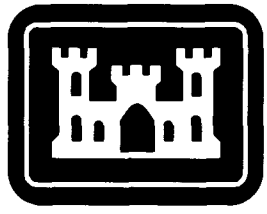

U.S. Army Corps of Engineers

New England District
Concord, Massachusetts

Final
Addendum to the Preliminary Site Investigation Report

DCN: NIKE-102401-AABO

24 October 2001

Former Loring AFB Defense Area
Nike Battery LO-58 Launch Area
Caribou, Maine

Contract No. DACA31-96-D-0006
Task Order No. 0018

01M-0007

WESTON
MANAGERS DESIGNERS/CONSULTANTS

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FINAL

ADDENDUM TO THE PRELIMINARY SITE INVESTIGATION REPORT FORMER LORING AFB DEFENSE AREA NIKE BATTERY LO-58 LAUNCH AREA CARIBOU, MAINE

Contract No. DACA31-96-D-0006
Task Order 18
DCN: NIKE-102401-AABO

Prepared for:

U.S. DEPARTMENT OF THE ARMY
NEW ENGLAND DISTRICT, CORPS OF ENGINEERS
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24 October 2001

W.O. No. 10971.218.001

FINAL

ADDENDUM TO THE PRELIMINARY SITE INVESTIGVATION REPORT FORMER LORING AFB DEFENSE AREA NIKE BATTERY LO-58 LAUNCH AREA CARIBOU, MAINE

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24 October 2001

Work Order No. 10971.218.001.0019.02

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LIST OF ACRONYMS

"the Site"	Former Nike Battery LO-58 Launch Area property
µg/kg	micrograms per kilogram
µg/L	micrograms per liter
AEL	Analytics Environmental Laboratory, LLC
AMAC	Adult Multiple Alternative Center
amsl	above mean sea level
bgs	below ground surface
CENAE	U.S. Army Corps of Engineers, New England District
cis-1,2-DCE	cis-1,2-dichloroethene
DERP	Defense Environmental Restoration Program
ft	feet
FUDS	Formerly Used Defense Sites
gpm	gallon per minute
MEDEP	Maine Department of Environmental Protection
MEG	Maximum Exposure Guideline
mg/kg	milligrams per kilogram
MtBE	methyl tert-butyl ether
OVM-PID	organic vapor monitor – photoionization detector
ppb	parts per billion
PSI	Preliminary Site Investigation
PVC	polyvinyl chloride
RAGs	Remedial Action Guidelines
Report Addendum	Addendum to the Preliminary Site Investigation Report
SAP	Sampling and Analysis Plan
SOW	Statement of Work
TCE	trichloroethene
TDS	Technical Drilling Services, Inc.
TPH-DRO	total petroleum hydrocarbons – diesel range organics
TPH-GRO	total petroleum hyrdrocarbons – gasoline range organics
UST	underground storage tank
UTM	Universal Transverse Mercator

VFW	Veterans of Foreign Wars
VOCs	volatile organic compounds
WESTON®	Roy F. Weston, Inc.
WBR	weathered bedrock

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

This Addendum to the Preliminary Site Investigation Report (Report Addendum) was prepared by Roy F. Weston, Inc. (WESTON®) for the Former Nike Battery LO-58 Launch Area property ("the Site") in Caribou, Maine. The Report Addendum was prepared for the U.S. Army Corps of Engineers, New England District (CENAE) in accordance with the Addendum to the Statement of Work (SOW) issued by CENAE to WESTON on 6 June 2000 and revised on 13 June 2000. The work performed under this SOW falls under the Defense Environmental Restoration Program (DERP) for Formerly Used Defense Sites (FUDS).

The Report Addendum was prepared to describe supplemental site investigation activities conducted at the Site between October 2000 and May 2001. These activities were conducted to supplement the information obtained during the Preliminary Site Investigation (PSI), performed at the Site by WESTON between June and October 1999. The PSI was initiated following the detection of trichloroethene (TCE) in a bedrock water supply well at the property at a concentration above the Maine Department of Environmental Protection (MEDEP) Maximum Exposure Guideline (MEG) of 5 parts per billion (ppb). This MEG was later revised by the Bureau of Health, Maine Department of Human Services from 5 ppb to 32 ppb. Additional investigation at the property by the MEDEP in the spring of 2000 indicated the presence of fuel-impacted soils in the vicinity of a former underground storage tank (UST), which was reportedly removed in 1994.

The objectives of the additional site investigation activities at the Site were to further evaluate the source of TCE in the on-site drinking water well, to obtain further information regarding hydrogeologic conditions in bedrock, and to fill data gaps caused by the premature removal of soil-gas probes by third parties during the PSI. The additional site investigation activities included a Geoprobe soil boring and soil sampling program; the installation of five bedrock groundwater monitoring wells; and the collection of soil, groundwater, drinking water samples for laboratory analysis of volatile organic compounds (VOCs), total petroleum hydrocarbons – diesel range organics (TPH-DRO), and TPH – gasoline range organics (TPH-GRO).

The Geoprobe investigation was performed to address concerns expressed by the MEDEP regarding soil quality at Site. In particular, evaluations of soil in the vicinity of the former Launcher Pad and the Adult Multiple Alternative Center (AMAC) were conducted. Additional areas of the property that were included in the investigation were the former Test Building and surroundings, the former Warhead Building and surroundings, and the grassy area located to the southwest of the AMAC building. The analytical results of soil samples collected during the investigation indicate the presence of TPH-DRO at three boring locations at concentrations in excess of MEDEP Remedial Action Guidelines (RAGs).

The bedrock monitoring well installations were performed using air-hammer drilling techniques. The wells were installed at the Site to evaluate the nature and extent of groundwater contamination at the Site, as well as to determine the direction of groundwater flow in the local bedrock water-bearing zone. Groundwater samples were collected from the bedrock monitoring wells in October 2000 and in May 2001 and submitted for laboratory analysis of VOCs, TPH-DRO, and TPH-GRO. The analytical results of the sampling indicate the presence of VOCs, TPH-DRO, and TPH-GRO. No VOCs were detected at concentrations above MEDEP MEGs, but TPH-DRO and TPH-GRO were each detected in monitoring well MW-05 during both rounds at a concentration in excess of their respective MEGs. TPH-GRO was also detected in MW-03 during the May 2001 sampling event at a concentration that exceeds its MEG.

Drinking water samples were collected from two on-site bedrock water supply wells; one servicing the AMAC building, and the other servicing the Lister-Knowlton Veterans of Foreign Wars (VFW) building. The analytical results of samples collected from the AMAC well indicate the presence of TCE and cis-1,2-dichloroethene (cis-1,2-DCE) at concentrations below the MEDEP MEG. There were no detections of TPH-DRO in the AMAC samples, and no detections of VOCs or TPH-DRO in the samples collected from the VFW well.

The analytical results of the groundwater and drinking water samples collected by WESTON were compared with the Maximum Exposure Guidelines (MEG) for Drinking Water, as issued by the Bureau of Health, Maine Department of Human Services on 20 January 2000. Analytical results of soil samples collected by WESTON and analyzed for VOCs were compared with the

"Residential Guideline" and "Groundwater Guideline" scenarios presented in the MEDEP's Procedural Guidelines For Establishing Standards for the Remediation of Oil Contaminated Soil and Groundwater in Maine, approved 11 January 1995 and revised on 13 March 2000. The results were also evaluated in accordance with the Cleanup Goals outlined in the MEDEP's Decision Tree for Establishing Action Levels and Cleanup Goals for Oil-Contaminated Sites. Based on the results of the site investigation conducted by WESTON in October 1999 and the supplemental site investigation activities conducted by WESTON in October 2000 and May 2001, the following conclusions have been reached:

- No source areas of the chlorinated solvents detected in the AMAC drinking water supply well have been detected in overburden soils at the Site.
- Several areas exist where TPH-DRO has been detected in overburden soils at concentrations that meet or exceed the Cleanup Goal of 10 milligrams per kilogram (mg/kg).
- TPH-DRO and TPH-GRO were detected in groundwater at the Site at concentrations that exceed MEDEP MEGs.
- TPH-DRO has not been detected in the on-site water supply wells.
- VOCs were detected in groundwater at the Site, but at concentrations below MEDEP MEGs.
- VOCs were detected in the AMAC drinking water supply well, but at concentrations below MEDEP MEGs
- The general direction of groundwater across the Site is to the north and west.
- WESTON concludes that no further action is warranted to locate source areas of VOC or TPH contamination in on-site overburden soils.

WESTON recommends the continued monitoring of the five bedrock monitoring wells and two on-site drinking water supply wells to evaluate the nature and extent of impact of fuel-related substances on the bedrock water-bearing zone. The sampling should be conducted on a twice a year basis (spring and fall) for a period of two years. After the two-year period has elapsed, the sampling data from the bedrock monitoring wells should be re-evaluated to determine if a change in the monitoring program is warranted.

SECTION 1

GENERAL

1. GENERAL

1.1 INTRODUCTION

A supplemental site investigation was conducted by Roy F. Weston, Inc. (WESTON®) at the Former Nike Battery LO-58 Launch Area property in Caribou, Maine ("the Site"). The investigation was performed for the U.S. Army Corps of Engineers, New England District (CENAE) in accordance with the revised Statement of Work (SOW) issued by CENAE to WESTON on 6 June 2000 and revised on 13 June 2000. The work performed under this SOW falls under the Defense Environmental Restoration Program (DERP) for Formerly Used Defense Sites (FUDS).

1.2 PROJECT OBJECTIVES

The objectives of the additional site investigation activities at the Site were to further evaluate the source of trichloroethene (TCE) in the on-site drinking water well, to obtain further information regarding hydrogeologic conditions in bedrock, and to fill data gaps caused by the premature removal of soil-gas probes by third parties during the preliminary site investigation (PSI). The additional site investigation activities included a soil boring and soil sampling program and the installation of five bedrock groundwater monitoring wells. Following installation and development of the monitoring wells, groundwater and drinking water samples were collected from the Site and submitted for laboratory analysis of volatile organic compounds (VOCs), total petroleum hydrocarbons – diesel range organics (TPH-DRO), and TPH – gasoline range organics (TPH-GRO).

1.3 SITE LOCATION, PHYSIOGRAPHY, OWNERSHIP, AND PRIOR LAND USE

Information pertaining to the Site location, physiography, ownership, and prior land use are presented in the WESTON 2000 PSI Report.

SECTION 2

SITE INVESTIGATION

2. SITE INVESTIGATION

2.1 INTRODUCTION

The subsections that follow describe the rationale and procedures used to conduct the Geoprobe® soil boring and soil sampling program, bedrock monitoring well installation, and groundwater sampling activities at the Site. The field investigation was performed in accordance with the Final Addendum to the Sampling and Analysis Plan (SAP), prepared by WESTON and submitted to CENAE on 25 September 2000 (2000 SAP Addendum). The results of these investigations are provided in Section 4.

