-14-2	**2,4-Dinitrotoluene**	17			12		0.005	10		0.0044
606-20-2	**2,6-Dinitrotoluene**	17			12		0.0044	10		0.004
174-60-16	**Dioxin [8]**									
115-29-7	Endosulfan	820			610		7	500		6
72-20-8	Endrin	41			30		0.3	25		0.3
100-41-4	Ethylbenzene [15]	13700	89[12]		10000	89[12]	5.5	8300	89[12]	5
206-44-0	Fluoranthene	5500			4100		2100	3300		1900
86-73-7	Fluorene[15]	5500			4100		270	3300		240
76-44-8	**Heptachlor**	2.5	1.2		2	0.8	8	1.5	0.6	7
1024-57-3	**Heptachlor epoxide**	1	50		0.9	33	0.2	0.75	25	0 2
118-74-1	**Hexachlorobenzene**	7	10		5	7	0.73	4	5	0.7
87-68-3	**Hexachloro-1,3-butadiene**	27	82		20	55	8	17	41	7
319-84-6	**alpha-Hexachlorocyclohexane**	2	8		1.3	5.5	0.0026	1	4	0.002
319-85-7	**beta-Hexachlorocyclohexane**	6	65		4.6	43	0.009	4	32	0.008
58-89-9	**gamma-Hexachlorocyclohex-ane (Lindane)**	9			6.4		0.003	5		0.003
77-47-4	Hexachlorocyclopentadiene	960	11		710	7	130	580	5	120
67-72-1	**Hexachloroethane**	139	580		101	390	1.6	83	290	1.4
193-39-5	**Indeno(1,2,3-c,d)pyrene [15]**	15			11		54	9		50
78-59-1	**Isophorone**	11800			8700		3	7200		2.6
72-43-5	Methoxychlor	680			510		52	420		47
74-83-9	Methyl bromide	190	21		140	14	0.16	120	11	0.14
75-09-2	**Methylene chloride**	1500	270		1100	180	0.015	900	135	0 01
95-48-7	2-Methylphenol (o-cresol)	6800			5100		7	4200		6

TABLE B1. METHOD TWO – SOIL CLEANUP LEVELS TABLE (See notes to table for additional requirements)

		Arctic Zone [1]			Under 40 inch Zone [2]			Over 40 inch Zone [3]		
CAS NUMBER [4]	CHEMICAL NAME (**Carcinogenics in Bold Type**)	Ingestion [5] (mg/kg)	Inhalation [6] (mg/kg)	Migration to Ground-water [7] (N/A)	Ingestion (mg/kg)	Inhalation (mg/kg)	Migration to Groundwater (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Migration to Groundwater (mg/kg)
91-20-3	Naphthalene[15]	5500			4100		43	3300		38
98-95-3	Nitrobenzene	68	130		51	90	0.06	42	67	0.06
86-30-6	**n-Nitrosodiphenylamine**	2300			1700		3.4	1400		3
621-64-7	**n-Nitrosodi-n-propylamine**	1.6			1.2		0.00036	1.0		0.0003
87-86-5	**Pentachlorophenol**	46.7[13]			35[13]		0.01	28[13]		0.009
108-95-2	Phenol	82000			60800		67	50000		60
133-63-63	**Polychlorinated Biphenyls (PCBs)** [9]	10	10		10	10	10	10	10	10
129-00-0	Pyrene[15]	4100			3000		1500	2500		1400
100-42-5	Styrene	27400	280[12]		20300	280[12]	1.3	17000	280[12]	1.2
79-34-5	**1,1,2,2-Tetrachloroethane**	56	8		42	5.4	0.017	34	4	0.01
127-18-4	**Tetrachloroethylene**	220	80[12]		160	80[12]	0 03	130	79	0.025
108-88-3	Toluene [15]	27400	180[12]		20300	180[12]	5.4	17000	180[12]	4.8
8001-35-2	**Toxaphene**	10	920		8	620	10	6	460	9
120-82-1	1,2,4-Trichlorobenzene	1400	570[12]		1000	570[12]	2	830	570[12]	1.7
71-55-6	1,1,1-Trichloroethane		460[12]			460[12]	1.0		460[12]	0.9
79-00-5	**1,1,2-Trichloroethane**	200	15		150	10	0.017	120	8	0.015
79-01-6	**Trichloroethylene**	1000	64		750	43	0.027	620	32	0.02
95-95-4	2,4,5-Trichlorophenol	13700			10000		90	8300		78
88-06-2	**2,4,6-Trichlorophenol**	1000	2300		750	1500	0.6	620	1100	0 5
108-05-4	Vinyl acetate	137900	2200[12]		101000	1500	100	83000	1100	90
75-01-4	**Vinyl chloride** (Chloroethene)	6	0.7		4	0.5	0.009	4	0.3	0.008
1330-20-7	Xylenes (total)[15]	274000	81[12]		203000	81[12]	78	166000	81[12]	69
	INORGANICS									
7440-36-0	Antimony	55			41		3.6	33		3

TABLE B1. METHOD TWO – SOIL CLEANUP LEVELS TABLE (See notes to table for additional requirements)

		Arctic Zone [1]			Under 40 inch Zone [2]			Over 40 inch Zone [3]		
CAS NUMBER [4]	CHEMICAL NAME (**Carcinogenics in Bold Type**)	Ingestion [5] (mg/kg)	Inhalation [6] (mg/kg)	Migration to Ground-water [7] (N/A)	Ingestion (mg/kg)	Inhalation (mg/kg)	Migration to Groundwater (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Migration to Groundwater (mg/kg)
7440-38-2	**Arsenic**	8			5.5		2	4.5		1.8
7440-39-3	Barium	9600			7100		1100	5800		982
7440-41-7	**Beryllium**	2.6			1.9		42	1.6		38
7440-43-9	Cadmium	140			100		5	83		4.5
7440-47-3	Chromium (Total)	680			510		26	420		23
16065-83-1	Chromium +3	137,000			100000		>1000000	83000		>1000000
18540-29-9	Chromium +6	680			510		26	420		23
57-12-5	Cyanide [10]	2700			2000		27	1700		24
7439-92-1	Lead [11]									
7439-97-6	Mercury		26			18	1.4		13	1.24
7440-02-0	Nickel	2700			2000		87	1700		78
7782-49-2	Selenium	680			510		3.5	420		3
7440-22-4	Silver	680			510		21	420		19
7440-62-2	Vanadium	960			710		3400	580		3050
7440-66-6	Zinc	41000			30000		9100	25000		8100

NOTES TO TABLE B1 FOLLOW TABLE B2 IN (d) OF THIS SECTION

TABLE B2. METHOD TWO - PETROLEUM HYDROCARBON SOIL CLEANUP LEVELS

Petroleum Hydrocarbon Range	Arctic Zone			Under 40 Inch Zone			Over 40 Inch Zone			Maximum Allowable Concentrations[14] mg/kg
	Ingestion (mg/kg)	Inhalation (mg/kg)	Migration to Groundwater (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Migration to groundwater (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Migration to Groundwater (mg/kg)	
For Laboratory Analysis using AK Methods 101, 102, and 103										
C_6-C_{10} GRO using AK 101	1400	1400	N/A	1400	1400	300	1400	1400	260	1400
C_{10}-C_{25} DRO using AK 102	12500	12500	N/A	10250	12500	250	8250	12500	230	12500
C_{25}-C_{36} RRO using AK 103	13700	22000	N/A	10000	22000	11000	8300	22000	9700	22000
For Laboratory Analysis using AK Aliphatic and Aromatic Fraction Methods 101AA, 102AA, and 103AA										
C_6-C_{10} Aliphatics	1000	1000	N/A	1000	1000	270	1000	1000	240	1000
C_6-C_{10} Aromatics	1000	1000	N/A	1000	1000	150	1000	1000	130	1000
C_{10}-C_{25} Aliphatics	10000	10000	N/A	10000	10000	7200	8300	10000	6400	10000
C_{10}-C_{25} Aromatics	5000	5000	N/A	4100	5000	100	3300	5000	90	5000
C_{25}-C_{36} Aliphatics	20000	20000	N/A	20000	20000	20000	20000	20000	20000	20000
C_{25}-C_{36} Aromatics	4100	10000	N/A	3000	10000	3300	2500	10000	2900	10000

See notes to table for further requirements. "N/A" means not applicable.

Notes to Tables B1 and B2:

For PCB-free mineral oils, the department will approve alternate levels or exposure pathways, if the department determines that the alternative levels or exposure pathways are protective of human health, safety, and welfare, and of the environment. Although migration to groundwater is not applicable to the Arctic zone, site-specific levels must be protective of migration to surface water. Concentrations of hazardous substances in soil must be calculated and presented on a per dry weight basis. For volatile organic hazardous substances for which toxicity data is not currently available, the cleanup level that applies at a site is the calculated saturation concentration determined using the equations set out in *Guidance on Cleanup Standards Equations and Input Parameters*, adopted by reference in 18 AAC 75.325. The cleanup level from Table B1 or B2 that applies at a site is the most stringent of the applicable exposure pathway-specific cleanup levels based on ingestion, inhalation, or migration to groundwater. In Table B1, a blank space means not available or not applicable.

1. "Arctic zone" is defined at 18 AAC 75.990.
2. "under 40 inch zone" means a site that receives mean annual precipitation of less than 40 inches each year.
3. "over 40 inch zone" means a site that receives mean annual precipitation of 40 or more inches each year.
4. "CAS Number" means the Chemical Abstract Service (CAS) registry number uniquely assigned to chemicals by the American Chemical Society and recorded in the CAS Registry System.
5. "ingestion" means a potential pathway of exposure to hazardous substances in soil through direct consumption of the soil.
6. "Inhalation" means a potential pathway of exposure to volatile organic hazardous substances in the soil through volatilization.
7. "Migration to groundwater" means a potential exposure to hazardous substances in soil through direct ingestion of groundwater contaminated with concentrations of hazardous substances at levels listed in Table C at 18 AAC 75.345(b)(1) as a result of movement of hazardous substances through soil to the groundwater; this exposure pathway is not applicable to the Arctic zone, where soil cleanup levels protective of migration to surface water must be determined on a site-specific basis.
8. Dioxin cleanup levels must be determined on a site-specific basis.
9. For residential land use, the cleanup level for PCBs in surface soil is 1 mg/kg; for commercial or industrial land use, the cleanup level for PCBs in surface soils is 10 mg/kg and for PCBs in subsurface soil is 25 mg/kg; a responsible person may also propose an alternative cleanup level through an approved site-specific risk assessment, conducted according to the *Risk Assessment Procedures Manual*, adopted by reference at 18 AAC 75.340.
10. Cyanide expressed as free, or physiologically available cyanide.
11. Lead cleanup levels must be determined on a site-specific basis, based on land use; for residential land use, the soil cleanup level is 400 mg/kg, and for commercial or industrial land use, that level is 1,000 mg/kg; through an approved site-specific risk assessment, conducted according to the *Risk Assessment Procedures Manual*, adopted by reference at 18 AAC 75.340, approved exposure models may be used to evaluate exposure to a child resident or an adult worker; a responsible person may also propose an alternative cleanup level, through a site-specific risk assessment conducted according to the *Manual*, and based on a chemical speciation

of the lead present at the site.
12. These levels are based on soil saturation level (Csat) using the equations set out in *Guidance on Cleanup Standards Equations and Input Parameters*, adopted by reference in 18 AAC 75.325.
13. Ingestion value is adjusted by a factor of 0.5 to account for dermal exposure.
14. This level is the concentration of C_6 - C_{10}, C_{10} - C_{25}, or C_{25} - C_{36} petroleum hydrocarbon range in surface and subsurface soil that, if exceeded, indicates an increased potential for hazardous substance migration or for risk to human health, safety, or welfare, or to the environment; the level of a petroleum hydrocarbon may not remain at a concentration above the maximum allowable concentration unless a responsible person demonstrates that the petroleum hydrocarbon will not migrate and will not pose a significant risk to human health, safety, or welfare, or to the environment. Free product must be recovered as required by 18 AAC 75.325(f).
15. If using method two or method three, the applicable petroleum hydrocarbon cleanup levels must be met in addition to the applicable chemical-specific cleanup levels for benzene, toluene, ethylbenzene, and total xylenes; the chemical-specific cleanup levels for the polynuclear aromatic hydrocarbons acenaphthene, anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, dibenzo(a,h)anthracene, fluorene, indeno(1,2,3-c,d)pyrene, naphthalene, and pyrene must also be met unless the department determines that those cleanup levels need not be met to protect human health, safety, and welfare, and the environment. (Eff. 1/22/99, Register 149)

Authority:	AS 46.03.020	AS 46.03.740	AS 46.04.070
	AS 46.03.050	AS 46.03.745	AS 46.09.020
	AS 46.03.710	AS 46.04.020	

18 AAC 75.345. GROUNDWATER AND SURFACE WATER CLEANUP LEVELS. (a) Except as otherwise provided in this section, cleanup of a discharge or release of a hazardous substance to groundwater or surface water must meet the requirements of this section.