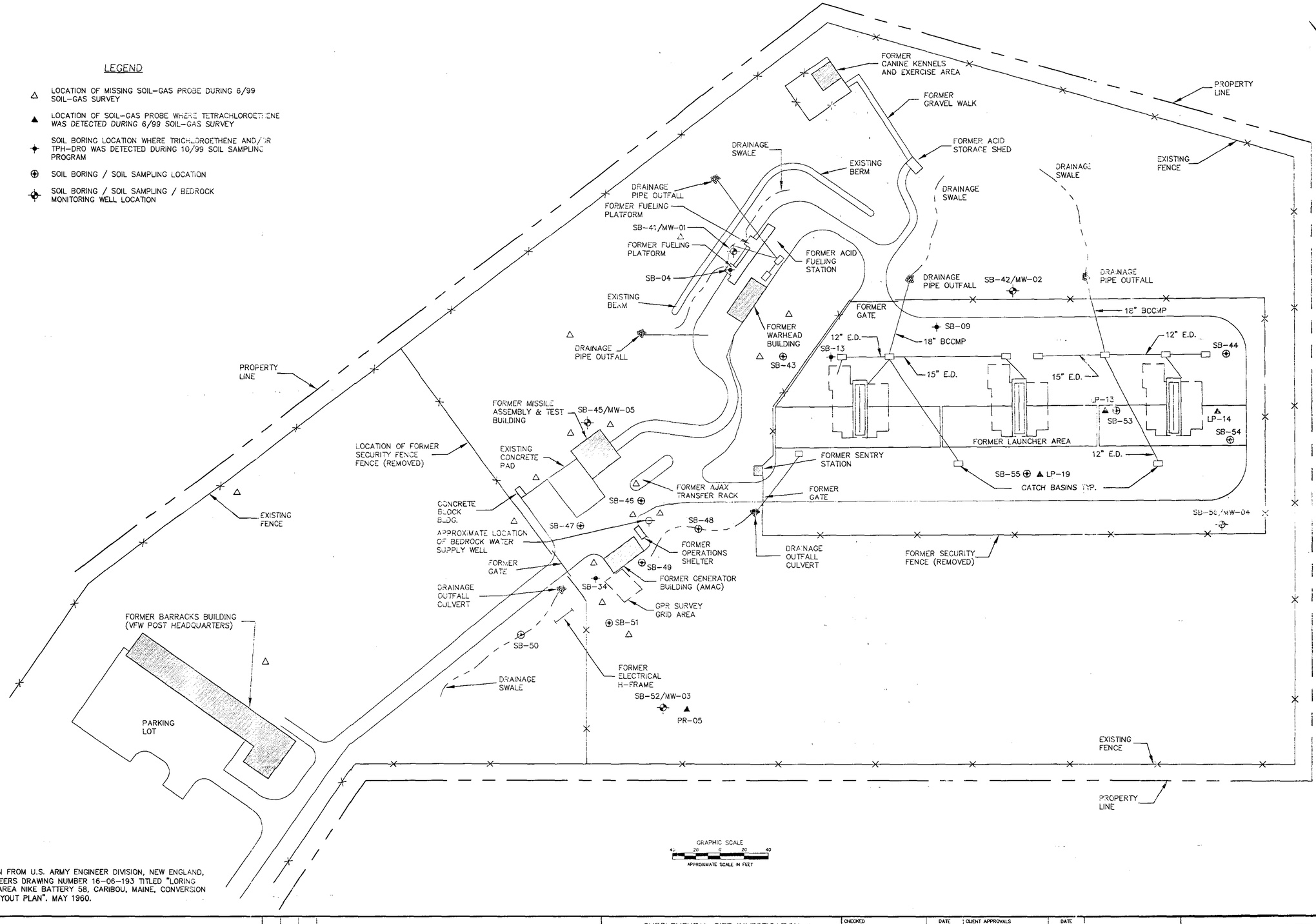
2.2 GEOPROBE SOIL BORING AND SOIL SAMPLING PROGRAM

A Geoprobe® soil investigation was performed to address concerns expressed by the Maine Department of Environmental Protection (MEDEP) regarding soil quality at Site. In particular, evaluations of soil in the vicinity of the former Launcher Pad and the Adult Multiple Alternative Center (AMAC) were conducted. The locations of the borings were concentrated around the impacted bedrock water supply well at the AMAC and the southern portion of the Launcher Pad where chlorinated solvents were detected during the passive soil-gas survey. Additional areas of the property that were included in the investigation were the former Test Building and surroundings, the former Warhead Building and surroundings, and the grassy area located to the southwest of the AMAC building. These locations (as shown on Figure 2-1) also represent areas where soil-gas probes were removed by third parties prior to their retrieval and analysis during the passive soil-gas survey in June 1999. Also, the grassy area located southwest of the AMAC building is where fuel-impacted soils were reportedly discovered during excavation activities behind the AMAC building in the spring of 2000.

A subcontractor to WESTON, Technical Drilling Services, Inc. (TDS) of Sterling, Massachusetts performed the soil boring activities at the Site on 2-3 October 2000. Soil samples and penetration data were obtained using the Geoprobe® Systems direct-push method. Under the supervision of a WESTON geologist, a total of sixteen soil borings were advanced at the approximate locations shown on Figure 2-1.

LEGEND

- △ LOCATION OF MISSING SOIL-GAS PROBE DURING 6/99 SOIL-GAS SURVEY
- ▲ LOCATION OF SOIL-GAS PROBE WHERE TETRACHLOROETHENE WAS DETECTED DURING 6/99 SOIL-GAS SURVEY
- ✦ SOIL BORING LOCATION WHERE TRICHLOROETHENE AND/OR TPH-DRO WAS DETECTED DURING 10/99 SOIL SAMPLING PROGRAM
- ⊕ SOIL BORING / SOIL SAMPLING LOCATION
- ⊕ SOIL BORING / SOIL SAMPLING / BEDROCK MONITORING WELL LOCATION



GRAPHIC SCALE
40 20 0 20 40
APPROXIMATE SCALE IN FEET

BASE MAP TAKEN FROM U.S. ARMY ENGINEER DIVISION, NEW ENGLAND, CORPS OF ENGINEERS DRAWING NUMBER 16-06-193 TITLED "LORING A.F.B. DEFENSE AREA NIKE BATTERY 58, CARIBOU, MAINE, CONVERSION TO HERCULES LAYOUT PLAN". MAY 1960.

FILE NAME: M:\Design\DWG\ACOE\NIKE\MOD2000\FIG2-1.DWG, Model, 07/02/2001 01:16:15 PM, GIRARDEB, 1:1

NO.	DATE	APPR.	REVISION

SUPPLEMENTAL SITE INVESTIGATION
FORMER LORING AFB DEFENSE AREA
NIKE BATTERY LO-58 LAUNCH AREA
CARIBOU, MAINE

WESTON MANAGERS DESIGNERS/CONSULTANTS
MANCHESTER NEW HAMPSHIRE

CHECKED	DATE	CLIENT APPROVALS	DATE
DES. ENG.			
PROJ. ENG.			
PROJ. MGR.			
APPROVED			
APPROVED		ISSUED FOR	DATE

DEPARTMENT OF THE ARMY
NEW ENGLAND DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

SITE PLAN
SOIL BORING / BEDROCK MONITORING WELL LOCATIONS

DRAWN: BEG	DATE: JUNE 2001	FIGURE NO. 2-1	REV. NO.
SCALE: AS SHOWN	W.O. NO. 10971-218-001	SHT. ____ OF ____	

The borings were advanced to the top of the bedrock surface, which was encountered at approximate depths of between 2 and 16 feet (ft) below ground surface (bgs). Soil samples were collected continually from the ground surface to the bottom of the borehole using 4-ft long Geoprobe macrosamplers. Upon removal from the borehole, each sample was screened in the field for organic vapors using an organic vapor monitor – photoionization detector (OVM-PID) and the jar headspace analysis method, and the values recorded by the WESTON geologist in the field logbook.

One soil sample was collected at each soil boring location and submitted for laboratory analysis of VOCs by EPA Method 8260B, TPH-DRO by Maine Method 4.1.25, and TPH-GRO by Maine Method 4.2.17. The samples submitted for laboratory analysis were from the interval displaying the highest PID reading. If no PID readings were detected above background from any of the intervals screened at each boring, then the sample submitted was from the 0 to 4-ft interval. The samples were collected directly from the Geoprobe acetate sample sleeve using disposable open barrel plastic syringes and transferred directly to the appropriate sample containers. Soil samples collected for analysis of VOCs and TPH-GRO were preserved in sodium bisulfate (for low-level analyses) and methanol (for high-level analyses) to reduce analyte volatilization and biodegradation. Following collection, the samples were packed in ice and shipped to Analytics Environmental Laboratory, LLC (AEL) in Portsmouth, N.H. for laboratory analysis of the compounds identified above.

2.3 BEDROCK MONITORING WELL INSTALLATION

Using air-hammer drilling techniques, five bedrock monitoring wells were installed at the Site on 3-4 October 2000 by Henry Michaud and Sons of St. Agatha, Maine. The wells were installed to evaluate the nature and extent of groundwater contamination at the Site, as well as to determine the direction of groundwater flow in the local bedrock water-bearing zone. Under the direction of a WESTON geologist, the wells were installed at five of the sixteen soil boring locations, once the soil boring and sampling program had been completed. The five locations shown on Figure 2-1 were chosen to provide groundwater quality data in areas where VOCs were previously detected in soil-gas and/or soil samples collected from the Site. Whereas some uncertainty exists regarding the exact size and location of underground structures associated with

the missile magazines, no locations were selected for the former Launcher Pad itself; however, two of the five wells were installed at locations along the immediate perimeter of the area.

Bedrock monitoring wells MW-01 through MW-05 were each drilled to a depth where the borehole was capable of producing an estimated well yield of at least 1 gallon per minute (gpm). The yields were estimated by blowing air into the borehole with the bedrock drilling rig and measuring the sustained volume of water purged from it using a graduated 5-gallon bucket and stopwatch. Throughout the advancement of the air hammer, the WESTON geologist examined the drill cuttings for evidence of fractures and/or bedrock groundwater. At monitoring well locations MW-02, MW-03, MW-04, and MW-05, the boreholes were drilled into the bedrock to depths of 62, 47, 82, and 82 ft bgs, respectively. At monitoring well location MW-01, a measurable yield of bedrock groundwater was not encountered until a depth of approximately 140 ft bgs had been reached, and the borehole was completed at a depth of 142 ft bgs.

Upon completion of drilling, the wells were each constructed of 2-inch diameter, schedule 40, flush-threaded polyvinyl chloride (PVC) riser and 10 ft of 0.010-slotted PVC well screen. The annular spaces were backfilled with #0 filter sand to a level of at least 2-ft above the top of the screen, and a minimum 2-ft thick bentonite seal was installed above the sand pack. The remainder of the annulus at each location was filled with a cement-bentonite grout. The wells were fitted with locking, 2-inch diameter expansion plugs at the surface, and the well heads were constructed using either a traffic-rated, flush-mounted well box or a steel protective standpipe set in a 2-ft square concrete pad. Well construction logs for bedrock monitoring wells MW-01 through MW-05 have been included as Appendix A.

2.4 WELL DEVELOPMENT

Well development was performed on the bedrock monitoring wells no sooner than 24 hours after installation to allow for sufficient grout curing. The wells were developed using a 2-inch diameter Grundfos Redi-Flow II submersible pump with a rating of 10-gpm, and equipped with clean wiring and dedicated polyethylene tubing. The pump was raised and lowered in approximate three-foot intervals during pumping to promote surging of the well. Well development continued until the purge water evacuated from the well was clear and free of sand to the unaided eye.

2.5 GROUNDWATER SAMPLING AND ANALYSIS

Using the low-flow (minimal drawdown) sampling procedures described in the 2000 SAP Addendum, two groundwater sampling rounds were conducted at the Site in October 2000 and May 2001. During well purging, the field parameters were monitored at regular intervals until the parameters had stabilized to within approximately 10% (±5%) over a minimum of three readings. The field parameters and their stability criteria were as follows: pH (± 0.1 units), dissolved oxygen (10%), temperature (3%), conductivity (3%), ORP/Eh (±10 mV), and turbidity (10%). These data were recorded on field water quality monitoring forms, which have been included in Appendix B.

Once the field parameters were stabilized, the groundwater samples were collected directly from the end of the discharge tubing (disconnected from the flow-through cell). The samples collected from bedrock monitoring wells MW-01 through MW-05 were packed in ice and submitted to AEL for laboratory analysis of VOCs by EPA Methods 524.2 and 504.1; TPH-DRO by Maine Method 4.1.25; TPH-GRO by Maine Method 4.2.17; and pH by EPA Method 9040B.

2.6 DRINKING WATER SAMPLING

In accordance with the June 2000 ASOW, the bedrock water supply wells that service the AMAC and Lister-Knowlton Veterans of Foreign Wars (VFW) buildings were included in the groundwater-sampling program. During the October 2000 and May 2001 groundwater sampling rounds, drinking water samples were collected from the water supply wells that service each building and submitted for laboratory analysis of VOCs by Method 524.2 and TPH-DRO by Maine Method 4.1.25. The samples were collected directly from an available outside spigot or tap, and bypassed any filters or water treatment systems.

2.7 SOIL BORING/MONITORING WELL SURVEY

On 16 May 2001 a WESTON subcontractor, Blackstone Land Surveying of Caribou, Maine, surveyed the exploration locations for elevations and coordinates. In accordance with the September 1998 CENAE SOW, the horizontal coordinates were located to the nearest 1.0 foot and referenced to the Universal Transverse Mercator (UTM) Coordinate System, NAD 27. A

ground elevation to the closest 0.1-foot was also obtained. The vertical datum was tied to the 0M Station of the Crown of Maine calibrated baseline located at the Caribou Airport. The top of casing elevations surveyed by Blackstone Land Surveying were used in conjunction with water level measurements taken in the wells to develop potentiometric surface maps of the bedrock water-bearing zone at the Site. These maps and a discussion regarding the direction of groundwater flow at the Site are presented in Section 3.2 of this Report Addendum.

SECTION 3

RESULTS

3. RESULTS

3.1 GEOPROBE SOIL BORING AND SOIL SAMPLING PROGRAM

A total of eighteen soil samples (including two duplicate samples) were collected at the Nike LO-58 property from soil boring locations SB-41 through SB-56 (Figure 2-1). The analytical results of the soil samples collected indicate the presence of acetone in 15 of the 18 samples collected at concentrations ranging between 21 micrograms per kilograms (μg/kg) at location SB-51 to approximately 210 μg/kg at location SB-49 (AEL, 2000). The MEDEP's Removal Action Guideline (RAG) for this substance (protective of groundwater) is 16,000 μg/kg (MEDEP, 1997). However, this substance was also detected in the trip blank sample submitted to the laboratory at a concentration of 11 μg/kg; therefore, the acetone detected in the soil samples is likely due to laboratory contamination associated with Method 5035, and not entirely attributable to the Site. Also considered to be a byproduct of Method 5035 is the presence of 2-Butanone (methyl ethyl ketone), which was detected in five of the 18 samples at concentrations ranging between 12 ppb and approximately 26 ppb. The MEDEP's RAG for this substance (Residential Guideline) is 10,000,000 ppb (MEDEP, 1997). The only other VOC detected was carbon disulfide, which was detected in five of the 18 samples collected at concentrations ranging between 1 and 13 μg/kg. There is currently no MEDEP RAG for this substance (MEDEP, 1997).

TPH-DRO was detected in soil samples SB-45, SB-54, and SB-55 at concentrations of 11, 24, and 133 milligrams per kilogram (mg/kg), respectively (AEL, 2000). Each of these concentrations exceeds the MEDEP Remediation Standard of 10 mg/kg for this substance (MEDEP, 1995). There were no other detections of TPH-DRO, and no detections of TPH-GRO in the 18 soil samples collected from the Nike LO-58 property (AEL, 2000). A summary of the VOC and TPH-DRO analytical results of the soil samples, including regulatory and laboratory reporting limits, are presented in Table 3-1. A summary of the lithology and depth to bedrock encountered at each of the 40 soil boring locations is summarized in Table 3-2. The laboratory data report for soil samples analyzed by AEL is included as Appendix C.

TABLE 3-1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS AND TPH IN SOIL
FORMER MIKE LO-58 LAUNCH SITE
CARIBOU, MAINE

Analyte of Concern	MEDEP RAG[1] (µg/kg)[2]	SB-41 (0-4 ft)	SB-42 (0-4 ft)	SB-43 (0-4 ft)	SB-44 (0-4 ft)	SB-44 (0-4 ft) (Duplicate)	SB-45 (0-4 ft)	SB-46 (0-4 ft)	SB-47 (0-4 ft)	SB-48 (0-4 ft)
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	2,000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2-Trichloroethane	20	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1,1,2-Tetrachlorothane	660,000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	23,000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethene	60	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-Dichloroethene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-Dichloroethene	700	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloropropane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichloropropane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,2-Dichloropropane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloropropene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,3-Dichloropropene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,3-Dichloropropene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Butanone	10,000,000	*12*	8 U	*13*	12 U	8 U	*15*	10 U	8 U	11 U
2-Hexanone	--	2 U	8 U	9 U	12 U	8 U	8 U	10 U	8 U	11 U
Acetone	16,000	*146*	8 U	*113*	*72 TB*	*26 TB*	*238*	*60 TB*	*66 TB*	*53 TB*
Benzene	30	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromochloromethane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromodichloromethane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromobenzene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromoform	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

TABLE 3-1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS AND TPH IN SOIL
FORMER MIKE LO-58 LAUNCH SITE
CARIBOU, MAINE

Analyte of Concern	MEDEP RAG[1] (µg/kg)[2]	SB-41 (0-4 ft)	SB-42 (0-4 ft)	SB-43 (0-4 ft)	SB-44 (0-4 ft)	SB-44 (0-4 ft) (Duplicate)	SB-45 (0-4 ft)	SB-46 (0-4 ft)	SB-47 (0-4 ft)	SB-48 (0-4 ft)
Bromomethane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
n-Butylbenzene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
sec-Butylbenzene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
tert-Butylbenzene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Carbon Disulfide	--	*1 J*	2 U	3	2 U	2 U	2 U	2 U	*3*	2 U
Carbon Tetrachloride	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chlorobenzene	1,000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chloroethane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chloroform	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chloromethane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Chlorotoluene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorotoluene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibromochloromethane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dibromo-3-chloropropane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dibromoethane(EDB)	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibromomethane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	17,000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dichlorodifluoromethane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	13,000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

TABLE 3-1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS AND TPH IN SOIL
FORMER MIKE LO-58 LAUNCH SITE
CARIBOU, MAINE

Analyte of Concern	MEDEP RAG[1] (µg/kg)[2]	SB-41 (0-4 ft)	SB-42 (0-4 ft)	SB-43 (0-4 ft)	SB-44 (0-4 ft)	SB-44 (0-4 ft) (Duplicate)	SB-45 (0-4 ft)	SB-46 (0-4 ft)	SB-47 (0-4 ft)	SB-48 (0-4 ft)
Hexachlorobutadiene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Isopropylbenzene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
p-Isopropyltoluene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene Chloride	20	6 U	4 U	4 U	6 U	4 U	4 U	5 U	4 U	5 U
4-Methyl-2-pentanone	--	11 U	8 U	9 U	12 U	8 U	8 U	10 U	8 U	11 U
MTBE	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Naphthalene	84,000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
n-Propylbenzene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Styrene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Tetrachloroethene	60	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Tetrahydrofuran	--	11 U	8 U	9 U	12 U	8 U	8 U	10 U	8 U	11 U
Toluene	12,000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,3,5-Trichlorobenzene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-Trichlorobenzene	5,000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	60	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Trichlorofluoromethane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,3-Trichloropropane	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-Trimethylbenzene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,3,5-Trimethylbenzene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl Acetate	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl Chloride	10	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
o-Xylene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
m,p-Xylene	--	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Total Petroleum Hydrocarbons (TPH)										
TPH-DRO (mg/kg)	10	6 U	6 U	6 U	6 U	6 U	*11*	7 U	6 U	6 U
TPH-GRO (mg/kg)	5	1.3 U	1.1 U	1 U	1.2 U	1.5 U	1.1 U	1.5 U	1.3 U	1.1 U

TABLE 3-1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS AND TPH IN SOIL
FORMER MIKE LO-58 LAUNCH SITE
CARIBOU, MAINE

Analyte of Concern	MEDEP RAG[1] (µg/kg)[2]	SB-49 (0-4 ft)	SB-49 (0-4 ft) (Duplicate)	SB-50 (0-4 ft)	SB-51 (0-4 ft)	SB-52 (0-4 ft)	SB-53 (0-4 ft)	SB-54 (0-4 ft)	SB-55 (0-4 ft)	SB-56 (0-4 ft)
Volatile Organic Compounds (VOCs)		**Volatile Organic Compounds (VOCs)**								
1,1,1-Trichloroethane	2,000	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,1,2-Trichloroethane	20	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,1,1,2-Tetrachlorothane	660,000	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,1,2,2-Tetrachloroethane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,1-Dichloroethane	23,000	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,1-Dichloroethene	60	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,2-Dichloroethane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
cis-1,2-Dichloroethene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
trans-1,2-Dichloroethene	700	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,2-Dichloropropane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,3-Dichloropropane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
2,2-Dichloropropane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,1-Dichloropropene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
cis-1,3-Dichloropropene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
trans-1,3-Dichloropropene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
2-Butanone	10,000,000	*26 J*	14 UJ	7 U	9 U	9 U	9 U	*14*	7 U	10 U
2-Hexanone	--	13 U	14 U	7 U	9 U	9 U	9 U	8 U	7 U	10 U
Acetone	16,000	*210 J*	*87 JTB*	7 U	*21*	*26 TB*	*30 TB*	*71 TB*	*36 TB*	10 U
Benzene	30	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Bromochloromethane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Bromodichloromethane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Bromobenzene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Bromoform	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U

TABLE 3-1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS AND TPH IN SOIL
FORMER MIKE LO-58 LAUNCH SITE
CARIBOU, MAINE

Analyte of Concern	MEDEP RAG[1] (µg/kg)[2]	SB-49 (0-4 ft)	SB-49 (0-4 ft) (Duplicate)	SB-50 (0-4 ft)	SB-51 (0-4 ft)	SB-52 (0-4 ft)	SB-53 (0-4 ft)	SB-54 (0-4 ft)	SB-55 (0-4 ft)	SB-56 (0-4 ft)
Bromomethane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
n-Butylbenzene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
sec-Butylbenzene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
tert-Butylbenzene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Carbon Disulfide	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	*1*	*13*
Carbon Tetrachloride	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Chlorobenzene	1,000	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Chloroethane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Chloroform	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Chloromethane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
2-Chlorotoluene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
4-Chlorotoluene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Dibromochloromethane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,2-Dibromo-3-chloropropane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,2-Dibromoethane(EDB)	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Dibromomethane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,2-Dichlorobenzene	17,000	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,3-Dichlorobenzene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,4-Dichlorobenzene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Dichlorodifluoromethane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Ethylbenzene	13,000	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U

TABLE 3-1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS AND TPH IN SOIL
FORMER MIKE LO-58 LAUNCH SITE
CARIBOU, MAINE

Analyte of Concern	MEDEP RAG[1] (µg/kg)[2]	SB-49 (0-4 ft)	SB-49 (0-4 ft) (Duplicate)	SB-50 (0-4 ft)	SB-51 (0-4 ft)	SB-52 (0-4 ft)	SB-53 (0-4 ft)	SB-54 (0-4 ft)	SB-55 (0-4 ft)	SB-56 (0-4 ft)
Hexachlorobutadiene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Isopropylbenzene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
p-Isopropyltoluene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Methylene Chloride	20	6 U	7 U	4 U	4 U	5 U	5 U	4 U	4 U	5 U
4-Methyl-2-pentanone	--	13 U	14 U	7 U	9 U	9 U	9 U	8 U	7 U	10 U
MTBE	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Naphthalene	84,000	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
n-Propylbenzene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Styrene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Tetrachloroethene	60	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Tetrahydrofuran	--	13 U	14 U	7 U	9 U	9 U	9 U	8 U	7 U	10 U
Toluene	12,000	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,3,5-Trichlorobenzene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,2,4-Trichlorobenzene	5,000	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Trichloroethene	60	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Trichlorofluoromethane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,2,3-Trichloropropane	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,2,4-Trimethylbenzene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
1,3,5-Trimethylbenzene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Vinyl Acetate	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Vinyl Chloride	10	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
o-Xylene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
m,p-Xylene	--	3 U	3 U	1 U	2 U	2 U	2 U	2 U	1 U	2 U
Total Petroleum Hydrocarbons (TPH)		**Total Petroleum Hydrocarbons (TPH)**								
TPH-DRO (mg/kg)	10	6 U	6 U	6 U	6 U	6 U	6 U	***24***	***133***	6 U
TPH-GRO (mg/kg)	5	1 U	1.3 U	1.1 U	1 U	0.9 U	1.2 U	1.1 U	0.8 U	1.4 U

[1] For soil VOCs, Regulatory Criteria values are "Remedial Action Guidelines (RAGs) - Groundwater Guideline" (MEDEP May 20, 1997). For those compounds where a Groundwater Guideline value was not applicable (1,1,1,2-Tetrachloroethane and 2-Butanone), then the "Direct Contact Guideline" was substituted.