(b) Contaminated groundwater must meet

(1) the cleanup levels in Table C if the current use or the reasonably expected potential future use of the groundwater, determined under 18 AAC 75.350, is a drinking water source;

TABLE C. GROUNDWATER CLEANUP LEVELS
(Carcinogenics in Bold Type)

Hazardous Substance	CAS Registry Number	Groundwater Cleanup Level (mg/L)
1,2-Dichlorobenzene	95-50-1	0.6
1,4-Dichlorobenzene	106-46-7	0.075
3,3-Dichlorobenzidine	91-94-1	0.002
1,1-Dichloroethane	75-34-3	3.65
1,2-Dichloroethane	107-06-2	0.005
1,1-Dichloroethylene	75-35-4	0.007
cis-1,2-Dichloroethylene	156-59-2	0 07
trans-1,2-Dichloroethylene	156-60-5	0.1
2,4-Dichlorophenol	120-83-2	0.1
1,2-Dichloropropane	78-87-5	0.005
1,3-Dichloropropene	542-75-6	0.005
Dieldrin	60-57-1	0.00005
Diethyl phthalate	84-66-2	29.0
2,4-Dimethylphenol	105-67-9	0.7
2,4-Dinitrophenol	51-28-5	0.07
2,4-Dinitrotoluene	121-14-2	0.00125
2,6-Dinitrotoluene	606-20-2	0.00125
Di-n-octyl phthalate	117-84-0	0.7
Dioxin	174-60-16	0.00000003
Endosulfan	115-29-7	0.2
Endrin	72-20-8	0.002
Ethylbenzene	100-41-4	0.7
Fluoranthene	206-44-0	1.46
Fluorene	86-73-7	1.46
Heptachlor	76-44-8	0.0004
Heptachlor epoxide	1024-57-3	0.0002
Hexachlorobenzene	118-74-1	0.001
Hexachloro-1,3-butadiene	87-68-3	0.01
alpha-Hexachlorocyclohexane	319-84-6	0.0001
beta-Hexachlorocyclohexane	319-85-7	0.00047
gamma-Hexachlorocyclohexane (Lindane)	58-89-9	0.0002
Hexachlorocyclopentadiene	77-47-4	0 05
Hexachloroethane	67-72-1	0.06
Indeno(1,2,3-c,d)pyrene	193-39-5	0.001
Isophorone	78-59-1	0.9
Lead	7439-92-1	0.015
Mercury	7439-97-6	0.002
Methoxychlor	72-43-5	0.04
Methyl bromide	74-83-9	0.05
Methylene chloride	75-09-2	0.005
2-Methylphenol (o-cresol)	95-48-7	1.8
Naphthalene	91-20-3	1.46
Nickel	7440-02-0	0.1

TABLE C. GROUNDWATER CLEANUP LEVELS
(Carcinogenics in Bold Type)

Hazardous Substance	CAS Registry Number	Groundwater Cleanup Level (mg/L)
Acenaphthene	83-32-9	2.2
Acetone	67-64-1	3.65
Aldrin	309-00-2	0.00005
Anthracene	120-12-7	11.0
Antimony	7440-36-0	0.006
Arsenic	7440-38-2	0.05
Barium	7440-39-3	2.0
Benzene	71-43-2	0.005
Benzo(a)anthracene	56-55-3	0.001
Benzo(b)fluoranthene	205-99-2	0.001
Benzo(k)fluoranthene	207-08-9	0.01
Benzoic acid	65-85-0	146.0
Benzo(a)pyrene	50-32-8	0.0002
Beryllium	7440-4-17	0 004
Bis(2-chloroethyl)ether	111-44-4	0.00077
Bis(2-ethylhexyl)phthalate	117-81-7	0.006
Bromodichloromethane	75-27-4	0.1
Bromoform (Tribromomethane)	75-25-2	0.1
Butanol	71-36-3	3.65
Butyl benzyl phthalate	85-68-7	7.3
Cadmium	7440-04-39	0.005
Carbazole	86-74-8	0.04
Carbon disulfide	75-15-0	3.65
Carbon tetrachloride	56-23-5	0.005
Chlordane	57-74-9	0.002
p-Chloroaniline	106-47-8	0.15
Chlorobenzene	108-90-7	0.1
Chlorodibromomethane	124-48-1	0.06
Chloroform	67-66-3	0.1
2-Chlorophenol	95-57-8	0.2
Chromium (Total)	7440-47-3	0.1
Chromium +3	16065-83-1	36.5
Chromium +6	18540-29-9	0.1
Chrysene	218-01-9	0.1
Copper	7440-05-08	1.3
Cyanide	57-12-5	0.2
DDD	72-54-8	0.0036
DDE	72-55-9	0.0025
DDT	50-29-3	0.0025
Dibenzo(a,h)anthracene	53-70-3	0 0001
Di-n-butyl phthalate	84-74-2	3.65

TABLE C. GROUNDWATER CLEANUP LEVELS
(Carcinogenics in Bold Type)

Hazardous Substance	CAS Registry Number	Groundwater Cleanup Level (mg/L)
Nitrobenzene	98-95-3	0.018
n-Nitrosodiphenylamine	86-30-6	0.17
n-Nitrosodi-n-propylamine	621-64-7	0.0001
Pentachlorophenol	87-86-5	0.001
Phenol	108-95-2	22.0
Polychlorinated biphenyls (PCBs)	133-63-63	0.0005
Pyrene	129-00-0	1.1
Selenium	7782-49-2	0.05
Silver	7440-22-4	0.18
Styrene	100-42-5	0.1
1,1,2,2-Tetrachloroethane	79-34-5	0.004
Tetrachloroethylene	127-18-4	0.005
Thallium	7440280	0.002
Toluene	108-88-3	1.0
Toxaphene	8001-35-2	0.003
1,2,4-Trichlorobenzene	120-82-1	0.07
1,1,1-Trichloroethane	71-55-6	0.2
1,1,2-Trichloroethane	79-00-5	0.005
Trichloroethylene	79-01-6	0.005
2,4,5-Trichlorophenol	95-95-4	3.65
2,4,6-Trichlorophenol	88-06-2	0.077
Vanadium	7440-06-22	0.26
Vinyl acetate	108-05-4	36.5
Vinyl chloride (Chloroethene)	75-01-4	0.002
Xylenes (total)	1330-20-7	10.0
Zinc	7440-66-6	11.0
Petroleum Hydrocarbons		
GRO - C_6 - C_{10} (AK 101)		1.3*
DRO - C_{10} - C_{25} (AK 102)		1.5
RRO - C_{25} - C_{36}		1.1
C_6 - C_{10} - Aliphatics		1.3*
C_6 - C_{10} - Aromatics		7.3
C_{10} - C_{25} - Aliphatics		0.1*
C_{10} - C_{25} - Aromatics		1.5
C_{25} - C_{36} – Aliphatics		N/A (insoluble)
C_{25} - C_{36} - Aromatics		1.1

*Standards based on estimated solubility

(2) a concentration equal to 10 times the cleanup levels in Table C, based on a determination of groundwater use made under 18 AAC 75.350 in consultation with each site landowner, the public, and appropriate government officials if

(d) If a responsible person uses method two for petroleum hydrocarbons under 18 AAC 75.340, the soil leanup levels must be based on Table B2 in this subsection

TAB

Appendix C

QA/QC Report

Appendix C
QA/QC ANALYTICAL DATA REVIEW

Groundwater, surface water, soil, sediment and field duplicates were collected on October 13th and 14th, 1999 and were submitted to CT&E to be analyzed for the following parameters:

- Benzene/Toluene/Ethylene/Xylene by Method 8260B (Soil) and 8021B (Water)
- Diesel Range Organics/Residual Range Organics by Method AK 102/103
- Gasoline Range Organics by Method AK 101
- Inductive Coupled Plasma Metals by Method SW6010
- Polychlorinated Biphenyl by Method SW8082
- Semi-Volatile Organic Carbons by Method 8270
- Volatile Organic Carbons by Method 8260B
- Alkalinity by Method 310.1
- Nitrate and Sulfate by Method 300
- Total Iron by Method SW6010

A Quality Control (QC) review was conducted on the analytical data and validated for the following items:

- Cooler Temperatures
- Holding Times
- Method Blanks
- Trip Blanks
- Surrogate Recoveries
- Matrix Spike
- Laboratory Control Sample
- Continuing Calibration Verification

- Field Duplicates

C.1 **Sample Handling**

The following samples were not analyzed due to laboratory oversight:

- SS15GW22 location WW02 GRO/BTEX.
- SS15GW73 location WW07 SVOCs
- SS15GW83 location WW08 SVOCs
- SS13GW13 location MW-1 SVOCs
- SS13GW23 location MW-2 SVOCs
- SS13SW13 location SW-1 SVOCs
- SS13SW23 location SW-2 SVOCs
- SS13SW33 location SW-3 SVOCs
- SS13GW for GRO and BTEX were received at 6.9^0 C and qualified as an estimate (J) due to the elevated temperature. Nitrate holding time of 48 hours was not possible for SS13GW and is qualified as estimate (J).

C.2 **Method Blanks and Trip Blanks**

- All method blanks were free of target analyte, and analyzed at the proper frequency of 1 per 20 samples.
- Trip blanks were free of target analyte.

C.3 **Surrogate Recoveries**

Surrogate recoveries were within acceptable ranges with the following exceptions:

- SS13 soils and sediments were qualified as estimates (J) for DRO/RRO VOCs, and GRO.
- LF03 sediments were qualified as estimate (J) for VOCs, GRO and PCB.
- LF03 surface water is qualified as estimate (J) for SVOCs.

C.4 **Matrix Spike**

There were no matrix spikes analyzed for this project.

C.5 **Laboratory Control Sample (LCS) Laboratory Control Sample Duplicates (LCSD)**

Sample results for pyridine were estimate valued (J) and pentachlorophenol were rejected (R) because they are 10% less than the acceptance limits set by the National Functional Guidelines.

- SS13 locations 13SD11, 13SO31, 13SD61, 13SO71, 13SO81 for pyridine and pentachlorophenol..
- LF03 locations LFSD11, LFSD21, LFSD31 for pyridine and pentachlorophenol.

C.6 **Continuing Calibration Verification**

Results for bromomethane are estimate (J) since continuing calibration results for bromomethane are outside method criteria for the following sample.

- Site SS13 SO32.

Chloroethane results are rejected (R) due to failed continuing calibration results for the following samples.

- Site SS13: locations SO32.
- Site LF03 locations SD12, SD22, SD32, SD33.

C.7 **Field Duplicates**

The field samples and their respective duplicates were free of target analyte except:

- LF03SD32 and LF03SD33 for GRO. The RPD was 3.4% and the field precision was deemed acceptable.

C.8 **Completeness**

Completeness was 100% for surface and groundwater. Completeness for soil and sediment was 71%, due to the 12 rejected values of chlorethane and pentachlorophenol.

C.9 **Overall Case Assessment**

Eight samples were not analyzed, due to laboratory oversight. All method and trip blanks were free of target analyte. Three groundwater samples for site SS13 arrived at the laboratory at 6.9^{0}C. Eleven sediment and soil samples for GRO, VOAs, and DRO/RRO at site SS13 had surrogate recoveries out of range and were estimate (J). One surface water sample at site SS15 had a surrogate recovery out of range and was an estimate (J). Five sediment samples for VOCs, GRO and PCB had surrogate recoveries out of range and were estimates (J). Pyridine values are estimates (J) for five sediment and soil samples from site SS13, and three sediment samples from site LF03. Pentachlorophenol values are rejected (R) for five sediment and soil samples from site SS13 and three sediment samples from site LF03. Bromomethane is an estimate (J) for

one soil sample at site SS13. Chloroethane results are rejected (R) for three sediment samples at site LF03 and one soil sample at site SS13. See Table C-1: Summary of Qualified Data, below.