[2] Units for VOCs are in micrograms per kilogram (µg/kg); Units for TPH are in milligrams per kilogram (mg/kg).

-- = No published "Direct Contact Guideline" or RAG exists for this compound.

U = Not detected at associated reporting limit.

J/UJ = Estimated due to field duplicate criteria not being met.

Values shown in *Italics* indicate that the compound was detected, but at a concentration below its respective MEDEP RAG.

Values shown in **BOLD** indicate that the compound was detected at a concentration that exceeds its MEDEP RAG.

Table 3-2

Soil Boring Summary

Soil Boring ID (Monitor Well ID)	Approx. Depth to Bedrock (ft bgs)	Max. PID Reading (Interval)	Generalized Lithology of Interval with Max. PID Reading
SB-41 (MW-01)	8	0.3 (0-4 ft)	Medium orange-brown silt, some f-m-c angular gravel; slightly cohesive (FILL).
SB-42 (MW-02)	10.5	0.4 (0-4 ft)	Brown f-m-c sand and sub-angular f-m-c gravel; loose, dry (FILL).
SB-43	3.5	0.0 (0-4 ft)	Medium reddish-brown f-sand and silt, some f-m-c WBR fragments; slightly cohesive, dry (FILL/WBR).
SB-44	6.0	0.6 (0-4 ft)	Brown f-c sand and f-c gravel; loose, dry (FILL) underlain by reddish-brown silt, m-c gravel; slightly cohesive, moist (TILL).
SB-45 (MW-05)	16	0.0 (0-4 ft)	Reddish-brown fine sand and silt, fine sub-angular gravel (FILL).
SB-46	5.5	0.0 (0-4 ft)	Medium brown f-m sand, some f-m-c gravel; loose, dry (FILL) underlain by reddish-brown silt, some fine sand, trace f-m gravel (TILL).
SB-47	14	2.0 (0-4 ft)	Medium brown m-c sand, some angular f-m-c gravel (FILL) underlain by reddish-brown fine sand, silt, and f-m-c sub-rounded gravel (TILL).
SB-48	7	0.0 (0-4 ft)	Brown f-m sand, some f-m gravel; loose, dry (FILL) underlain by reddish-brown silt with some fine gravel; cohesive, moist (TILL).
SB-49	5.5	0.5 (0-4 ft)	Reddish-brown fine sand and silt, f-m-c gravel; loose, dry (FILL).
SB-50	8	0.0 (0-4 ft)	Brown fine sand and silt, some f-m-c gravel; firm, dry (TILL).
SB-51	7	0.2 (0-4 ft)	Medium brown fine sand, some m-c sand and f-m-c gravel; loose, dry (FILL).

Table 3-2

Soil Boring Summary (continued)

Soil Boring ID (Monitor Well ID)	Approx. Depth to Bedrock (ft bgs)	Max. PID Reading (Interval)	Generalized Lithology of Interval with Max. PID Reading
SB-52 (MW-03)	9.5	0.0 (0-4 ft)	Medium brownish-red silt with some fine sand, some f-m-c gravel; firm, slightly cohesive, non-plastic (TILL).
SB-53	4	0.0 (0-4 ft)	Brown m-c sand with f-c angular gravel (FILL/WBR).
SB-54	2.5	0.9 (0-4 ft)	Brown f-m sand and f-c angular gravel (FILL/WBR).
SB-55	3	0.0 (0-4 ft)	Brown m-c sand, f-c angular gravel; loose, dry (FILL/WBR).
SB-56	4	0.0 (0-4 ft)	Reddish-brown fine sand and silt, f-m-c sub-angular gravel (TILL/WBR).

Notes: WBR = Weathered Bedrock.
f-m-c = Fine-medium-coarse.
bgs = Below Ground Surface.

3.2 WATER LEVEL MONITORING

Prior to the collection of groundwater samples during the October 2000 and May 2001 groundwater sampling rounds, static water level measurements were taken in the bedrock wells and recorded in the field logbook. Using the top of casing (PVC) elevations as surveyed by Blackstone Land Surveying in May 2001, the elevation of the bedrock potentiometric surface during each round was calculated and is presented in Table 3-3. The bedrock potentiometric surface maps for the measurements taken in October 2000 and May 2001 are presented as Figures 3-1 and 3-2. As shown on Figures 3-1 and 3-2, groundwater in the local bedrock water-bearing zone flows in a radial pattern from the topographic high along the southern corner of the former Launch Pad and towards the northern and western portions of the property.

Table 3-3

Depth to Water and Potentiometric Surface Elevations

Well ID	Ground Elevation (ft AMSL)	Casing Elevation (ft AMSL)	PVC Elevation (ft AMSL)	Depth to Water (ft bgs)		Groundwater Elev. (ft AMSL)	
				Oct. 2000	May 2001	Oct. 2000	May 2001
MW-01	577.30	578.96	578.79	36.50	32.55	542.29	546.24
MW-02	587.60	590.13	589.36	41.42	37.70	547.94	551.66
MW-03	567.50	571.07	570.63	28.25	24.18	542.38	546.45
MW-04	603.40	605.84	605.45	52.18	47.10	553.27	558.74
MW-05	575.90	575.88	575.72	33.56	29.60	542.16	546.12

ft bgs = feet below ground surface
ft AMSL = feet above mean sea level

3.3 GROUNDWATER SAMPLING AND ANALYSIS

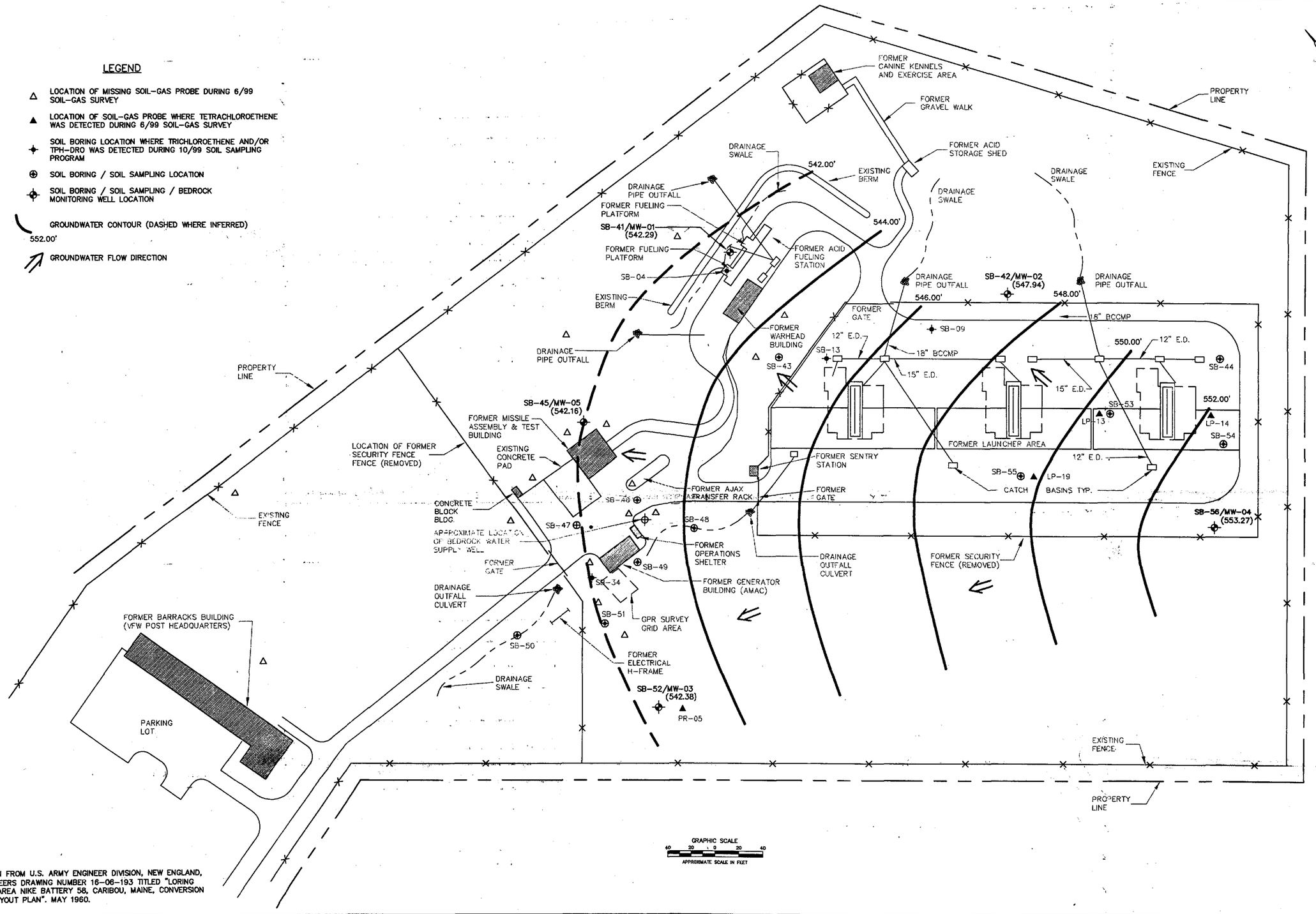
3.3.1 October 2000

A total of six groundwater samples (including one duplicate sample) were collected from bedrock monitoring well locations MW-01 through MW-05 on 26-27 October 2000. The laboratory analytical results indicate no detections of VOCs in the groundwater samples collected from monitoring well locations MW-01, MW-02, MW-03, and MW-04 (AEL, 2000). In the sample and duplicate sample collected from monitoring well MW-05 (located to the north of the former Missile Assembly and Test Building), nine VOCs were detected at concentrations ranging between 0.73 micrograms per liter (μg/L) (ethylbenzene) and 8.5 μg/L (1,2,4-trimethylbenzene). Benzene, a common component of gasoline and a carcinogenic compound, was not detected at this location. None of the compounds detected were in excess of MEDEP Maximum Exposure Guidelines (MEGs), nor were any detected at concentrations greater than or equal to one-half the MEG (MEDEP, 2000).

TPH-DRO and TPH-GRO were also detected in the samples collected from monitoring well location MW-05 (AEL, 2000). TPH-DRO was detected in samples MW-05 and QC-03 (duplicate sample of MW-05) at concentrations of 570 μg/L and 572 μg/L, respectively.

LEGEND

- △ LOCATION OF MISSING SOIL-GAS PROBE DURING 6/99 SOIL-GAS SURVEY
- ▲ LOCATION OF SOIL-GAS PROBE WHERE TETRACHLOROETHENE WAS DETECTED DURING 6/99 SOIL-GAS SURVEY
- ✦ SOIL BORING LOCATION WHERE TRICHLOROETHENE AND/OR TPH-DRO WAS DETECTED DURING 10/99 SOIL SAMPLING PROGRAM
- ⊕ SOIL BORING / SOIL SAMPLING LOCATION
- ⊕ SOIL BORING / SOIL SAMPLING / BEDROCK MONITORING WELL LOCATION
- 552.00' GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION



BASE MAP TAKEN FROM U.S. ARMY ENGINEER DIVISION, NEW ENGLAND, CORPS OF ENGINEERS DRAWING NUMBER 16-06-193 TITLED "LORING A.F.B. DEFENSE AREA NIKE BATTERY 58, CARIBOU, MAINE, CONVERSION TO HERCULES LAYOUT PLAN". MAY 1960.

FILE NAME:

NO.	DATE	APPR.	REVISION

NO.	DATE	APPR.	REVISION

SUPPLEMENTAL SITE INVESTIGATION
FORMER LORING AFB DEFENSE AREA
NIKE BATTERY LO-58 LAUNCH AREA
CARIBOU, MAINE

WESTON MANAGERS DESIGNERS/CONSULTANTS
MANCHESTER NEW HAMPSHIRE

	CHECKED	DATE	CLIENT APPROVALS	DATE
DES. ENG.				
PROJ. ENG.				
PROJ. MGR.				
APPROVED				
APPROVED			ISSUED FOR	DATE

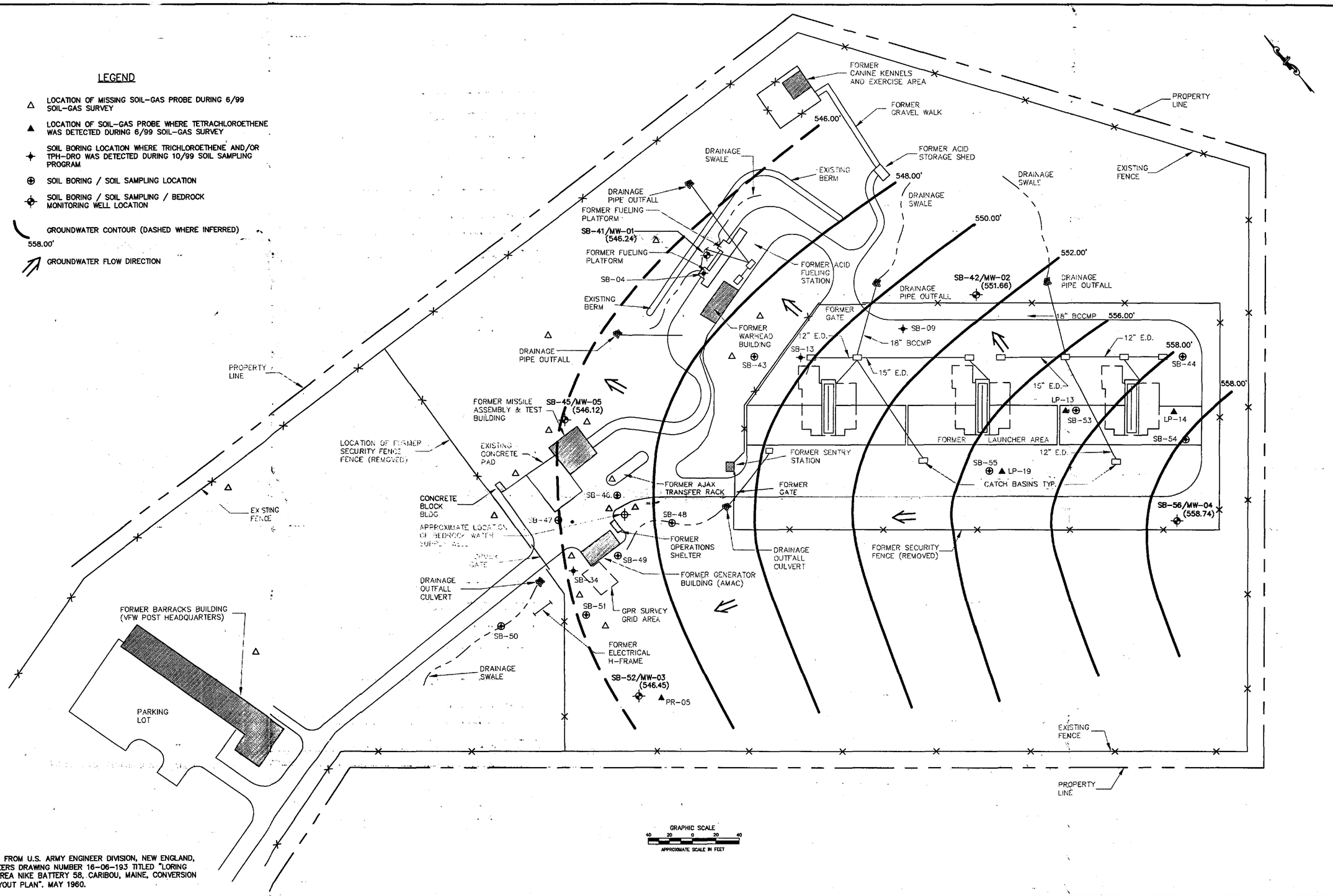
DEPARTMENT OF THE ARMY
NEW ENGLAND DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

BEDROCK POTENTIOMETRIC SURFACE MAP OCTOBER 2000

DRAWN	DATE	FIGURE NO.	REV. NO.
BEG	JUNE 2001	3-1	
SCALE: AS SHOWN	W.O. NO. 10971-218-001	SHT. ___ OF ___	

LEGEND

- △ LOCATION OF MISSING SOIL-GAS PROBE DURING 6/99 SOIL-GAS SURVEY
- ▲ LOCATION OF SOIL-GAS PROBE WHERE TETRACHLOROETHENE WAS DETECTED DURING 6/99 SOIL-GAS SURVEY
- ✦ SOIL BORING LOCATION WHERE TRICHLOROETHENE AND/OR TPH-DRO WAS DETECTED DURING 10/99 SOIL SAMPLING PROGRAM
- ⊕ SOIL BORING / SOIL SAMPLING LOCATION
- ⊕ SOIL BORING / SOIL SAMPLING / BEDROCK MONITORING WELL LOCATION
- GROUNDWATER CONTOUR (DASHED WHERE INFERRED) 558.00'
- GROUNDWATER FLOW DIRECTION



BASE MAP TAKEN FROM U.S. ARMY ENGINEER DIVISION, NEW ENGLAND, CORPS OF ENGINEERS DRAWING NUMBER 16-06-193 TITLED "LORING A.F.B. DEFENSE AREA NIKE BATTERY 58, CARIBOU, MAINE, CONVERSION TO HERCULES LAYOUT PLAN". MAY 1960.

FILE NAME: M:\Design\DWG\ACOE\NIKE\MOU2000\Fig3-2.DWG, Model, 07/02/2001 01:24:33 PM, dmarden, 1:1

NO.	DATE	APPR.	REVISION

NO.	DATE	APPR.	REVISION

SUPPLEMENTAL SITE INVESTIGATION
FORMER LORING AFB DEFENSE AREA
NIKE BATTERY LO-58 LAUNCH AREA
CARIBOU, MAINE

WESTON MANAGERS DESIGNERS/CONSULTANTS
MANCHESTER NEW HAMPSHIRE

	CHECKED	DATE
DES. ENG.		
PROJ. ENG.		
PROJ. MGR.		
APPROVED		
APPROVED		

CLIENT APPROVALS	DATE
ISSUED FOR	DATE

DEPARTMENT OF THE ARMY
NEW ENGLAND DISTRICT
CORPS OF ENGINEERS
CONCORD, MASSACHUSETTS

BEDROCK POTENTIOMETRIC SURFACE MAP MAY 2001

DRAWN	DATE	FIGURE NO.	REV. NO.
BEG	JUNE 2001	3-2	
SCALE: AS SHOWN	W.O. NO. 10971-218-001	SHT. ___ OF ___	

TPH-GRO was detected in these same samples at concentrations of 324 µg/L and 308 µg/L, respectively. Each of these concentrations exceeds the MEDEP MEG of 50 µg/L for each substance (MEDEP, 2000). There were no detections of TPH-DRO or TPH-GRO in the samples collected from monitoring wells MW-01, MW-02, MW-03, or MW-04. A summary of the VOC, TPH-DRO, and TPH-GRO analytical results, including regulatory and laboratory reporting limits, are presented in Table 3-4. The laboratory data report for the groundwater samples collected in October 2000 and analyzed by AEL is included as Appendix D.

3.3.2 May 2001

A total of six groundwater samples (including one duplicate sample) were collected from bedrock monitoring well locations MW-01 through MW-05 on 15-16 May 2001. The laboratory analytical results indicate no detections of VOCs in the groundwater samples collected from monitoring well locations MW-01, MW-02, and MW-04 (AEL, 2000). In the sample collected from well MW-03, methyl-tert-butyl ether (MtBE) was detected at an estimated concentration of 0.46 µg/L. The MEDEP MEG for this substance is 35 µg/L (MEDEP, 2000). In the sample and duplicate sample collected from monitoring well MW-05 (located to the north of the former Missile Assembly and Test Building), seven VOCs were detected at concentrations ranging between 0.36 J µg/L (TCE) and 2.5 µg/L (sec-butylbenzene). Benzene, a common component of gasoline and a carcinogenic compound, was not detected at either location. None of the compounds detected were in excess of MEDEP MEGs, nor were any detected at concentrations greater than or equal to one-half the MEG (MEDEP, 2000).

TPH-DRO and TPH-GRO were also detected in the samples collected from monitoring well location MW-05 (AEL, 2000). TPH-DRO was detected in samples MW-05 and QC-03 (duplicate sample of MW-05) at concentrations of 301 µg/L and 294 µg/L, respectively. TPH-GRO was detected at concentrations of 152 µg/L and 171 µg/L, respectively. Although these concentrations are lower than those detected in well MW-05 during the October 2000 sampling round, they continue to exceed the MEDEP MEG of 50 µg/L for each substance (MEDEP, 2000). TPH-GRO was also detected in the sample collected from monitoring well MW-03 at a concentration of 68 µg/L.