Table C-1: Summary of Qualified Data

Sample ID	Matrix	Compound	Qualifier
13GW12	water	GRO/BTEX	J/J
13GW22	water	GRO/BTEX	J/J
13GW26	water	GRO/BTEX	J/J
13GW14	water	Nitrate	J
13GW24	water	Nitrate	J
15SW	water	SVOC	J
13SD11	sediment	pyridine/pentachlorophenol	J/R
13SD12	sediment	VOC	J
13SD61	sediment	pyridine/pentachlorophenol	J/R
13SD62	sediment	VOC	J
13SO31	soil	pyridine/pentachlorophenol	J/R
13SO32	soil	VOC/GRO	J/J
13SO32	soil	bromomethane/chloroethane	J/R
13SO71	soil	DRO/RRO	J
13SO71	soil	pyridine/pentachlorophenol	J/R
13SO72	soil	VOC/GRO	J/J
13SO81	soil	DRO/RRO	J/J
13SO81	soil	pyridine/pentachlorophenol	J/R
13SO82	soil	VOC/GRO	J/J
13SO83	soil	VOC	J
LFSD11	sediment	pyridine/pentachlorophenol	J/R
LFSD12	sediment	VOC/GRO/chloroethane	J/J/R
LFSD21	sediment	pyridine/pentachlorophenol	J/R
LFSD22	sediment	VOC/GRO/chloroethane	J/J/R
LFSD31	sediment	pyridine/pentachlorophenol	J/R
LFSD32	sediment	VOC/chloroethane	J/R
LFSD33	sediment	VOC/chloroethane	J/R
LFSD21	sediment	PCB	J

J Estimate
R Rejected

TAB

Appendix D

Ground Water Sampling
Logsheets
Chain of Custody Forms

GROUNDWATER SAMPLING DATA

92 135

Project Name and No.: Cape Romanzoff
Sampled By: D. Deruse
Date: 10-13-99
Well No: LF03 CMW-4
Well Type: Monitoring Well
Well Material: Polyvinyl Chloride

WELL PURGING

PURGE VOLUME

Well Volume. [(10.3 (TD) - 4.6 (WL)) x (2 (d))^2] x 0.0408 = 0.93 gallons

Number of Well Volumes to be Purged (# vols.). 3 Purge Volume: 3 (# vols.) x 0.93 (well volume) = 2.79 gallons

PURGE METHOD

Pump Type: ____ Submersible ____ Centrifugal ____ Diaphragm
____ Other - Type. ____
Bailer - Type: ~~Not applicable~~ PTFE

PURGE INTAKE

Depth (feet BTOC). Not applicable
Screen Interval (feet BTOC): From ____ To ____

PURGE TIME

Total Elapsed Time: Not applicable minutes

PURGE RATE

Initial ____ gpm
Final. ____ gpm
Ave. Not applicable gpm

ACTUAL PURGE VOLUME

~~Not applicable, well dry~~ gallons

PID = 0.3

FIELD PARAMETER MEASUREMENT

Date:	10-13-99	10-13-99	10-13-99							
Time:	1130	11:36	11:40							
Purge Volume: (gallons)	~1	~1	~1							
Temperature: (^{o}Celsius)	3	3	3							
pH.	4.7	7.0	7.1							
Field Conductivity: (ms/cm)	0.14	0.15	0.15							
Turbidity: (NTU)	15	69	—							
Dissolved Oxygen: (mg/L)	4.10	3.4	7.3							
REDOX: (mV)	92	81	65							

Observations: Fuel Odor None Fuel Sheen None Other ____
Water Level after Purging (feet BTOC) Dry
How Purge Water was Disposed of: Not applicable, well dry

WELL SAMPLING

SAMPLING METHOD

____ Same as Purge Method
____ Other ____

SAMPLING INFORMATION

Date: Not applicable Time: Not applicable
Laboratory. Not applicable

SAMPLING DISTRIBUTION

Sample No.	Sample Type: Project	QA	QC				PCB/Pest 808		Metals			AK101	AK102	
No samples collected														

BTOC = Below top of casing
D = Diameter of boring (inches)
d = Diameter of well casing (inches)

gpm = Gallons per minute
ms/cm = Millisiemens per centimeter.
NTU = Nephelometric turbidity units

TD = Total depth of casing (feet BTOC).
WL = Water level depth (feet (BTOC).

W0453R/Approved By: ____

GROUNDWATER SAMPLING DATA

92 136

Project Name and No : Cape Romanzoff LF03 Well No CMW-5
Sampled By Dennis Well Type Monitoring Well
Date: 10-13-99 Well Material Polyvinyl Chloride

WELL PURGING

PURGE VOLUME

Well Volume. [10.3 (TD) - 4.7 (WL)] x (2 (d))^2] x 0.0408 = 0.9 gallons

Number of Well Volumes to be Purged (# vols.): 3 Purge Volume. 3 (# vols) x .9 (well volume) = 2.7 gallons

PURGE METHOD

Pump Type: ____ Submersible ____ Centrifugal ____ Diaphragm
____ Other - Type: ____
Bailer - Type: ~~Not applicable~~ PTFE

PURGE INTAKE

Depth (feet BTOC): Not applicable
Screen Interval (feet BTOC). From ____ To ____

PURGE TIME

Total Elapsed Time: Not applicable minutes

PURGE RATE

Initial ____ gpm
Final. ____ gpm
Ave. Not applicable gpm

ACTUAL PURGE VOLUME

~~Not applicable, well dry~~ gallons

PID = 0.10

FIELD PARAMETER MEASUREMENT

Date:										
Time	10:22	10:24	10:28							
Purge Volume: (gallons)	~~2~~ 2	~1	~1							
Temperature: (°Celsius)	2	2	2							
pH:	7.4	8.6	8.3							
Field Conductivity: (ms/cm)	0.06	0.07	0.07							
Turbidity: (NTU)	21	17	15							
Dissolved Oxygen: (mg/L)	6.8	3.1	12.0							
REDOX: (mV)	42	65	51							

Observations. Fuel Odor None Fuel Sheen None Other ____
Water Level after Purging (feet BTOC): Dry
How Purge Water was Disposed of Not applicable, well dry

WELL SAMPLING

SAMPLING METHOD

____ Same as Purge Method
____ Other ____

SAMPLING INFORMATION

Date: Not applicable Time: Not applicable
Laboratory. Not applicable

SAMPLING DISTRIBUTION

Sample No	Sample Type: Project	QA	QC	Analyses Requested			PCB/Pest 808		Metals			AK101	AK102	
No samples collected														

BTOC = Below top of casing
D = Diameter of boring (inches).
d = Diameter of well casing (inches)

gpm = Gallons per minute
ms/cm = Millisiemens per centimeter
NTU = Nephelometric turbidity units.

TD = Total depth of casing (feet BTOC).
WL = Water level depth (feet (BTOC).

W0453R/Approved By: ____

GROUNDWATER SAMPLING DATA

Project Name and No : Cape Romanzof
Sampled By. [signature]
Date: 10-13-99

Well No. LF03 CMW-6
Well Type: Monitoring Well
Well Material: Polyvinyl Chloride

WELL PURGING

PURGE VOLUME

Well Volume. [15 (TD) - 9 (WL)] x (2 (d))^2 x 0 0408 = 0.97 gallons

Number of Well Volumes to be Purged (# vols) 3 Purge Volume 3 (# vols) x 0.97 (well volume) = 2.91 gallons

PURGE METHOD

Pump Type: ____ Submersible ____ Centrifugal ____ Diaphragm
____ Other - Type: ____
Bailer - Type: ~~Not applicable~~ PTFE

PURGE INTAKE

Depth (feet BTOC): Not applicable
Screen Interval (feet BTOC). From ____ To ____

PURGE TIME

Total Elapsed Time Not applicable minutes

PURGE RATE

Initial ____ gpm
Final: ____ gpm
Ave: Not applicable gpm

ACTUAL PURGE VOLUME

~~Not applicable, well dry~~ gallons

PID = 0.9

FIELD PARAMETER MEASUREMENT

Date.	10-13-99	10-13-99	10-13-99							
Time:	12:00	12:05	12:10							
Purge Volume: (gallons)	~1	~1	~1							
Temperature: (°Celsius)	2	2	2							
pH:	9.2	10.1	8.7							
Field Conductivity: (ms/cm)	0.04	0.03	0.03							
Turbidity: (NTU)	—	—	—							
Dissolved Oxygen: (mg/L)	12.7	11.8	11.9							
REDOX: (mV)	47	46	52							

Observations: Fuel Odor None Fuel Sheen None Other ____
Water Level after Purging (feet BTOC): Dry
How Purge Water was Disposed of: Not applicable, well dry

WELL SAMPLING

SAMPLING METHOD

____ Same as Purge Method
____ Other ____

SAMPLING INFORMATION

Date. Not applicable Time Not applicable
Laboratory. Not applicable

SAMPLING DISTRIBUTION

	Sample Type			Analyses Requested										
Sample No.	Project	QA	QC			[illegible]	PCB/Pest 808	[illegible]	Metals	[illegible]	[illegible]	AK101	AK102	
No samples collected														

BTOC = Below top of casing.
D = Diameter of boring (inches).
d = Diameter of well casing (inches)
gpm = Gallons per minute
ms/cm = Millisiemens per centimeter.
NTU = Nephelometric turbidity units.
TD = Total depth of casing (feet BTOC).
WL = Water level depth (feet (BTOC)

W0453R/Approved By: ____

GROUNDWATER SAMPLING DATA

Project Name and No: Cape Romanzoff
Sampled By: Bennett
Date: 10-13-99
Well No. LF03 CMW-7
Well Type: Monitoring Well
Well Material: Polyvinyl Chloride

WELL PURGING

PURGE VOLUME

Well Volume. [(14.1 (TD) - 9.3 (WL)) x (2 (d))²] x 0.0408 = 0.78 gallons

Number of Well Volumes to be Purged (# vols.) 3 Purge Volume 3 (# vols) x 0.78 (well volume) = 2.34 gallons

PURGE METHOD

Pump Type: ____ Submersible ____ Centrifugal ____ Diaphragm
____ Other - Type. ____
Bailer - Type: ~~Not applicable~~ PTFE

PURGE INTAKE

Depth (feet BTOC) Not applicable
Screen Interval (feet BTOC). From ____ To ____

PURGE TIME

Total Elapsed Time: Not applicable minutes

PURGE RATE

Initial. ____ gpm
Final. ____ gpm
Ave. Not applicable gpm

ACTUAL PURGE VOLUME

~~Not applicable- Well dry~~ gallons

PID = 0.8

FIELD PARAMETER MEASUREMENT

Date:	10-13-99	10-13-99	10-13-99							
Time:	12:40	12:43	12:45							
Purge Volume: (gallons)	2.7	2.7	2.7							
Temperature. (°Celsius)	2	1	2							
pH:	6.7	9.0	10.1							
Field Conductivity: (ms/cm)	0.06	0.06	0.06							
Turbidity: (NTU)	8.0	8.9	11.4							
Dissolved Oxygen: (mg/L)	—									
REDOX: (mV)	80	88	94							

Observations: Fuel Odor None Fuel Sheen None Other ____
Water Level after Purging (feet BTOC): Dry
How Purge Water was Disposed of: Not applicable, well dry

WELL SAMPLING

SAMPLING METHOD

____ Same as Purge Method
____ Other ____

SAMPLING INFORMATION

Date: Not applicable Time. Not applicable
Laboratory. Not applicable

SAMPLING DISTRIBUTION

	Sample Type			Analyses Requested										
Sample No.	Project	QA	QC			[illegible]	PCB/Pest 808	[illegible]	Metals	[illegible]	[illegible]	AK101	AK102	
No samples collected														

~~BTOC~~ = Below top of casing
D = Diameter of boring (inches)
d = Diameter of well casing (inches)

gpm = Gallons per minute
ms/cm = Millisiemens per centimeter
NTU = Nephelometric turbidity units

TD = Total depth of casing (feet BTOC).
WL = Water level depth (feet (BTOC).