TABLE 3-4
LABORATORY ANALYTICAL RESULTS OF GROUNDWATER AND DRINKING WATER SAMPLES
SAMPLES COLLECTED OCTOBER 2000 AND MAY 2001
FORMER NIKE LO-58 LAUNCH SITE
CARIBOU, MAINE

Analyte of Concern	MEDEP MEG[1] (µg/l)	MW-01		MW-02		MW-03		MW-04	
		10/26/00	5/16/01	10/26/00	5/15/01	10/26/00	5/15/01	10/26/00	5/15/01
Volatile Organic Compounds (VOCs)									
1,1,1-Trichloroethane	200	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1,2-Tetrachloroethane	13	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	1.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	70	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	70	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	140	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichloropropane	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2,2-Dichloropropane	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	1,440	5 U	NA	5 U	NA	5 U	NA	5 U	NA
2-Hexanone		5 U	NA	5 U	NA	5 U	NA	5 U	NA
Acetone	700	5 U	NA	5 U	NA	5 U	NA	5 U	NA
Benzene	12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	44	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Butylbenzene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
sec-Butylbenzene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tert-Butylbenzene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	--	0.5 U	NA	0.5 U	NA	0.5 U	NA	0.5 U	NA

TABLE 3-4
LABORATORY ANALYTICAL RESULTS OF GROUNDWATER AND DRINKING WATER SAMPLES
SAMPLES COLLECTED OCTOBER 2000 AND MAY 2001
FORMER NIKE LO-58 LAUNCH SITE
CARIBOU, MAINE

Analyte of Concern	MEDEP MEG[1] (µg/l)	MW-01		MW-02		MW-03		MW-04	
		10/26/00	5/16/01	10/26/00	5/15/01	10/26/00	5/15/01	10/26/00	5/15/01
Volatile Organic Compounds (VOCs)									
Carbon Tetrachloride	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Chlorotoluene	140	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Chlorotoluene	140	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.25	0.5 U	0.02 U	0.5 U	0.02 U	0.5 U	0.02 U	0.5 U	0.02 U
1,2-Dibromoethane (EDB)	0.004	0.5 U	0.02 U	0.5 U	0.02 U	0.5 U	0.02 U	0.5 U	0.02 U
Dibromomethane	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	1,400	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	70	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Hexachlorobutadiene	4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	47	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-pentanone	--	5 U	NA	5 U	NA	5 U	NA	5 U	NA
MTBE	35	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	*0.46 J*	0.5 U	0.5 U
Naphthalene	14	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Propylbenzene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	140	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrahydrofuran	70	5 U	NA	5 U	NA	5 U	NA	5 U	NA
Toluene	1,400	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

TABLE 3-4
LABORATORY ANALYTICAL RESULTS OF GROUNDWATER AND DRINKING WATER SAMPLES
SAMPLES COLLECTED OCTOBER 2000 AND MAY 2001
FORMER NIKE LO-58 LAUNCH SITE
CARIBOU, MAINE

Analyte of Concern	MEDEP MEG[1] (µg/l)	MW-01		MW-02		MW-03		MW-04	
		10/26/00	5/16/01	10/26/00	5/15/01	10/26/00	5/15/01	10/26/00	5/15/01
Volatile Organic Compounds (VOCs)									
1,3,5-Trichlorobenzene	40	0.5 U	NA	0.5 U	NA	0.5 U	NA	0.5 U	NA
1,2,4-Trichlorobenzene	70	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	32	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	2,100	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichloropropane	0.05	0.5 U	0.02 U	0.5 U	0.02 U	0.5 U	0.02 U	0.5 U	0.02 U
1,2,4-Trimethylbenzene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	--	0.5 U	NA	0.5 U	NA	0.5 U	NA	0.5 U	NA
o-Xylene	14,000 (total)	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-Xylene	14,000 (total)	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Total Petroleum Hydrocarbons (TPH)									
TPH-DRO	50	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
TPH-GRO	50	10 U	10 U	10 U	10 U	10 U	***68***	10 U	10 U

TABLE 3-4
LABORATORY ANALYTICAL RESULTS OF GROUNDWATER AND DRINKING WATER SAMPLES
SAMPLES COLLECTED OCTOBER 2000 AND MAY 2001
FORMER NIKE LO-58 LAUNCH SITE
CARIBOU, MAINE

Analyte of Concern	MEDEP MEG[1] (µg/l)	MW-05		MW-05 (Duplicate)		DW-01 (AMAC)		DW-02 (VFW)	
		10/26/00	5/16/01	10/26/00	5/16/01	10/26/00	5/15/01	10/26/00	5/15/01
Volatile Organic Compounds (VOCs)									
1,1,1-Trichloroethane	200	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1,2-Tetrachloroethane	13	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	1.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	70	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	70	0.5 U	0.5 U	0.5 U	0.5 U	*2.8*	*2.0*	0.5 U	0.5 U
trans-1,2-Dichloroethene	140	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichloropropane	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2,2-Dichloropropane	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	1,440	5 U	NA	5 U	NA	5 U	NA	5 U	NA
2-Hexanone		5 U	NA	5 U	NA	5 U	NA	5 U	NA
Acetone	700	5 U	NA	5 U	NA	5 U	NA	5 U	NA
Benzene	12	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	44	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Butylbenzene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
sec-Butylbenzene	--	*3.7*	*2.5*	*3.9*	*2.5*	0.5 U	0.5 U	0.5 U	0.5 U
tert-Butylbenzene	--	*1.9*	*1.2*	*2.1*	*1.2*	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	--	0.5 U	NA	0.5 U	NA	0.5 U	NA	0.5 U	NA

TABLE 3-4
LABORATORY ANALYTICAL RESULTS OF GROUNDWATER AND DRINKING WATER SAMPLES
SAMPLES COLLECTED OCTOBER 2000 AND MAY 2001
FORMER NIKE LO-58 LAUNCH SITE
CARIBOU, MAINE

Analyte of Concern	MEDEP MEG[1] (µg/l)	MW-05		MW-05 (Duplicate)		DW-01 (AMAC)		DW-02 (VFW)	
		10/26/00	5/16/01	10/26/00	5/16/01	10/26/00	5/15/01	10/26/00	5/15/01
Volatile Organic Compounds (VOCs)									
Carbon Tetrachloride	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	57	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Chlorotoluene	140	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Chlorotoluene	140	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.25	0.5 U	0.02 U	0.5 U	0.02 U	0.5 U	0.5 U	0.5 U	0.02 U
1,2-Dibromoethane (EDB)	0.004	0.5 U	0.02 U	0.5 U	0.02 U	0.5 U	0.5 U	0.5 U	0.02 U
Dibromomethane	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	63	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	21	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	1,400	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	70	*0.82*	0.5 U	*0.73*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Hexachlorobutadiene	4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	--	*2.1*	*0.65*	*2.1*	*0.69*	0.5 U	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	--	*2.4*	*1.0*	*2.6*	*1.1*	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	47	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-pentanone	--	5 U	NA	5 U	NA	5 U	NA	5 U	NA
MTBE	35	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	14	*6.1*	0.5 U	*5.8*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Propylbenzene	--	*1.8*	*0.81*	*2.0*	*0.86*	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	140	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrahydrofuran	70	5 U	NA	5 U	NA	5 U	NA	5 U	NA
Toluene	1,400	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

TABLE 3-4
LABORATORY ANALYTICAL RESULTS OF GROUNDWATER AND DRINKING WATER SAMPLES
SAMPLES COLLECTED OCTOBER 2000 AND MAY 2001
FORMER NIKE LO-58 LAUNCH SITE
CARIBOU, MAINE

Analyte of Concern	MEDEP MEG[1] (µg/l)	MW-05		MW-05 (Duplicate)		DW-01 (AMAC)		DW-02 (VFW)	
		10/26/00	5/16/01	10/26/00	5/16/01	10/26/00	5/15/01	10/26/00	5/15/01
Volatile Organic Compounds (VOCs)									
1,3,5-Trichlorobenzene	40	0.5 U	NA	0.5 U	NA	0.5 U	NA	0.5 U	NA
1,2,4-Trichlorobenzene	70	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	32	0.5 U	*0.36 J*	0.5 U	*0.38 J*	*5.7*	*4.5*	0.5 U	0.5 U
Trichlorofluoromethane	2,100	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichloropropane	0.05	0.5 U	0.02 U	0.5 U	0.02 U	0.5 U	0.5 U	0.5 U	0.02 U
1,2,4-Trimethylbenzene	--	*8.5*	*0.6*	*8.4*	*0.64*	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	--	*1.3*	0.5 U	*1.2*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Acetate	--	0.5 U	NA	0.5 U	NA	0.5 U	NA	0.5 U	NA
o-Xylene	14,000 (total)	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-Xylene	14,000 (total)	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Total Petroleum Hydrocarbons (TPH)									
TPH-DRO	50	***570***	***301***	***572***	***294***	50 U	50 U	50 U	50 U
TPH-GRO	50	***324***	***152***	***308***	***171***	NS	NS	NS	NS

[1] For groundwater VOCs, Regulatory Criteria values are "Maximum Exposure Guidelines (MEGs) for Drinking Water" (MEDEP, January 20, 2000).

Values shown in *Italics* indicate that the compound was detected, but at a concentration below its MEG.
Values shown in ***BOLD*** indicate that the compound was detected above its respective MEG.
U = Not detected at associated reporting limit.
J = Concentration is estimated due to detection below quantitation limit.
NS = Not Sampled.
NA = Not Analyzed.

There were no detections of TPH-DRO at this location, and there were no detections of TPH-DRO or TPH-GRO in the samples collected from monitoring wells MW-01, MW-02, and MW-04.

A summary of the VOC, TPH-DRO, and TPH-GRO analytical results, including regulatory and laboratory reporting limits, are presented in Table 3-4. The laboratory data report for the groundwater samples collected in May 2001 and analyzed by AEL is included as Appendix D.

3.4 DRINKING WATER SAMPLING AND ANALYSIS

3.4.1 October 2000

The analytical results of the drinking water sample collected from the AMAC water supply well in October 2000 indicates the presence of two VOCs at concentrations below MEDEP current MEGs (MEDEP, 2000). The compounds cis-1-2-dichloroethene (cis-1-2-DCE) and TCE were detected at concentrations of 2.8 μg/L and 5.7 μg/L, respectively (AEL, 2000). The MEDEP MEGs for these compounds are 70 μg/L for cis-1-2-DCE and 32 μg/L for TCE (MEDEP, 2000). There were no detections of TPH-DRO in the AMAC well sample, and no detections of VOCs or TPH-DRO in the sample collected from the VFW well (AEL, 2000). A summary of the analytical results of the drinking water samples collected in October 2000 is presented in Table 3-4.

3.4.2 May 2001

The analytical results of the drinking water sample collected from the AMAC water supply well in May 2001 also indicate the presence of cis-1-2-DCE and TCE. During this sampling round, these compounds were detected at concentrations of 2.0 μg/L and 4.5 μg/L, respectively (AEL, 2000). These concentrations are below the MEDEP MEGs of 70 μg/L for cis-1-2-DCE and 32 μg/L for TCE (MEDEP, 2000). There were no detections of TPH-DRO in the AMAC well sample, and no detections of VOCs or TPH-DRO in the sample collected from the VFW well (AEL, 2000). A summary of the analytical results of the drinking water samples collected in October 2000 is presented in Table 3-4.

SECTION 4

CONCLUSIONS AND RECOMMENDATIONS

4. CONCLUSIONS AND RECOMMENDATIONS

4.1 INTRODUCTION

The following section presents WESTON's conclusions and recommendations based on the results of the supplemental Geoprobe soil boring investigation, the bedrock monitoring well installations, and the soil and groundwater sampling and analysis at the Nike LO-58 property. The analytical results of the groundwater and drinking water samples collected by WESTON were compared with the Maximum Exposure Guidelines (MEG) for Drinking Water, as issued by the Bureau of Health, Maine Department of Human Services on 20 January 2000. Analytical results of soil samples collected by WESTON and analyzed for VOCs were compared with the "Residential Guideline" and "Groundwater Guideline" scenarios presented in the MEDEP's Procedural Guidelines For Establishing Standards for the Remediation of Oil Contaminated Soil and Groundwater in Maine, approved 11 January 1995 and revised on 13 March 2000. The results were also evaluated in accordance with the Cleanup Goals outlined in the MEDEP's Decision Tree for Establishing Action Levels and Cleanup Goals for Oil-Contaminated Sites. After following the decision tree criteria provided in this guideline, the Stringent Cleanup Standards were used in order to establish the most conservative approach possible in assessing any potential impact to human health or the environment.

4.2 CONCLUSIONS

Based on the results of the site investigation conducted by WESTON in October 1999 and the supplemental site investigation activities conducted by WESTON in October 2000 and May 2001, the following conclusions have been reached:

- *No source areas of the chlorinated solvents detected in the AMAC drinking water supply well have been detected in overburden soils at the Site.* The analytical results of soil samples collected at the Site in October 1999 indicate the presence of TCE in only 2 of 17 samples collected. This compound was detected in samples SB-13 and SB-34 at concentrations of 1.1 and 9.0 µg/kg, respectively. The MEDEP "Groundwater Guideline" for this substance is 600 µg/kg. No chlorinated solvents were detected in 18 additional soil samples collected from the Site in October 2000.

- *Several areas exist where TPH-DRO has been detected in overburden soils at concentrations that meet or exceed the Cleanup Goal of 10 mg/kg.* The analytical results of soil samples collected at the Site in October 1999 indicate the presence of TPH-DRO in samples SB-09 and SB-13 at concentrations of 10 J mg/kg and 36 mg/kg, respectively. The analytical results of soil samples collected at the Site in October 2000 indicate the presence of TPH-DRO in samples SB-45, SB-54, and SB-55 at concentrations of 11, 24, and 133 mg/kg, respectively.

- *TPH-DRO and TPH-GRO were detected in groundwater at the Site at concentrations that exceed MEDEP MEGs.* The analytical results of samples collected from monitoring well MW-05 in October 2000 and May 2001 indicate the presence of TPH-DRO and TPH-GRO at concentrations as high as 572 µg/L and 324 µg/L, respectively. The MEDEP MEG for each of these substances is 50 µg/L. This location is also where TPH-DRO was detected in soil at a concentration of 11 µg/kg in corresponding soil boring sample SB-45. In May 2001, TPH-GRO was also detected in well MW-03 at a concentration of 68 µg/L.

- *TPH-DRO has not been detected in the on-site water supply wells.* There were no detections of TPH-DRO above the laboratory reporting limit of 50 µg/L in samples collected from the AMAC or VFW wells in October 2000 or March 2001. Samples collected from these wells were not analyzed for TPH-GRO during this investigation.

- *VOCs were detected in groundwater at the Site, but at concentrations below MEDEP MEGs.* Samples collected from well MW-05 between October 2000 and May 2001 indicate the presence of TCE, sec-butylbenzene, tert-butylbenzene, ethylbenzene, isopropylbenzene, p-isopropyltoluene, naphthalene, n-propylbenzene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene. MTBE was also detected in well MW-03 at an estimated concentration of 0.46 µg/L. None of these compounds were detected at concentrations that exceed current MEDEP MEGs.

- *VOCs were detected in the AMAC drinking water supply well, but at concentrations below MEDEP MEGs.* The analytical results of drinking water sample DW-01 collected from the AMAC well in October 2000 and May 2001 indicate the presence of TCE and cis-1,2-DCE. There were no detections of VOCs in samples collected from the water supply well at the Lister-Knowlton VFW building.

- *The general direction of groundwater across the Site is to the north and west.* Groundwater in the bedrock water-bearing zone flows in a radial pattern from the topographic high at the Site and towards the surrounding lowlands. In the portion of the property that contains the former Launch Area and associated buildings, the direction of groundwater flow is to the north and west, from the former launch pad and towards the former Generator, Missile Assembly & Test, and Warhead buildings.

- *WESTON concludes that no further action is warranted to locate source areas of VOC or TPH contamination in on-site overburden soils.* WESTON considers the number of soil samples collected to date sufficient enough to characterize the nature and extent of these substances at the property. Whereas a total of 56 soil borings were installed at the property that targeted the most likely source areas, including those identified during the passive soil-gas survey, a comprehensive evaluation of site soils was accomplished. Although TPH-DRO was detected in soil samples at concentrations that exceed the 10 mg/kg Cleanup Goal, the absence of TPH-DRO in the on-site drinking water supply wells and distance to any other potential downgradient receptors indicates that these concentrations do not currently pose a risk to human health or the environment. Therefore, continued monitoring of groundwater quality at the Site is recommended to assess whether or not a remedial action is required in accordance with MEDEP regulations.

4.3 RECOMMENDATIONS

WESTON recommends the continued monitoring of the five bedrock monitoring wells and two on-site drinking water supply wells. The collection of the samples is recommended to evaluate the nature and extent of impact of fuel-related substances on the bedrock water-bearing zone. The collection of groundwater samples from the bedrock monitoring wells should be conducted on a twice a year basis (spring and fall) for a period of two years, and submitted for laboratory analysis of VOCs by EPA Methods 524.2 and 504.1; TPH-DRO by Maine Method 4.1.25; and TPH-GRO by Maine Method 4.2.17. After the two-year period has elapsed, the sampling data from the bedrock monitoring wells should be re-evaluated to determine if a change in the monitoring program is warranted.

As stated in the WESTON 2000 PSI Report, the collection of the drinking water samples should be conducted on a twice a year basis (spring and fall) for a period of two years, and submitted for laboratory analysis of VOCs by EPA Methods 524.2 and 504.1, and TPH-DRO by Maine Method 4.1.25. However, WESTON also recommends that TPH-GRO by Maine Method 4.2.17 be added to the list of analyses due to the elevated concentrations of TPH-GRO detected in on-site soil and groundwater. To date, no analyses of TPH-GRO have been conducted on samples collected from the two on-site water supply wells. After the two-year period has elapsed, the sampling data from the on-site water supply wells should be re-evaluated to determine if a change in the monitoring program is warranted.

SECTION 5

REFERENCES

5. REFERENCES

AEL (Analytics Environmental Laboratory, LLC). 2000-2001. Analytical data report numbers 44364, 44471, and 45384. November 2000 – June 2001.

Bender, Donald. 1998. Administrator of *The New Jersey Nike Missile Site Survey*, a historical project by Bender Associates (http://alpha.fdu.edu/~bender/nike.html). Email correspondence with Mr. John Hagopian (WESTON); Re: Environmental problems associated with Nike Launcher/Control Sites. October 21.

Bureau of Health, Maine Department of Human Services. 2000. Maximum Exposure Guidelines (MEG) for Drinking Water. January 20.

CENAE (U.S. Army Corps of Engineers, New England District). September, 1998. *Addendum to the Statement of Work for Preliminary Site Investigation at Former Loring A.F.B. Defense Area Nike Battery L-58 Launch Area, Caribou, Maine. DERP-FUDS Site No. D001ME007702.* Prepared by the U.S. Army Corps of Engineers, New England District (CENAE) on June 6, 2000 and revised on June 13, 2000.

MEDEP (Maine Department of Environmental Protection). 1998. Email correspondence from Mr. Wilkes Harper, Maine Department of Environmental Protection (MEDEP), to Ms. Beverly Lawrence (CENAE), Re: Historical information and previous work at the LO-58 Launch Site in Caribou, Maine. August 14.

MEDEP. 1995. *Procedural Guidelines For Establishing Standards of the Remediation of Oil Contaminated Soil and Groundwater in Maine.* State of Maine, Department of Environmental Protection and Department of Human Services. January 11. Revised March 13, 2000.

MEDEP. 1998. *Remedial Action Guidelines for Contaminated Soil, Direct Contact Guidelines.* Bureau of Health – Environmental Toxicology Program, Department of Human Services. Revised June 1, 1998. Obtained from MEDEP Internet Website on June 8, 1999.

U.S. Army. 1999. *Army Technical Manual 9-1970-2, Section III.* Re: Liquid Propellants for Nikes Missiles. Received by WESTON from U.S. Army Colonel (retired) M.B. "Bud" Halsey, Nike Missile Site SF-88, Golden Gate National Recreation Area, National Park Service, San Francisco, California.

U.S. Army. 1999. *Redstone Arsenal Historical Information, "The Nike Site".* From the Internet World Wide Website www.redstone.army.mil/history/welcome.html. January.

USGS (U.S. Geology Service). 1953. Caribou, Maine Quadrangle Map (topographic). United States Geological Survey. Scale = 1:62,500.

WESTON (Roy F. Weston, Inc.). 1999-2001. Logbook of on-site activities.

WESTON. 1998. Conversation with Mr. Wilkes Harper (MEDEP), Re: Results of drinking water sampling and analysis at the former Nike LO-58 property in Caribou, Maine. Site reconnaissance of property on October 13.

WESTON. 2000. *"Final Preliminary Site Investigation Report, Preliminary Site Investigation at the Former Loring AFB Defense Area, Nike LO-58 Launch Area, Caribou, Maine".* Contract No. DACA31-96-D-0006, Task Order 18, DCN: NIKE-062800-AABA. June 28.

APPENDIX A

WELL CONSTRUCTION LOGS

MANAGERS DESIGNERS/CONSULTANTS

Date Drilled: 10/04/00 - 10/04/00	
Logged By: K. Taylor	Project Manager:
Contractor: Michaud Drilling	
Drilling Method: Air Hammer	
Site Id: MW-1 / Project Number: 10971.218.001	Total Depth: 142.00' / Completed Depth: 141.00'
Project Name: LO-58	Borehole Dia.: 8.00in / Static Water Level:
Location: Caribou, Maine	
Ground Elev.: 0.00' / Datum:	

Annular Fill:

type: Backfill	fm: 0.00'	to: 127.00'
type: Bentonite Chips	fm: 127.00'	to: 129.00'
type: #0 Silica Sand	fm: 129.00'	to: 142.00'
type:	fm:	to:
type:	fm:	to:

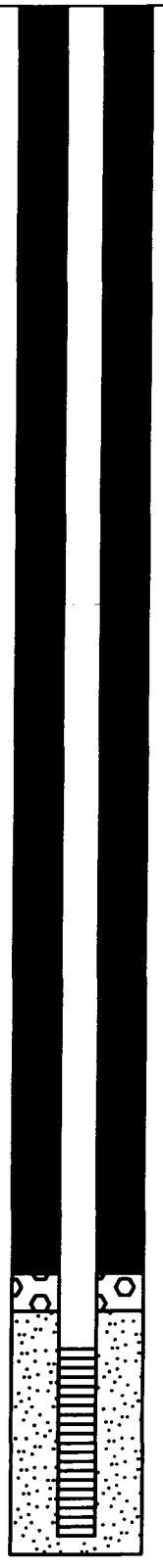
Blank Casing: type: PVC dia: 2.00in fm: -2.0' to: 131.00'

Screens: type: Slotted size: 0.010india: 2.00in fm: 131.00' to: 141.00'

Remarks:

Depth (ft)	Well Construction	Water Level	Recovery	Sample No.	Blow Count	Vapor	Material Description	Notes
0	MP. EL. 0.00						For lithology see soil boring SB-41.	
5								
10								
15								
20								
25								
30								
35								
40								
45								
50								
55								

Site Id: MW-1	Project Number: 10971.218.001	Project Name: LO-58

Depth (ft)	Well Construction	Water Level	Recovery	Sample No.	Blow Count	Vapor	Material Description	Notes
65								
70								
75								
80								
85								
90								
95								
100								
105								
110								
115								
120								
125								
130								
135								
140								
145								

WESTON
MANAGERS DESIGNERS/CONSULTANTS

Date Drilled: 10/03/00 – 10/04/00	
Logged By: K. Taylor	Project Manager:
Contractor: Michaud Drilling	
Drilling Method: Air Hammer	
Site Id: MW-2	Project Number: 10971.218.001
Total Depth: 62.00'	Completed Depth: 60.00'
Project Name: LO-58	Borehole Dia.: 8.00in
Static Water Level:	
Location: Caribou, Maine	
Ground Elev.: 0.00'	Datum:

Blank Casing:
type: PVC dia: 2.00in fm: -2.0' to: 50.00'

Screens:
type: Slotted size: 0.010india: 2.00in fm: 50.00' to: 60.00'

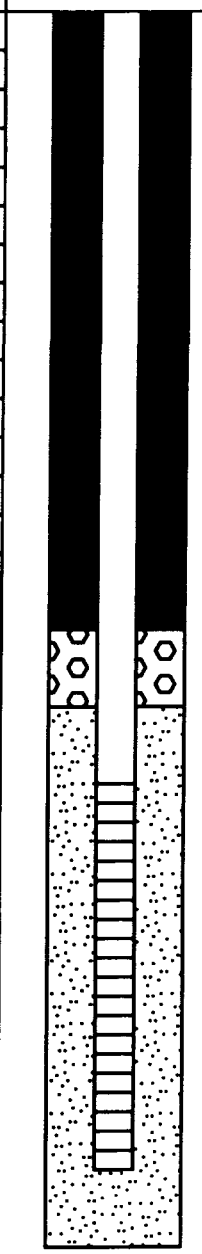
Annular Fill:

type: Backfill	fm: 0.00'	to: 46.00'
type: Bentonite Chips	fm: 46.00'	to: 48.00'
type: #0 Silica Sand	fm: 48.00'	to: 62.00'
type:	fm:	to:
type:	fm:	to:

Remarks:

Depth (ft)	Well Construction	Water Level	Recovery	Sample No.	Blow Count	Vapor	Material Description	Notes
5, 10, 15, 20, 25	MP. EL. 0.00						For lithology see soil boring SB-42.	