W0453R/Approved By: ____

GROUNDWATER SAMPLING DATA

92 139

Project Name and No: Cape Romanzoff
Sampled By: Denise Smith
Date: 10-13-99
Well No.: LF03 MW-1
Well Type: Monitoring Well
Well Material: Polyvinyl Chloride

WELL PURGING

PURGE VOLUME

Well Volume: [___ (TD) - ___ (WL)] x (___ (d))^2] x 0.0408 = ___ gallons

Number of Well Volumes to be Purged (# vols.) ___ Purge Volume. ___ (# vols) x ___ (well volume) = ___ gallons

PURGE METHOD

Pump Type: ___ Submersible ___ Centrifugal ___ Diaphragm
___ Other - Type. ___
Bailer - Type: Not applicable

PURGE INTAKE

Depth (feet BTOC): Not applicable
Screen Interval (feet BTOC). From ___ To ___

PURGE TIME

Total Elapsed Time: Not applicable minutes

PURGE RATE

Initial. ___ gpm
Final: ___ gpm
Ave: Not applicable gpm

ACTUAL PURGE VOLUME

Not applicable, well dry gallons

FIELD PARAMETER MEASUREMENT

Date.										
Time										
Purge Volume: (gallons)										
Temperature: (^{0}Celsius)										
pH:										
Field Conductivity (ms/cm)										
Turbidity: (NTU)										
Dissolved Oxygen: (mg/L)										
REDOX: (mV)										

Frost heave could not open well

Observations: Fuel Odor None Fuel Sheen None Other ___
Water Level after Purging (feet BTOC). Dry
How Purge Water was Disposed of: Not applicable, well dry

WELL SAMPLING

SAMPLING METHOD

___ Same as Purge Method
___ Other ___

SAMPLING INFORMATION

Date: Not applicable Time. Not applicable
Laboratory. Not applicable

SAMPLING DISTRIBUTION

	Sample Type			Analyses Requested										
Sample No.	Project	QA	QC				PCB/Pest 808		Metals			AK101	AK102	
No samples collected														

BTOC = Below top of casing
D = Diameter of boring (inches)
d = Diameter of well casing (inches)
gpm = Gallons per minute.
ms/cm = Millisiemens per centimeter.
NTU = Nephelometric turbidity units
TD = Total depth of casing (feet BTOC).
WL = Water level depth (feet (BTOC)

W0453R/Approved By: ___

GROUNDWATER SAMPLING DATA

Project Name and No. Cape Romanzoff
Sampled By Denise C.
Date 10-13-99
Well No SS13-MW01
Well Type Monitoring Well
Well Material Polyvinyl Chloride

WELL PURGING

PURGE VOLUME
Well Volume: [26.5 (TD) - 11.5 (WL) = 15.0] x (2 (d))^2] x 0.0408 = 2.45 gallons
Number of Well Volumes to be Purged (# vols.). 3 Purge Volume. 3 (# vols) x 2.45 (well volume) = 7.34 gallons

PURGE METHOD
Pump Type: _____ Submersible _____ Centrifugal _____ Diaphragm
_____ Other - Type: _____
Bailer - Type: ~~Not applicable~~ PTFE

PURGE INTAKE
Depth (feet BTOC). Not applicable
Screen Interval (feet BTOC): From ___ To ___

PURGE TIME
Total Elapsed Time Not applicable minutes

PURGE RATE
Initial. _____ gpm
Final. _____ gpm
Ave: Not applicable gpm

ACTUAL PURGE VOLUME
~~Not applicable, well dry~~ gallons

FIELD PARAMETER MEASUREMENT

Date:	10-13-99	10-13-99	10-13-99							
Time:	1:48	1:55	2:00							
Purge Volume: (gallons)	2.45	2.45	2.45							
Temperature: (°Celsius)	4.0	2.0	2.0							
pH.	9.9	8.7	8.7							
Field Conductivity: (ms/cm)	0.14	0.12	0.10							
Turbidity: (NTU)	83	74	42							
Dissolved Oxygen. (mg/L)	5.2	10.5	6.9							
REDOX: (mV)	118	88	69							

Observations: Fuel Odor None Fuel Sheen None Other _____
Water Level after Purging (feet BTOC): ~~Dry~~
How Purge Water was Disposed of: ~~Not applicable, well dry~~ carbon filter

WELL SAMPLING

SAMPLING METHOD
_____ Same as Purge Method
_____ Other _____

SAMPLING INFORMATION
Date: Not applicable Time. Not applicable
Laboratory. Not applicable

SAMPLING DISTRIBUTION

	Sample Type			Analyses Requested										
Sample No.	Project	QA	QC			[illegible]	PCB/Pest 808	[illegible]	Metals	[illegible]	[illegible]	AK101	AK102	
No samples collected														

BTOC = Below top of casing
D = Diameter of boring (inches)
d = Diameter of well casing (inches)
gpm = Gallons per minute.
ms/cm = Millisiemens per centimeter.
NTU = Nephelometric turbidity units
TD = Total depth of casing (feet BTOC).
WL = Water level depth (feet (BTOC).

W0453R/Approved By: _____

GROUNDWATER SAMPLING DATA

92 141

Project Name and No: Cape Romanzoff
Sampled By: Denwe Sand
Date: 10-13-99

Well No: SS13 - MW02
Well Type: Monitoring Well
Well Material: Polyvinyl Chloride

WELL PURGING

PURGE VOLUME

Well Volume: [19.8 (TD) - 3.6 (WL)] =16.2 x (2 (d))²] x 0.0408 = 2.64 gallons

Number of Well Volumes to be Purged (# vols.): 3

Purge Volume: 3 (# vols.) x 2.64 (well volume) = 7.92 gallons

PURGE METHOD

Pump Type: ____ Submersible ____ Centrifugal ____ Diaphragm ____ Other - Type: ____

Bailer - Type: ~~Not applicable~~ PTFE

PURGE INTAKE

Depth (feet BTOC): Not applicable

Screen Interval (feet BTOC): From ____ To ____

PURGE TIME

Total Elapsed Time: Not applicable minutes

PURGE RATE

Initial: ____ gpm
Final: ____ gpm
Ave: Not applicable gpm

ACTUAL PURGE VOLUME

~~Not applicable, well dry~~ gallons

PID = 1.0

FIELD PARAMETER MEASUREMENT

Date:	10/13	10/13	10/13								
Time:	2:20	2:33	2:38								
Purge Volume: (gallons)	2.64	2.64	2.64								
Temperature: (°Celsius)	1.0	2.0	1.0								
pH:	9.0	8.6	8.5								
Field Conductivity: (ms/cm)	0.04	0.03	0.03								
Turbidity: (NTU)	N/A	N/A	N/A								
Dissolved Oxygen: (mg/L)	11.4	12.9	11.9								
REDOX: (mV)	90	130	142								

Observations: Fuel Odor: None Fuel Sheen: None Other: ____

Water Level after Purging (feet BTOC): ~~Dry~~

How Purge Water was Disposed of: ~~Not applicable, well dry~~ carbon filter

WELL SAMPLING

SAMPLING METHOD

____ Same as Purge Method
____ Other ____

SAMPLING INFORMATION

Date: Not applicable Time: Not applicable

Laboratory: Not applicable

SAMPLING DISTRIBUTION

Sample No.	Sample Type: Project	QA	QC	Analyses Requested		( )	PCB/Pest 808	( )	Metals	( )	( )	AK101	AK102	
No samples collected														

BTOC = Below top of casing
D = Diameter of boring (inches).
d = Diameter of well casing (inches)

gpm = Gallons per minute.
ms/cm = Millisiemens per centimeter
NTU = Nephelometric turbidity units.

TD = Total depth of casing (feet BTOC).
WL = Water level depth (feet (BTOC).

W0453R/Approved By: ____

GROUNDWATER SAMPLING DATA

92 142

Project Name and No: Cape Romanzoff — Well No: SSIS-WW07
Sampled By: [illegible] — Well Type: Monitoring Well
Date: 10-13-99 — Well Material: Polyvinyl Chloride

WELL PURGING

PURGE VOLUME

Well Volume. [27.82 (TD) − 18.97 (WL)] x (2 (d))² x 0.0408 = 2.9 gallons

Number of Well Volumes to be Purged (# vols.). 3 — Purge Volume: 3 (# vols) x 2.9 (well volume) = 8.7 gallons

PURGE METHOD

Pump Type. ____ Submersible ____ Centrifugal ____ Diaphragm
____ Other - Type. ____
Bailer - Type: ~~Not applicable~~ plastic disposable

PURGE INTAKE

Depth (feet BTOC): Not applicable
Screen Interval (feet BTOC). From ____ To ____

PURGE TIME

Total Elapsed Time: Not applicable minutes

PURGE RATE

Initial. ____ gpm
Final. ____ gpm
Ave Not applicable gpm

ACTUAL PURGE VOLUME

~~Not applicable, well dry~~ gallons

PID - 0.1

FIELD PARAMETER MEASUREMENT

Date:	~~10-12~~	10-13	10-13								
Time:	0935	1035	1055								
Purge Volume: (gallons)	2.9	2.9	[illegible]								
Temperature: (°Celsius)	3.2	[illegible]	[illegible]								
pH:	11.11	[illegible]	11.6								
Field Conductivity: (ms/cm)	.107	0.07[illegible]	[illegible]								
Turbidity: (NTU)	[illegible]	[illegible]	—								
Dissolved Oxygen: (mg/L)	12.97	11.8[illegible]	11.[illegible]								
REDOX: (mV)	234	[illegible]	[illegible]								

Observations: Fuel Odor None Fuel Sheen None Other ____
Water Level after Purging (feet BTOC): Dry
How Purge Water was Disposed of: Not applicable, well dry

WELL SAMPLING

SAMPLING METHOD

____ Same as Purge Method
____ Other ____

SAMPLING INFORMATION

Date Not applicable Time: Not applicable
Laboratory. Not applicable

SAMPLING DISTRIBUTION

	Sample Type			Analyses Requested										
Sample No	Project	QA	QC				PCB/Pest 808		Metals			AK101	AK102	
No samples collected														

BTOC = Below top of casing
D = Diameter of boring (inches)
d = Diameter of well casing (inches)

gpm = Gallons per minute.
ms/cm = Millisiemens per centimeter.
NTU = Nephelometric turbidity units

TD = Total depth of casing (feet BTOC).
WL = Water level depth (feet (BTOC)

W0453R/Approved By: ____

007

GROUNDWATER SAMPLING DATA

Project Name and No.: Cape Romanzof

Sampled By: Denise [signature]

Date: 10-13-99

Well No.: SS15-WW08

Well Type: Monitoring Well

Well Material: Polyvinyl Chloride

WELL PURGING

PURGE VOLUME

Well Volume: [~~77~~ 25.5 / 24.5 (TD) − 10 (WL)] × (2 (d))² × 0.0408 = 2.5 gallons

Number of Well Volumes to be Purged (# vols): 3

Purge Volume: 3 (# vols) × 2.5 (well volume) = 7.5 gallons

PURGE METHOD

Pump Type: ____ Submersible ____ Centrifugal ____ Diaphragm

____ Other - Type: ____

Bailer - Type: ~~Not applicable~~ PTFE

PURGE INTAKE

Depth (feet BTOC): Not applicable

Screen Interval (feet BTOC): From ___ To ___

PURGE TIME

Total Elapsed Time: Not applicable minutes

PURGE RATE

Initial: ____ gpm

Final: ____ gpm

Ave: Not applicable gpm

ACTUAL PURGE VOLUME

~~Not applicable, well dry~~ gallons

PID - 0.4

FIELD PARAMETER MEASUREMENT

Date:	~~10-13~~	10-13	10-13	[illegible]							
Time:	~~9:32~~	9:32a	10:10	10:25							
Purge Volume: (gallons)		2.5	[illegible]								
Temperature: (°Celsius)		[illegible]	1.9	[illegible]							
pH:		[illegible]	7.6	[illegible]							
Field Conductivity: (ms/cm)		[illegible]	[illegible]	.060							
Turbidity: (NTU)				[illegible]							
Dissolved Oxygen: (mg/L)		11.0	11.9								
REDOX: (mV)		82	108	141							

Observations: Fuel Odor None Fuel Sheen None Other ____

Water Level after Purging (feet BTOC): Dry

How Purge Water was Disposed of: Not applicable, well dry

WELL SAMPLING

SAMPLING METHOD

____ Same as Purge Method

____ Other ____

SAMPLING INFORMATION

Date: Not applicable Time: Not applicable

Laboratory: Not applicable

SAMPLING DISTRIBUTION

Sample No.	Sample Type: Project	QA	QC	Analyses Requested		( )	PCB/Pest 808	( )	Metals	( )	( )	AK101	AK102	
No samples collected														

BTOC = Below top of casing
D = Diameter of boring (inches)
d = Diameter of well casing (inches).

gpm = Gallons per minute.
ms/cm = Millisiemens per centimeter.
NTU = Nephelometric turbidity units.

TD = Total depth of casing (feet BTOC).
WL = Water level depth (feet (BTOC).