Site Id: MW-2	Project Number: 10971.218.001	Project Name: LO-58

Depth (ft)	Well Construction	Water Level	Recovery	Sample No.	Blow Count	Vapor	Material Description	Notes
35								
40								
45								
50								
55								
60								
65								
70								

WESTON
MANAGERS DESIGNERS/CONSULTANTS

Date Drilled: 10/04/00 – 10/04/00	
Logged By: K. Taylor	Project Manager:
Contractor: Michaud Drilling	
Drilling Method: Air Hammer	
Site Id: MW-3	Project Number: 10971.218.001
Total Depth: 47.00'	Completed Depth: 46.00'
Project Name: LO-58	Borehole Dia.: 8.00in
Static Water Level:	
Location: Caribou, Maine	
Ground Elev.: 0.00'	Datum:

Blank Casing:
type: PVC dia: 2.00in fm: -2.0' to: 36.00'

Screens:
type: Slotted size: 0.010india: 2.00in fm: 36.00' to: 46.00'

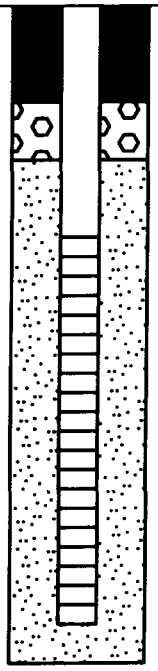
Remarks:

Annular Fill:

type: Backfill	fm: 0.00'	to: 32.50'
type: Bentonite Chips	fm: 32.50'	to: 34.00'
type: #0 Silica Sand	fm: 34.00'	to: 47.00'
type:	fm:	to:
type:	fm:	to:

Depth (ft)	Well Construction	Water Level	Recovery	Sample No.	Blow Count	Vapor	Material Description	Notes
	MP. EL. 0.00						For lithology see soil boring SB-52.	
5								
10								
15								
20								
25								

Site Id: MW-3	Project Number: 10971.218.001	Project Name: LO-58

Depth (ft)	Well Construction	Water Level	Recovery	Sample No.	Blow Count	Vapor	Material Description	Notes
35								
40								
45								
50								
55								
60								
65								
70								

WESTON
MANAGERS DESIGNERS/CONSULTANTS

Date Drilled: 10/03/00 - 10/04/00	
Logged By: K. Taylor	Project Manager:
Contractor: Michaud Drilling	
Drilling Method: Air Hammer	
Site Id: MW-4	Project Number: 10971.218.001
Total Depth: 82.00'	Completed Depth: 80.00'
Project Name: LO-58	Borehole Dia.: 8.00in
Static Water Level:	
Location: Caribou, Maine	
Ground Elev.: 0.00'	Datum:

Blank Casing:
type: PVC dia: 2.00in fm: -3.0' to: 70.00'

Screens:
type: Slotted size: 0.010india: 2.00in fm: 70.00' to: 80.00'

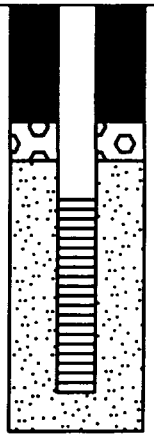
Annular Fill:

type: Backfill	fm: 0.00'	to: 66.00'
type: Bentonite Chips	fm: 66.00'	to: 68.00'
type: #0 Silica Sand	fm: 68.00'	to: 82.00'
type:	fm:	to:
type:	fm:	to:

Remarks:

Depth (ft)	Well Construction	Water Level	Recovery	Sample No.	Blow Count	Vapor	Material Description	Notes
5 10 15 20 25 30 35 40 45 50 55	MP. EL. 0.00						For lithology see soil boring SB-56.	

Site Id: MW-4	Project Number: 10971.218.001	Project Name: LO-58

Depth (ft)	Well Construction	Water Level	Recovery	Sample No.	Blow Count	Vapor	Material Description	Notes
65								
70								
75								
80								
85								
90								
95								
100								
105								
110								
115								
120								
125								
130								
135								
140								
145								

WESTON
MANAGERS DESIGNERS/CONSULTANTS

Date Drilled: 10/03/00 – 10/04/00	
Logged By: K. Taylor	Project Manager:
Contractor: Michaud Drilling	
Drilling Method: Air Hammer	
Site Id: MW-5	Project Number: 10971.218.001
Total Depth: 82.00'	Completed Depth: 80.00'
Project Name: LO-58	Borehole Dia.: 8.00in
Static Water Level:	
Location: Caribou, Maine	
Ground Elev.: 0.00'	Datum:

Blank Casing:
type: PVC dia: 2.00in fm: 0.0' to: 70.00'

Screens:
type: Slotted size: 0.010india: 2.00in fm: 70.00' to: 80.00'

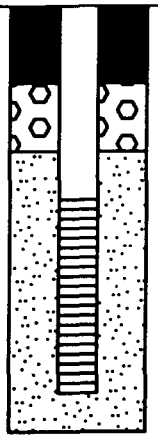
Annular Fill:

type: Backfill	fm: 0.50'	to: 64.00'
type: Bentonite Chips	fm: 64.00'	to: 67.50'
type: #0 Silica Sand	fm: 67.50'	to: 82.00'
type:	fm:	to:
type:	fm:	to:

Remarks:

Depth (ft)	Well Construction	Water Level	Recovery	Sample No.	Blow Count	Vapor	Material Description	Notes
5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55	MP. EL. 0.00						For lithology see soil boring SB-45.	

Site Id: MW-5	Project Number: 10971.218.001	Project Name: LO-58

Depth (ft)	Well Construction	Water Level	Recovery	Sample No.	Blow Count	Vapor	Material Description	Notes
65								
70								
75								
80								
85								
90								
95								
100								
105								
110								
115								
120								
125								
130								
135								
140								
145								

APPENDIX B

FIELD WATER QUALITY MEASUREMENT FORMS

New contact
Peter Miesburger

WELL PURGING - FIELD WATER QUALITY MEASUREMENTS FORM

LO-58 Launch Area
Caribou, Maine

Location (Site/Facility Name): LO-58 Launch Area, Caribou, ME
Well Number MW-1 Date 5/16/01
Field Personnel: Kathleen Taylor
Sampling Organization WESTON
Identify MP TOC

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device: 2" Grundfos pump

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate L/min (~~ml/min~~)	Cum. Volume Purged (liters)	Temp. (C) (3%)	Specific Conduc.[2] (uS/cm) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
0640	32.55		2								
0645	32.65		2		7.94	359	7.61	294	6.53	2.1	
0650	32.65		2		7.97	348	7.31	295	4.94	2.6	
0655	32.65		2		7.99	362	7.35	296	6.49	1.6	
0700	32.65		2		8.03	342	7.41	298	8.54	1.2	
0705	32.65		2		8.08	336	7.43	276	9.56	1.9	
0710	32.65		2		8.26	336	7.41	247	9.37	1.6	
0715	32.65		2		8.33	335	7.41	243	9.41	1.8	
0720	32.65		2		8.38	332	7.42	240	9.43	1.6	
0725	32.65		2		8.42	331	7.42	236	9.45	1.5	

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

g:\projects\11606001\004\wellpar.xls

VOC 524.2 + 504.1
DRO
GRO
pH

@ 0730 + MS/MSD
(Not on 504.1)

WELL PURGING - FIELD WATER QUALITY MEASUREMENTS FORM
LO-58 Launch Area
Caribou, Maine

Location (Site/Facility Name): LO-58 Launch Area, Caribou, ME
Well Number MW-2 Date 5/15/08
Field Personnel: Kathleen Taylor
Sampling Organization WESTON
Identify MP TIC

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device: 2" Grundfos pump

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Cum. Volume Purged (liters)	Temp. (C) (3%)	Specific Conduc.[2] (uS/cm) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
1400	37.7		100	———							
1415	37.9		1000		8.47	531	7.22	287	8.54	12.1	
1420	37.8		1000		8.54	528	7.26	282	8.03	6.2	
1425	37.8		1000		8.53	523	7.28	282	7.90	8.1	
1430	37.8		1000		8.52	521	7.28	284	7.71	8.6	
1435	37.9		1000		8.51	519	7.28	284	7.63	7.5	
1440	37.8		1000		8.51	517	7.28	286	7.57	7.4	
1445	37.8		1000		8.48	516	7.28	287	7.55	6.8	

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

VOC 524.2+504.1 Sampled @ 1445
DRO
GRO

WELL PURGING - FIELD WATER QUALITY MEASUREMENTS FORM
LO-58 Launch Area
Caribou, Maine

Location (Site/Facility Name): LO-58 Launch Area, Caribou, ME
Well Number MW-3 Date 5/15/01
Field Personnel: Kathleen Taylor
Sampling Organization WESTON
Identify MP TIC

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft below MP) _____
Purging Device: 2" Grundfos pump

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Cum. Volume Purged (liters)	Temp. (C) (3%)	Specific Conduc.[2] (uS/cm) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
1245	24.18		100								
1250	24.32		100		7.60	387	7.50	242	9.91	190.	
1255	24.32		100		7.75	392	7.39	247	9.50	120	
1300	24.32				7.80	395	7.37	257	9.23	86	
1305	24.32				7.88	395	7.36	263	8.94	32	
1310	24.32				7.90	394	7.34	268	8.64	29	
1315	24.32				7.92	393	7.34	269	8.60	24.1	still a slight bit
1320	24.32		100		7.93	392	7.33	272	8.56	23.2	cloudy, but stable
											turbidity

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

VOC 524.2 + 504.1
GRO
DRO
Sum

WELL PURGING - FIELD WATER QUALITY MEASUREMENTS FORM
LO-58 Launch Area
Caribou, Maine

Location (Site/Facility Name): LO-58 Launch Area, Caribou, ME
Well Number MW-4 Date 5/15/07
Field Personnel: Kathleen Taylor
Sampling Organization WESTON
Identify MP TIC

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device: 2" Grundfos pump

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Cum. Volume Purged (liters)	Temp. (C) (3%)	Specific Conduc.[2] (uS/cm) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
1530	47.10		100								
1540	47.40		100		7.95	488	7.33	298	10.57	9.6	
1545	47.46		100		8.06	485	7.32	288	10.25	8.2	
1550	47.40		1000		8.07	481	7.32	275	9.91	6.8	
1555	47.40		100		7.99	477	7.32	272	9.74	6.5	
1600	47.40		100		7.98	475	7.31	270	9.74	6.4	
1605	47.40		100		7.96	472	7.31	271	9.68	5.8	
1610	47.40		100		7.95	472	7.31	269	9.65	5.2	

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

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Sampled @ 1610

VOC 524.2 + 504.1
DRO
GRO

WELL PURGING - FIELD WATER QUALITY MEASUREMENTS FORM
LO-58 Launch Area
Caribou, Maine

Location (Site/Facility Name): LO