W0453R/Approved By: ____

GROUNDWATER SAMPLING DATA

Project Name and No : Cape Romanzof/ [illegible]
Sampled By. [illegible]
Date 10-12-99

Well No SS15 WW02
Well Type Monitoring Well
Well Material Polyvinyl Chloride

WELL PURGING

PURGE VOLUME

Well Volume: [64.5 (50.5) (TD) - 41.5 ft (WL)] x (4 (d))^2] x 0.0408 = 5.87 gallons

Number of Well Volumes to be Purged (# vols.) 2 Purge Volume. 5.87 (# vols) x 2 (well volume) = 11.75 gallons

PURGE METHOD

Pump Type: ___ Submersible ___ Centrifugal ___ Diaphragm
___ Other - Type: ___
Bailer - Type: PTFE

PURGE INTAKE

Depth (feet BTOC) Not applicable
Screen Interval (feet BTOC) From ___ To ___

PURGE TIME

Total Elapsed Time Not applicable minutes

PURGE RATE

Initial. ___ gpm
Final. ___ gpm
Ave: Not applicable gpm

ACTUAL PURGE VOLUME

Not applicable, well dry gallons

PID = 0.0

FIELD PARAMETER MEASUREMENT

Date.	10-12-99	[illegible]	[illegible]	10-[illegible]						
Time:	6:30pm	[illegible]	[illegible]	10 [illegible]						
Purge Volume: (gallons)	3.9	[illegible]	[illegible]							
Temperature: (°Celsius)	2.0	[illegible]	[illegible]2							
pH:	8.41	[illegible]	[illegible]	[illegible]						
Field Conductivity: (ms/cm)	[illegible]	[illegible]	[illegible]	[illegible]						
Turbidity. (NTU)	[illegible]	32	57	[illegible]						
Dissolved Oxygen: (mg/L)	3.26	2	[illegible]	[illegible]						
REDOX: (mV)	[illegible]	[illegible]		[illegible]						

Observations: Fuel Odor None Fuel Sheen None Other ___
Water Level after Purging (feet BTOC): Dry
How Purge Water was Disposed of Not applicable, well dry

WELL SAMPLING

SAMPLING METHOD

___ Same as Purge Method
___ Other ___

SAMPLING INFORMATION

Date. Not applicable Time: Not applicable
Laboratory. Not applicable

SAMPLING DISTRIBUTION

	Sample Type			Analyses Requested										
Sample No.	Project	QA	QC		[illegible]	[illegible]	PCB/Pest 808	[illegible]	Metals	[illegible]	[illegible]	AK101	AK102	
No samples collected														

BTOC = Below top of casing
D = Diameter of boring (inches)
d = Diameter of well casing (inches)
gpm = Gallons per minute.
ms/cm = Millisiemens per centimeter
NTU = Nephelometric turbidity units
TD = Total depth of casing (feet BTOC)
WL = Water level depth (feet (BTOC).

W0453R/Approved By: ___

GROUNDWATER SAMPLING DATA

92 145

Project Name and No: Cape Romanzof
Sampled By: Dennis
Date: 10-13-99
Well No: LF03 CMW-1
Well Type: Monitoring Well
Well Material: Polyvinyl Chloride

WELL PURGING

PURGE VOLUME

Well Volume: [10.3 (TD) − 3.7 (WL)] x (2 (d))^2] x 0.0408 = 1.007 gallons

Number of Well Volumes to be Purged (# vols): 3 Purge Volume 3 (# vols) x 1.007 (well volume) = 3.021 gallons

PURGE METHOD

Pump Type: ____ Submersible ____ Centrifugal ____ Diaphragm
____ Other - Type. ____
Bailer - Type: ~~Not applicable~~ PTFE

PURGE INTAKE

Depth (feet BTOC) Not applicable
Screen Interval (feet BTOC). From ____ To ____

PURGE TIME

Total Elapsed Time Not applicable minutes
PID = 0.0

PURGE RATE

Initial ____ gpm
Final. ____ gpm
Ave Not applicable gpm

ACTUAL PURGE VOLUME

~~Not applicable, well dry~~ gallons

FIELD PARAMETER MEASUREMENT

Date:	10-13-99	10-13-99	10-13-99							
Time:	9:40	9:45	9:48							
Purge Volume: (gallons)	1.0	1.0	1.0							
Temperature: (°Celsius)	5.0	4.0	3.0							
pH.	12.4	10.9	10.1							
Field Conductivity: (ms/cm)	0.02	0.02	0.02							
Turbidity: (NTU)										
Dissolved Oxygen: (mg/L)	12.8	12.6	12.7							
REDOX: (mV)	36	75	87							

Observations: Fuel Odor None Fuel Sheen None Other ____
Water Level after Purging (feet BTOC): Dry
How Purge Water was Disposed of: Not applicable, well dry

WELL SAMPLING

SAMPLING METHOD

____ Same as Purge Method
____ Other ____

SAMPLING INFORMATION

Date. Not applicable Time. Not applicable
Laboratory. Not applicable

SAMPLING DISTRIBUTION

	Sample Type			Analyses Requested										
Sample No.	Project	QA	QC				PCB/Pest 808			Metals			AK101	AK102	
No samples collected															

BTOC = Below top of casing
D = Diameter of boring (inches)
d = Diameter of well casing (inches)
gpm = Gallons per minute.
ms/cm = Millisiemens per centimeter.
NTU = Nephelometric turbidity units
TD = Total depth of casing (feet BTOC).
WL = Water level depth (feet (BTOC).

W0453R/Approved By: ____

GROUNDWATER SAMPLING DATA

Project Name and No: Cape Romanzoff
Sampled By: Denise S.
Date: 10-13-99
Well No: LF03 CMW-2
Well Type: Monitoring Well
Well Material: Polyvinyl Chloride

WELL PURGING

PURGE VOLUME
Well Volume. [(9.7 (TD) - 8.6 (WL)) x (2 (d))^2] x 0.0408 = 0.18 gallons
Number of Well Volumes to be Purged (# vols.). 3 Purge Volume: 1 (# vols) x .18 (well volume) = .18 gallons

PURGE METHOD
Pump Type: ____ Submersible ____ Centrifugal ____ Diaphragm
____ Other - Type. ____
Bailer - Type: ~~Not applicable~~ PTFE

PURGE INTAKE
Depth (feet BTOC). Not applicable
Screen Interval (feet BTOC): From ____ To ____

PURGE TIME
Total Elapsed Time: Not applicable minutes

PURGE RATE
Initial ____ gpm
Final ____ gpm
Ave Not applicable gpm

ACTUAL PURGE VOLUME DRY
~~Not applicable, well dry~~ gallons

PID = 3.4

FIELD PARAMETER MEASUREMENT

Date:	10-13-99									
Time:	10:00									
Purge Volume: (gallons)	.20									
Temperature: (°Celsius)	3.0									
pH:	9.8									
Field Conductivity: (ms/cm)	0.17									
Turbidity. (NTU)	52									
Dissolved Oxygen: (mg/L)	5.9									
REDOX: (mV)	65									

DRY not enough to collect Samples

Observations: Fuel Odor None Fuel Sheen None Other ____
Water Level after Purging (feet BTOC): Dry
How Purge Water was Disposed of: Not applicable, well dry

WELL SAMPLING

SAMPLING METHOD
____ Same as Purge Method
____ Other ____

SAMPLING INFORMATION
Date: Not applicable Time: Not applicable
Laboratory: Not applicable

SAMPLING DISTRIBUTION

Sample No.	Sample Type: Project	QA	QC				PCB/Pest 808		Metals			AK101	AK102	
No samples collected														

BTOC = Below top of casing
D = Diameter of boring (inches).
d = Diameter of well casing (inches)
gpm = Gallons per minute.
ms/cm = Millisiemens per centimeter.
NTU = Nephelometric turbidity units
TD = Total depth of casing (feet BTOC).
WL = Water level depth (feet (BTOC).

W0453R/Approved By: ____

GROUNDWATER SAMPLING DATA

Project Name and No: Cape Romanzoff
Sampled By: Dennis S.
Date: 10-13-99

Well No: CMW-3 LF03
Well Type: Monitoring Well
Well Material: Polyvinyl Chloride

WELL PURGING

PURGE VOLUME

Well Volume: [9.7 (TD) - 7.6 (WL)] x (2 (d))² x 0.0408 = 0.34 gallons

Number of Well Volumes to be Purged (# vols): 3 Purge Volume 3 (# vols) x 0.34 (well volume) = 1.02 gallons

PURGE METHOD

Pump Type: ____ Submersible ____ Centrifugal ____ Diaphragm

____ Other - Type. ________

Bailer - Type: ~~Not applicable~~ PTFE

PURGE INTAKE

Depth (feet BTOC): Not applicable

Screen Interval (feet BTOC): From ___ To ___

PURGE TIME

Total Elapsed Time. Not applicable minutes

PURGE RATE

Initial. ________ gpm

Final: ________ gpm

Ave: Not applicable gpm

ACTUAL PURGE VOLUME

~~Not applicable, well dry~~ gallons

PID = 0.3

FIELD PARAMETER MEASUREMENT

Date.	10-13-99	10-13-99	10-13-99							
Time:	10:50	11:15	11:21							
Purge Volume: (gallons)	~1	~1	~1							
Temperature: (°Celsius)	3	3	3							
pH:	8.8	7.4	8.2							
Field Conductivity: (ms/cm)	0.03	0.03	0.04							
Turbidity: (NTU)	—	—								
Dissolved Oxygen: (mg/L)	11.4	6.3	9.9							
REDOX: (mV)	47	75	77							

Observations: Fuel Odor None Fuel Sheen None Other ________

Water Level after Purging (feet BTOC). Dry

How Purge Water was Disposed of: Not applicable, well dry

WELL SAMPLING

SAMPLING METHOD

____ Same as Purge Method

____ Other ________

SAMPLING INFORMATION

Date: Not applicable Time: Not applicable

Laboratory: Not applicable

SAMPLING DISTRIBUTION

	Sample Type			Analyses Requested									
Sample No.	Project	QA	QC				PCB/Pest 808		Metals			AK101	AK102
No samples collected													

BTOC = Below top of casing
D = Diameter of boring (inches)
d = Diameter of well casing (inches)
gpm = Gallons per minute.
ms/cm = Millisiemens per centimeter.
NTU = Nephelometric turbidity units.
TD = Total depth of casing (feet BTOC)
WL = Water level depth (feet (BTOC)

W0453R/Approved By: ____

GROUNDWATER SAMPLING DATA

AF03 92 148

Project Name and No: Cape Romanzoff
Sampled By: 10-14-99 Denise Exon
Well No: Surface H_2O SW-1, SW-3
Well Type: Monitoring Well
Well Material: Polyvinyl Chloride

WELL PURGING

PURGE VOLUME

Well Volume. [(TD) - (WL)] x ((d))^2 x 0.0408 = gallons

Number of Well Volumes to be Purged (# vols) Purge Volume (# vols) x (well volume) = gallons

PURGE METHOD

Pump Type. Submersible Centrifugal Diaphragm
Other - Type
Bailer - Type: Not applicable

PURGE INTAKE

Depth (feet BTOC) Not applicable
Screen Interval (feet BTOC) From To

PURGE TIME

Total Elapsed Time Not applicable minutes

PURGE RATE

Initial gpm
Final gpm
Ave. Not applicable gpm

ACTUAL PURGE VOLUME

Not applicable, well dry gallons

PID = 0.0

FIELD PARAMETER MEASUREMENT

Date	10-14-99	10-14-99								
Time	240	220								
~~Purge Volume (gallons)~~	SW-1	SW-3	SW-2							
Temperature (°Celsius)	2	2								
pH	8.6	10.3								
Field Conductivity (ms/cm)	0.02	0.02								
Turbidity (NTU)	0	0								
Dissolved Oxygen (mg/L)	13.4	13.4								
REDOX (mV)	106	84								

Observations: Fuel Odor None Fuel Sheen None Other
Water Level after Purging (feet BTOC) Dry
How Purge Water was Disposed of Not applicable, well dry

WELL SAMPLING

SAMPLING METHOD

Same as Purge Method
Other

SAMPLING INFORMATION

Date Not applicable Time. Not applicable
Laboratory Not applicable

SAMPLING DISTRIBUTION

	Sample Type			Analyses Requested										
Sample No	Project	QA	QC				PCB/Pest 808		Metals			AK101	AK102	
No samples collected														

BTOC = Below top of casing
D = Diameter of boring (inches)
d = Diameter of well casing (inches)
gpm = Gallons per minute
ms/cm = Millisiemens per centimeter
NTU = Nephelometric turbidity units
TD = Total depth of casing (feet BTOC)
WL = Water level depth (feet (BTOC)

W0453R/Approved By.

SS13 92 149

GROUNDWATER SAMPLING DATA

Project Name and No.: Cape Romanzoff

Sampled By: Denise [illegible]

Date: 10-13-99

~~Well No.~~: Surface H_2O #1, 2, 3

Well Type: Monitoring Well

Well Material: Polyvinyl Chloride

WELL PURGING

PURGE VOLUME

Well Volume: [____ (TD) - ____ (WL)] x (____ (d) $)^2$] x 0.0408 = ____ gallons

Number of Well Volumes to be Purged (# vols.): ____ Purge Volume: ____ (# vols) x ____ (well volume) = ____ gallons

PURGE METHOD

Pump Type: ____ Submersible ____ Centrifugal ____ Diaphragm

____ Other - Type. ____

Bailer - Type. Not applicable

PURGE INTAKE

Depth (feet BTOC). Not applicable

Screen Interval (feet BTOC): From ____ To ____

PURGE TIME

Total Elapsed Time: Not applicable minutes

PURGE RATE

Initial: ____ gpm

Final: ____ gpm

Ave: Not applicable gpm

ACTUAL PURGE VOLUME

Not applicable, well dry gallons

FIELD PARAMETER MEASUREMENT

Date	10-13-99	10-13-99	10-13-99							
Time	705	715	720							
~~Purge Volume (gallons)~~ Site	SW03	SW02	SW01							
Temperature: (°Celsius)	1	1	1							
pH	10.3	10.0	7.2							
Field Conductivity: (ms/cm)	0.02	0.02	0.02							
Turbidity: (NTU)	0	0	0							
Dissolved Oxygen: (mg/L)	13.2	12.7	12.7							
REDOX: (mV)	142	170	146							

Observations: Fuel Odor None Fuel Sheen None Other ____

Water Level after Purging (feet BTOC): Dry

How Purge Water was Disposed of: Not applicable, well dry

WELL SAMPLING

SAMPLING METHOD

____ Same as Purge Method

____ Other ____

SAMPLING INFORMATION

Date: Not applicable Time: Not applicable

Laboratory: Not applicable

SAMPLING DISTRIBUTION

	Sample Type			Analyses Requested										
Sample No	Project	QA	QC			[illegible]	PCB/Pest 808	[illegible]	Metals	[illegible]	[illegible]	AK101	AK102	
No samples collected														

BTOC = Below top of casing
D = Diameter of boring (inches)
d = Diameter of well casing (inches)
gpm = Gallons per minute.
ms/cm = Millisiemens per centimeter.
NTU = Nephelometric turbidity units
TD = Total depth of casing (feet BTOC)
WL = Water level depth (feet (BTOC).

W0453R/Approved By: ____

Locations Nationwide

CHAIN OF CUSTODY RECORD

CT&E Environmental Services Inc.
Laboratory Division

CMW-4-S   LF03 Gd H2C   995692

CT&E Reference: PAGE 1 OF 1

①			
CLIENT	CES 611		
CONTACT:	Ronan	PHONE NO ( )	5226103
PROJECT	LTM	SITE.	Cape Romanzof
REPORTS TO	Ronan	FAX NO. ( )	5221350
INVOICE TO	BNCI	P.O. NUMBER.	11711 S. Gambell

② / ③

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	SW8270C (Sem; HCL)	8082 (PCB; X)	AK 102 (DRO; HCl)	SW6010B (HNO3)						REMARKS
6	99CRLFGWC 53	10-14-99	1030	H2O	2	G	✓									
7	99CRLFGWC 55	↓	↓	↓	2	↓		✓								
8	99CRLFGWC 41	↓	1145	↓	2	↓			✓							
9	99CRLFGWC 46	↓	↓	↓	1	↓				✓						
10	99CRLFGWC 56	↓	1230	↓	1	↓				✓						

Preservatives Used: HCL, X, HCl, HNO3

⑤

Collected/Relinquished By: (1)	Date	Time	Received By:
[signature]	10-14-99	3:55pm	
Relinquished By: (2)	**Date**	**Time**	**Received By:**
Relinquished By: (3)	**Date**	**Time**	**Received By:**
Relinquished By: (4)	**Date**	**Time**	**Received For Laboratory By:**
	10-15-99	1520	[signature]

④

Shipping Carrier: HC
Shipping Ticket No:

Samples Received Cold? (Circle) (YES) NO
Temperature °C: 1.6°C

Data Deliverables Required: Level I (Level II) Level III

Chain of Custody Seal: (Circle) (INTACT) X2 BROKEN ABSENT

Requested Turnaround Time and Special Instructions:
5 day

CHAIN OF CUSTODY RECORD

CT&E Environmental Services Inc. miss data SulfheO 995692
Laboratory Division 5513

(1) CLIENT: 611 CES
CONTACT: Chuck Ronan PHONE NO: ( ) 5226103
PROJECT: LTM SITE: Cape Romanzof
REPORTS TO: ↑ FAX NO: ( ) 522 3150
INVOICE TO: BNCTE P.O. NUMBER: 11711 S. Gambell

CT&E Reference: PAGE 1 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE 99	TIME	MATRIX	No. CONTAINERS	SAMPLE TYPE C-COMP G-GRAB	Preservatives Used: HCL HCL HCL HCL X	(3) Analyses Required: AK102/AK103	AK101	8021B	SW8270C	EP300	REMARKS
(11)	99CR13SW11	10-13	725 pm	hzO	2	G		✓					
(12)	99CR13SW12		"		2				✓	✓			
(13)	99CR13SW13		"		2						✓		
(14)	99CR13SW14		"		1							✓✓	
(15)	99CR13SW21		715 pm		2			✓					
(16)	99CR13SW22				1				✓	✓			
(17)	99CR13SW23				2						✓		
(18)	99CR13SW24				1							✓	
(19)	99CR13SW25	↓	↓		2				✓	✓			

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
Denise Sm	10-14-99	4p	
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:
	10-15-99	1600	Sara Powell

(4)

Shipping Carrier:
Shipping Ticket No: He
Samples Received Cold? (Circle) YES NO
Temperature °C: 2.0°C
Data Deliverables Required
Level I (Level II) Level III
Chain of Custody Seal: (Circle)
(INTACT) x2 BROKEN ABSENT
Requested Turnaround Time and Special Instructions:
5 day

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3150 Peger Road Fairbanks, AK 99701 Tel: (907) 474-9666 Fax: (907) 474-9685

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler
0-720

92 151 T-006 P 18/25 F-666 5615301 FROM-CTE ENVIRONMENTAL OCT-15-99 17:51

92 152
T-006 P 10/25 F-666
5615301
OCT-15-99 17:52 FROM-CTE ENVIRONMENTAL

CHAIN OF CUSTODY RECORD

Locations No: YII
- Alaska
- California
- Colorado
- Maryland
- Michigan
- New Jersey
- Ohio
- West Virginia

#692

CT&E Environmental Services Inc.
Laboratory Divisi n

miss data

5513 Surface H2O

CT&E Reference:

PAGE 2 OF 2

(1) CLIENT: 611 CES
CONTACT: Chuck Ronau PHONE NO: ( ) 5226103
PROJECT: LTM SITE: Cape Romanzof
REPORTS TO:
FAX NO: ( ) 522 3150
INVOICE TO: BPCI P.O. NUMBER: 11711 S. Gambell

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	Preservative Used	HCL	HCL	HCL	HCL	X	REMARKS
	Analysis Required (3)							AK102/AK103	AK101	8021B	SW8270C	EP300	
(20)	99CR13SW31	10/13/99	7:00 pm	Blue	2	G		✓					
(21)	99CR13SW32				2			✓	✓				
(22)	99CR13SW33				2					✓			
(23)	99CR13SW34				1						✓		

(4) Shipping Carrier: HC
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature °C: 2.0 °C
Data Deliverables Required
Level I Level II Level III
Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT
Requested Turnaround Time and Special Instructions:
5 day

(5)

	Date	Time	
Collected/Relinquished By: (1)	10-14-99	4:00 pm	Received By:
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date 10-15-99	Time 1600	Received For Laboratory By:

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3150 Peger Road Fairbanks, AK 99701 Tel: (907) 474-9855 Fax: (907) 474-9685

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler

0-720

CHAIN OF CUSTODY RECORD

LF sed 995676 IV

CT&E Environmental Services Inc.
Laboratory Division

(1) CLIENT: 611 IR CES
CONTACT: Chuck Bonjan PHONE NO: ( ) 522 6103
PROJECT: LTM SITE: Cape Romanzof
REPORTS TO: Chuck T FAX NO: ( ) 522 3150
INVOICE TO: BNCI P.O. NUMBER: 11711 S. Gambell

CT&E Reference:

PAGE 1 OF 2

(2)

LAB NO	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. CONTAINERS	SAMPLE TYPE C-COMP G-GRAB
(13)	99CRLFSD11	10-14-99	245	Soil	1	G
(14)	99CRLFSD21		300		1	
(16)	99CRLFSD31		230		1	
(16)	99CRLFSD12		245		1	
(17)	99CRLFSD22		300		1	
(18)	99CRLFSD32		230		1	
(19)	99CRLFSD33		200		1	

(3) Analysis Required

Preservative Used	HCL	HCL	X	X	Methanol	Methanol				
	AK 102	SW8270C	8021B	SW6010B	AK101	SW8260B				REMARKS
	✓	✓	✓	✓						
	✓	✓	✓	✓						
	✓	✓	✓	✓						
					✓	✓				
					✓	✓				
					✓	✓				
					✓	✓				

(5)

	Date	Time	
Collected/Relinquished By: (1) Dennis	10-14-99	345	Received By:
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date 10-15-99	Time 0930	Received For Laboratory By: Lisa Stowell

(4)

Shipping Carrier: HC
Shipping Ticket No:
Data Deliverables Required
Level I (Level II) Level III

Samples Received Cold? (Circle) YES NO
Temperature °C: 1.3°C
Chain of Custody Seal: (Circle)
(INTACT) x2 BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

5 day

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-9666 Fax: (907) 474-9685

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler

0 720

CHAIN OF CUSTODY RECORD

LF 99567
SWhzl

CT&E Environmental Services Inc.
Laboratory Division

CT&E Reference:

PAGE 2 OF 2

(1) CLIENT: 611 II CES
CONTACT: Chuck Roman PHONE NO: ( ) 522 6503
PROJECT: LTM SITE: Cape Romanzof
REPORTS TO: ↑ FAX NO: ( ) 5223150
INVOICE TO: BNCI P.O NUMBER: 11711 S. Gambell

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C=COMP G=GRAB
(21)	99CRLFSW11	10-14-99	240	H2O	2	G
(22)	99CRLFSW13				2	
(23)	99CR LFSW15				2	
(24)	99CRLFSW16			H2O	1	
	~~99CRLFSW21~~		X		~~2~~	
	~~99CRLFSW23~~		X		~~2~~	
(25)	99CRLFSW25		X		2	
(26)	99CRLFSW26		X		1	

(3) Preservative Used / Analysis Required

REMARKS	AK102	SW8270C	8082	SW6010B
	✓			
		✓		
			✓	
two 1 L bottle				✓
two 1 L "	✓			
two 1 L "		✓		
1 cubie			✓	

(4) Shipping Carrier: HC
Shipping Ticket No:
Data Deliverables Required: Level I (Level II) Level III
Samples Received Cold? (Circle) YES NO
Temperature °C: 1.3°C
Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT
Requested Turnaround Time and Special Instructions:
5 day
SW 11, 23, 25, 26 empty

(5)

	Date	Time	
Collected/Relinquished By: (1) Dave Sayl	10-14-99	375	Received By:
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date 10-15-99	Time 0930	Received For Laboratory By: Brad Hazell

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-9666 Fax: (907) 474-9685

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler

0-720

OCT-15-99 17:45 FROM-CTE ENVIRONMENTAL 5615301 T-006 P 05/25 F-666 92 154

155 92

CHAIN OF CUS. ODY RECORD

SS13

995678

sed + soil

CT&E Environmental Services Inc.
Laboratory Division

CT&E Reference:

PAGE 1 OF 2

(1) CLIENT: 611 & CES

CONTACT: Chuck Roman PHONE NO ( ) 5226103

PROJECT: LTM SITE: Cape Romanzof

REPORTS TO: ↑ FAX NO ( ) 5223150

INVOICE TO: BNCI P.O. NUMBER: 1711 S. Gambell

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. CONTAINERS	SAMPLE TYPE C-COMP G-GRAB	(3) Preservation Used	Analysis Required: AK102/AK103	Analysis Required: SW8270C SIM	REMARKS
1	99CR13SD11	10/3/99	342	Soil	1	G	✓	✓		
2	99CR13SO331		345		1		✓	✓		✓
3	99CR13SD61		400		1		✓	✓		
4	99CR13SO71		315		1		✓	✓		✓
5	99CR13SO81	↓	325	↓	1	↓	✓	✓		✓

(5)

	Date	Time	
Collected/Relinquished By: (1) Denise Seyl	10/4/99	4p	Received By:
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date 10-5-99	Time 0930	Received For Laboratory By: Matt Howell

(4)

Shipping Carrier: HC

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature °C: 2.0°C

Data Deliverables Required

Level I (Level II) Level III

Chain of Custody Seal: (Circle)

(INTACT) x2 BROKEN ABSENT

Requested Turnaround Time and Special Instructions.

5 day

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-9696 Fax: (907) 474-9695

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler

0-720

92 156

CHAIN OF CUS. ODY RECORD

Ss13 995678

Sed + Soil

CT&E Environmental S rvices Inc.
Laboratory Division

① CLIENT:	611 II CES
CONTACT: Chuck Ronan	PHONE NO. ( ) 5226103
PROJECT: LTM	SITE: Cape Romanzof
REPORTS TO: ↑	FAX NO: ( ) 5223150
INVOICE TO: BNCI	P.O NUMBER: 11711 S. Gambell

CT&E Reference:

PAGE 2 OF 2

③ Preservative Used / Analysis Required: AK101, BTEX 8260B

② LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME (Pm)	MATRIX	No CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	AK101	BTEX 8260B								REMARKS
6	99CR13SD12	10-13-99	3:42	Soil	1	G	✓	✓								✓
7	99CR13SO32	↓	3:05	↓	1	↓	✓	✓								
8	99CR13SD62	↓	4:00	↓	1	↓	✓	✓								✓
9	99CR13SO72	↓	3:15	↓	1	↓	✓	✓								✓
10	99CR13SO82	↓	3:25	↓	1	↓	✓	✓								✓
11	99CR13SO83	↓	↓	↓	1	↓	✓	✓								

⑤	Date	Time	Received By:
Collected/Relinquished By: (1) [signature]	10-14-99	4 pm	
Relinquished By: (2)			Received By:
Relinquished By: (3)			Received By:
Relinquished By: (4)	10-15-99	0930	Received For Laboratory By: [signature]

④ Shipping Carrier: HC
Shipping Ticket No:
Data Deliverables Required: Level I (Level II) Level III
Requested Turnaround Time and Special Instructions: 5 day

Samples Received Cold? (Circle) YES NO
Temperature °C: 2.0°C
Chain of Custody Seal: (Circle) (INTACT) x2 BROKEN ABSENT

CHAIN OF CUSTODY RECORD

CT&E Environmental Service Inc.
Laboratory Division

SS15 Gdh2C

995686

CT&E Reference:

PAGE 1 OF 1

(1) CLIENT: 611th CES
CONTACT: Chuck Roman PHONE NO: ( ) 5226103
PROJECT: LTM SITE: Cape Romanzof
REPORTS TO: ↑ FAX NO: ( ) 522 3150
INVOICE TO: BNCI P.O. NUMBER: 11711 S. Gambell

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. CONTAINERS	SAMPLE TYPE C=COMP G=GRAB
22	99CR15GW21	10-13-99	1140	h2O	2	G
23	99CR15GW23		11		2	
24	99CR15GW71		1100		2	
25	99CR15GW24		1143		1	
26	99CR15GW25		1140		1	
27	99CR15GW72		1100		2	
28	99CR15GW22		1143		2	
	? No bottles ?					

(3) Preservative Used: HCL | HCL | HNO3 | HCL | HCL | X | X

Analysis Required: AK102/AK103 | SW8270C | EP200.7 | AK101 | 8021B | EP310.1 | EP 300 | REMARKS

(4) Shipping Carrier: HC
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature °C: 2.3°C
Data Deliverables Required
Level I (Level II) Level III
Chain of Custody Seal: (Circle)
(INTACT) x2 BROKEN ABSENT
Requested Turnaround Time and Special Instructions:
5 day

(5)

	Date	Time	
Collected/Relinquished By: (1)	10-14-99	356	Received By:
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date 10-15-99	Time 1325	Received For Laboratory By:

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-9666 Fax: (907) 474-9685

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler

0-720

92 157 T-006 P 14/25 F-666 5615301 FROM-CTE ENVIRONMENTAL 17:49 OCT-15-99

TV

92 158 T-006 P 09/25 F-666 5615301 FROM-CTE ENVIRONMENTAL OCT-15-99 17:47

Locations Nati VI

CHAIN OF CUSTODY RECORD 5515 GdhO 995684

CT&E Environmental Service Inc.
Laboratory Division

(1) CLIENT: 611 II CES
CONTACT: Chuck Roman PHONE NO: ( ) 5226103
PROJECT: LTM SITE: Cape Romanzof
REPORTS TO: ↑ FAX NO. ( ) 5223150
INVOICE TO: BNCI P.O. NUMBER: 11711 S. Gambell

CT&E Reference:

PAGE 1 OF 1

(2) LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	Preservatives Used	HCL	HCL	X	X	HNO_3	HCL	HCL			REMARKS
							(3) Analysis Required	SW8270C	AK102/103	EP310.1	EP300	EP200.7	AK101	8021B			
(11)	99 CR 15GW 73	10/13/99	11⁻	H_2O	2	G		✓									✓
(12)	99 CR 15GW 81		10³⁰		2				✓								
(13)	99 CR 15GW 83		10³⁰		2			✓									
(14)	99 CR 15GW 74M		11⁻		1					✓	✓						
(15)	99 CR 15GW 75		11⁻		1							✓					
(16)	99 CR 15GW 84		10³⁰		1					✓	✓						
(17)	99 CR 15GW 85		10³⁰		1							✓					
(18)	99 CR 15 GW 82		10³⁰		2								✓	✓			
(19)	99 CR 15 GW 86		10³⁰		2								✓	✓			
(20)	99 CR 15 GW 76		11⁰⁰	↓	2	↓							✓	✓			

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
[signature]	10/14/99	4 PM	
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:
	10-15-99	1230	[signature]

(4)

Shipping Carrier: HC
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature °C: 0.8°C
Data Deliverables Required
Level I (Level II) Level III
Chain of Custody Seal: (Circle)
(INTACT) x2 BROKEN ABSENT
Requested Turnaround Time and Special Instructions:

5 day

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-9666 Fax: (907) 474-9685

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler

0-720

92 159

CHAIN OF CUS DY RECORD

SS13 GdH2O 99568 VIII

CT&E Environmental Servi es In .
Laboratory Division

CLIENT	611th CES
CONTACT:	Chuck Ronan
PHONE NO:	( ) 5226103
PROJECT:	LTM
SITE	Cape Romanzof
REPORTS TO:	↑
FAX NO:	( ) 5223150
INVOICE TO:	BNCI
P.O. NUMBER:	

CT&E Reference:

PAGE 1 OF 2

Preservatives Used: X | X | HNO3

Analysis Required: EP310.1 | EP300 | EP200.7

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME (pm)	MATRIX	No. CONTAINERS	SAMPLE TYPE (C = COMP, G = GRAB)	EP310.1	EP300	EP200.7	REMARKS
1	99CR13GW14 ✓	10-13-99	2:10	H2O	1	G	✓	✓		
2	99CR13GW24 ✓	↓	2:40	↓	1	↓	✓	✓		
3	99CR13GW15 ✓	↓	2:10	↓	1	↓			✓	
4	99CR13GW25 ✓	↓	2:40	↓	1	↓			✓	

Relinquished	Date	Time	Received
Collected/Relinquished By: (1) [signature]	10-14-99	4p	Received By:
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	10-15-99	1325	Received For Laboratory By: [signature]

Shipping Carrier:
Shipping Ticket No: HC
Samples Received Cold? (Circle) YES NO
Temperature °C: 6.9°C
Data Deliverables Required: Level I **Level II** (circled) Level III
Chain of Custody Seal: (Circle) **INTACT** (circled) XZ BROKEN ABSENT
Requested Turnaround Time and Special Instructions:
5day

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-8656 Fax: (907) 474-9685

White - Retained by Lab (Project File) Yellow - Returned with Report Pink Retained by Sampler
0-720

92 160

VIII

CHAIN OF CUSTODY RECORD

995686

CT&E Environmental Services Inc.
Laboratory Division

No data

SS13 GdH2C

1. CLIENT: Coll II CES
CONTACT: Chuck Roman PHONE NO: ( ) 522 8103
PROJECT: LTM SITE: Cape Romanzof
REPORTS TO: ↑ FAX NO: ( ) 522 3150
INVOICE TO: BNCI P.O. NUMBER: 11711 S. Gambell

CT&E Reference:

PAGE 2 OF 2

Preservative Used: HCl, HCl, HCl, HCl

3. Analysis Required: SW8270 semi vol; AK102/AK103; AK101; 8021B

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME (pm)	MATRIX	No. CONTAINERS	SAMPLE TYPE (C = COMP, G = GRAB)	SW8270 semi vol	AK102/AK103	AK101	8021B	REMARKS
5	99CR13GW13	10-8-99	2:10	H2O	2	G	✓				
6	99CR13GW23 ✓	↓	2:40	↓	2	↓	✓				
7	99CR13GW11 ✓	↓	2:10	↓	2	↓		✓			
8	99CR13GW21 ✓	↓	2:40	↓	2	↓		✓			
9	99CR13GW26 ✓	↓	2:40	↓	2	↓			✓	✓	
10	99CR13GW12 ✓	↓	2:10	↓	2	↓			✓	✓	
11	99CR13GW22 ✓	↓	2:40	↓	2	↓			✓	✓	

5.

	Date	Time	
Collected/Relinquished By: (1) Denise [signature]	10-14-99	4p	Received By:
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	10-15-99	1325	Received For Laboratory By: [signature]

4. Shipping Carrier: HC
Shipping Ticket No:
Data Deliverables Required: Level I (Level II) Level III
Samples Received Cold? (Circle) YES NO
Temperature °C: 6.9°C
Chain of Custody Seal: (Circle) (INTACT) x2 BROKEN ABSENT
Requested Turnaround Time and Special Instructions: 5 day

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-8656 Fax: (907) 474-9685

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler

0-720

trip

161

CHAIN OF CUSTODY RECORD

LF03
Gd H2C

995666

CT&E Environmental Services Inc.
Laboratory Division

(1) CLIENT: 611 CES
CONTACT: Chuck Ronan PHONE NO: ( ) 5226103
PROJECT: LTM SITE: Cape Romanzof
REPORTS TO: ↑ FAX NO: ( ) 522 3150
INVOICE TO: BNCI P.O. NUMBER: 11711 S. Gambell

CT&E Reference:

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. CONTAINERS	SAMPLE TYPE C=COMP G=GRAB
(12)	99CRLFGWC62	10-14-99	1200	H2O	2	G
(13)	99CRLFGWC75		1245		2	
(14)	99CRLFGWC78		1245		2	
(15)	99CRLFGWC71		1245		2	
(16)	99CRLFGWC61		1200		2	
(17)	99CRLFGWC65		1200		2	
(18)	99CRLFGWC67		1200		1	
(19)	99CRLFGWC77		1245			
(20)	99CRLFGWC76		1245			
(21)	99CRLFGWC66	↓	1200			

Preservative Used: HCl X HCl X H2O3

(3) Analysis Required: 8270C, 8082, AK102, AK EP310.1, TCP SW6010B

REMARKS

(4)
Shipping Carrier: HC
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature °C: 2.3°C
Data Deliverables Required
Level I (Level II) Level III
Chain of Custody Seal: (Circle)
INTACT x2 BROKEN ABSENT
Requested Turnaround Time and Special Instructions:
5 day

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
Denise Syl	10-14-99	3:40 pm	
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:
	10-15-99	1325	Lara Howell

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3150 Peger Road Fairbanks, AK 99701 Tel: (907) 474-9666 Fax: (907) 474-9685

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler

0-720

T-006 P 13/25 F-666 5615301 FROM-CTE ENVIRONMENTAL OCT-15-99 17:48

92 162

CHAIN OF CUST JDY RECORD

CT&E Environm ntal Services Inc.
Laboratory Division

Locations Nationwid.

TL

LF03
Sur h2O

995697

① CLIENT: CES GIF(?)	CT&E Reference:
CONTACT Chuck Ronan PHONE NO: ( ) 5226103	PAGE 1 OF 1
PROJECT: LTM SITE: Cape Romanzof	
REPORTS TO: Chuck Ronan FAX NO: ( ) 522 3150	
INVOICE TO: BNCI 11711 S. Gambell P.O. NUMBER:	

② ③

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	AK102 (HCL)	AK101 (HCL)	SW8270C (HCL)	8082 (X)	SW6010B (HNO3)	SW8260B (HCL)				REMARKS
1	99CRLFSW 31 ✓	10-14-99	2:40	H2O	2	G	✓									
2	99 CR LFSW 33 ✓	↓	2:40	↓	2	↓			✓							
3	99 CR LFSW 35 ✓		2:40		2					✓						
4	99 CR LFSW 36 ✓		2:40		1						✓					
5	99 CR LF SW 12		2:40		2			✓								
6	99 CR LF SW 14		2:40		2							✓				
7	99 CR LF SW 22		3:00		2			✓								
8	99CRLFSW 24		3:00		2							✓				
9	99CR LF SW 27	↓	3:00	↓	2	↓		✓								

⑤

	Date	Time	
Collected/Relinquished By: (1) Deupe [signature]	10-14-99	3:47 p	Received By:
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	10-15-99	1635	Received For Laboratory By: Sara Howell

④

Shipping Carrier: HC
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature °C. 2.0°C
Data Deliverables Required: Level I **(Level II)** Level III
Chain of Custody Seal: (Circle) **(INTACT)** BROKEN ABSENT
Requested Turnaround Time and Special Instructions: 5 day

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-8656 Fax: (907) 474-9685

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler

0-720

92 163

CHAIN OF CUSTODY RECORD

LF GdH2C

995684

Locations Nation

CT&E Environmental Services Inc.
Laboratory Division

(1)
CLIENT: 611th CES
CONTACT: Chuck Ronan PHONE NO: ( ) 5226103
PROJECT: LTM SITE: Cape Romanzof
REPORTS TO: ↑ FAX NO: ( ) 5223150
INVOICE TO: BNCI P.O. NUMBER: 11711 S. Gambell

CT&E Reference:

PAGE 1 OF 1

(2) (3)

LAB NO.	SAMPLE IDENTIFICATION	DATE 99	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	AK102 (HCl)	SW8270C (HCl)	8082 (X)	EP310.1 (X)	SW6010B (HNO3)	EP200.7 (HNO3)	REMARKS
—	~~99CRLF GW11~~	10-14	X	H2O	2	G	✓						
—	~~99CRLF GW13~~	↓	X	↓	2	↓		✓					
—	~~99CRLF GW15~~		X		2				✓				
—	~~99CRLF GW17~~		X		1					✓			
(6)	99CRLF GWC11		945		2		✓						
(7)	99CRLF GWC13				2			✓					
(8)	99CRLF GWC15				2				✓				
(9)	99CRLF GWC16				1						✓	✓	
(10)	99CRLF GWC17		↓	↓	1	↓				✓			
—	~~99CRLF GW16~~	↓	X	↓	1	↓					✓	✓	

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
Denise [signature]	10-14-99	350 p	
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date 10-15-99	Time 1230	Received For Laboratory By: Tara Howell

(4)
Shipping Carrier: HC
Shipping Ticket No:
Data Deliverables Required: Level I (Level II — circled) Level III
Samples Received Cold? (Circle) YES NO
Temperature °C: 6.0°C
Chain of Custody Seal: (Circle) (INTACT — circled) x2 BROKEN ABSENT
Requested Turnaround Time and Special Instructions:
5 day * GW 11, 13, 15, 17, 16 all mt

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-8656 Fax: (907) 474-9685

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler
0-720

CHAIN OF CUSTODY RECORD

LF03
GdmD

Locations Nationwide · Alaska · Michigan

XT.

995684

CT&E Environmental Services Inc.
Laboratory Division

CT&E Reference:

(1) CLIENT: BLM CES
CONTACT: Chuck Roman PHONE NO: ( ) 5226103
PROJECT: LTM SITE: Cape Romanzof
REPORTS TO: ↑ FAX NO: ( ) 5223150
INVOICE TO: BIOCI PO NUMBER: 11711 S. Gambell

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. CONTAINERS	SAMPLE TYPE C-COMP G-GRAB
—	99CR LFGWC21	10-14-99	X	H2O	2	G
—	99CR LFGWC23		X		2	
—	99CR LFGWC25		X		2	
—	99CR LFGWC26		X		1	
—	99CR LFGWC27		X		1	
(1)	99CR LFGWC31		1100		2	
(2)	99CR LFGWC33				2	
(3)	99CR LFGWC35				2	
(4)	99CR LFGWC36				1	
(5)	99CR LF GWC37	↓	↓	↓	1	↓

Preservatives Used: HCl | HCl | X | H_2SO_4 | HNO_3 | X
Analyses Required (3): AK102 | SW 8270C | 8082 | SW6010B | EP200.7 | EP 310.1

REMARKS

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
Denise Sym	10-14-99	350p	
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:
	10-15-99	1230	Tara Howell

(4)

Shipping Carrier: HC
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature °C: 2.1°C
Data Deliverables Required: Level I | (Level II) | Level III
Chain of Custody Seal: (Circle) (INTACT) x2 BROKEN ABSENT
Requested Turnaround Time and Special Instructions:
5 day — C21, 23, 25, 26, 27 x are empty

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-9696 Fax: (907) 474-9695

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler

0-720

92 165

T-006 P 22/25 F-666

5615301

FROM-CTE ENVIRONMENTAL

OCT-15-99 17:53

CHAIN OF CUSTODY RECORD

LF03 Surhzt + GWhzO

995697

CT&E Environmental Services Inc.
Laboratory Division

CT&E Reference:

PAGE 2 OF 4

(1) CLIENT: CES 611 12
CONTACT: Chuck Rodan PHONE NO ( ) 5226103
PROJECT: LTM SITE: Cape Romanzof
REPORTS TO: ↑ FAX NO ( ) 5223150
INVOICE TO: BNCI P.O NUMBER: 11711 S. Gambell

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C-COMP G-GRAB	Preservative Used	Analysis Required (3) AK101	SW8260B	REMARKS
(10)	99CRLFSW32	10-14-99	2:20	h2O	2	G	HCl	✓		
(11)	99CRLFSW34		2:20	↑	2	↓	HCl		✓	
(12)	99CRLFSW37		2:20	↑	2	↓	HCl	✓		
(13) No Sample	99CRLFGW12		X	H2O	2	↓	HCl	✓		
(14) No Sample	99CRLFGW14		X	↓	2	↓	HCl		✓	
(15)	99CRLFGWC12		9:45	↓	2	↓	HCl	✓		
(16)	99CRLFGWC14		9:45	↓	2	↓	HCl		✓	
(17) Sample	99CRLFGWC22		12:00	↓	2	↓	HCl	✓		

(5)

	Date	Time	
Collected/Relinquished By: (1) Renee Zuf	10-14-99	3:41 pm	Received By:
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date 10-15-99	Time 1055	Received For Laboratory By: Sarah Powell

(4)

Shipping Carrier: HC
Shipping Ticket No:
Data Deliverables Required: Level I (Level II) Level III
Samples Received Cold? (Circle) (YES) NO
Temperature °C: 2.0°C
Chain of Custody Seal: (Circle) INTACT x2 BROKEN ABSENT
Requested Turnaround Time and Special Instructions:
5 day
GW 12, 14 Empty
GWC 22

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-9666 Fax: (907) 474-9685

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler

0-720

92 166

CHAIN OF CUSTODY RECORD

LF03
Sachez C
GW

995697

CT&E Environmental Services Inc.
Laboratory Division

① CLIENT: CES 61172	CT&E Reference:
CONTACT: Chuck Roman	PHONE NO: 5226103
PROJECT: LTM	SITE: Cape Romanzof
REPORTS TO: ↑	FAX NO: 522 3150
INVOICE TO: BNCI	P.O. NUMBER: 11711 S. Gambell

PAGE 3 OF 4

② / ③ Preservatives Used: HCL, HCL — Analysis Required: SW8260B, AK101

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	SW8260B	AK101	REMARKS
19 No sample	99 CR LF GWC 24	10-14-99	[illegible]	H2O	2	G	✓		
19 No sample	99 CR LF GWC 28	↓	[illegible]	↓	2	↓		✓	
20	99 CR LF GWC 32	↓	11:00	↓	2	↓		✓	
21	99 CR LF GWC 34	↓	↓	↓	2	↓	✓		
22	99 CR LF GWC 38	↓	↓	↓	2	↓		✓	
23	99 CR LF GWC 42	↓	11:45	↓	2	↓		✓	
24	99 CR LF GWC 44	↓	↓	↓	2	↓	✓		
25	99 CR LF GWC 48	↓	↓	↓	2	↓		✓	

⑤	Date	Time	Received By:
Collected/Relinquished By: (1) Denise [signature]	10-14-99	3:47	
Relinquished By: (2)			
Relinquished By: (3)			
Relinquished By: (4)	10-15-99	1635	Received For Laboratory By: Tara D Howell

④ Shipping Carrier: HC
Shipping Ticket No:
Samples Received Cold? (Circle) (YES) NO
Temperature °C: 2.0°C
Data Deliverables Required: Level I (Level II) Level III
Chain of Custody Seal: (Circle) (INTACT) x2 BROKEN ABSENT
Requested Turnaround Time and Special Instructions: 5day
C24, C28 empty

92 167

CHAIN OF CUSTODY RECORD

LF03 ~~Soil~~ h2 GW

995697

CT&E Environmental Services Inc.
Laboratory Division

CT&E Reference:

PAGE 4 OF 4

① CLIENT: 611th CES

CONTACT: Chuck Ronan PHONE NO ( ) 5226103

PROJECT: LTM SITE: Cape Romanzof

REPORTS TO: ↑ FAX NO ( ) 522 3150

INVOICE TO: BNCI P.O. NUMBER: 11711 S. Gambell

②

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	③ AK101 (Preservative Used: HCL)	SW8260B (Preservative Used: HCL)	REMARKS
26	99CRLFGWC52	10-14-99	10^30	h2O	2	G	✓		
27	99CRLFGWC54	↓	↓	↓	2	↓		✓	
28	99CRLFGWC58	↓	↓	↓	2	↓	✓		
29	99CRLFGWC62	↓	12^00	↓	2	↓	✓		
30	99CRLFGWC64	↓	↓	↓	2	↓		✓	
31	99CRLFGWC68	↓	↓	↓	2	↓	✓		
32	99CRLFGWC72	↓	X	↓	2	↓	✓		
33	99CRLFGWC74	↓	X	↓	2	↓		✓	

⑤

	Date	Time	
Collected/Relinquished By: (1) [signature]	10-14-99	347	Received By:
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	10-15-99	1635	Received For Laboratory By: [signature]

④ Shipping Carrier:

Shipping Ticket No: HC

Samples Received Cold? (Circle) (YES) NO

Temperature °C: 2.0°C

Data Deliverables Required: Level I (Level II) Level III

Chain of Custody Seal: (Circle) (INTACT) x2 BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

5 day

~~WC 72 + 74~~

~~empty~~

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
3180 Peger Road Fairbanks, AK 99701 Tel: (907) 474-8656 Fax: (907) 474-9685

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler

0-720

TAB

Appendix E

Photographic Log

Appendix E
Photolog

Photo 1: MW-1 at Site SS13 looking north.

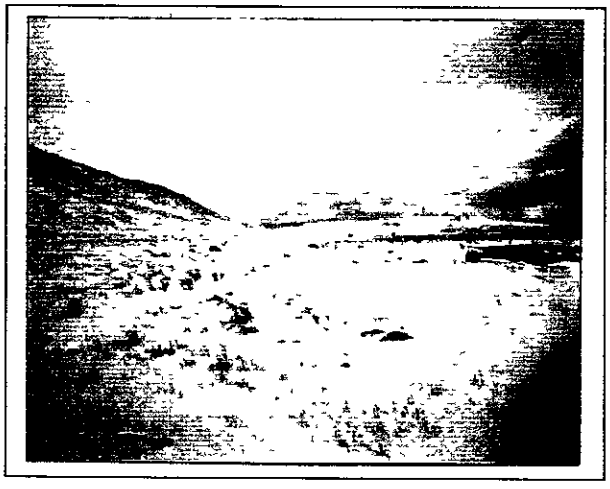

Photo 2: SS01 at Site SS13, looking north

Appendix E
Photolog

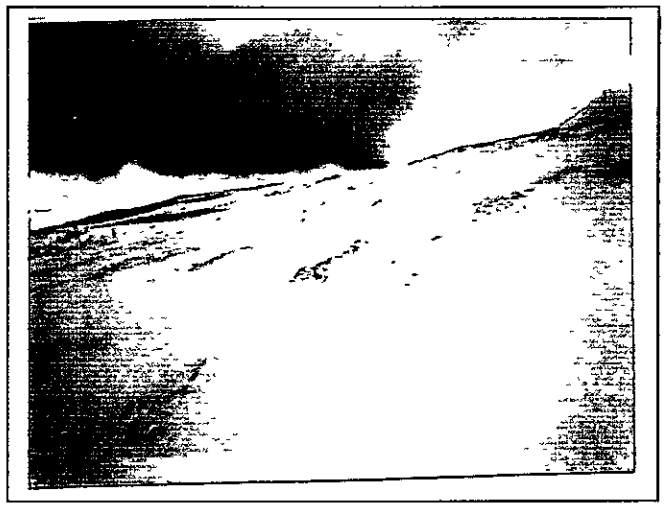

Photo 3: Landfill Cap at site LF03, looking north.

Photo 4: MW-1 at site LF03. MW-1 had frost heave damage and could not be sampled.

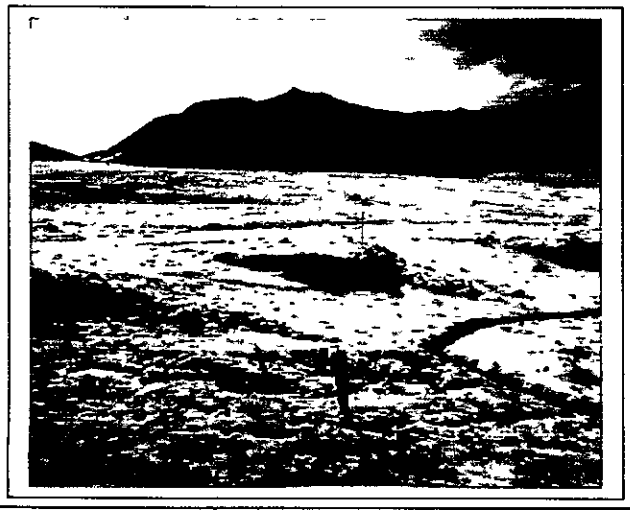

Photo 5: Site LF03 looking south at the creek and CMW-3.

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE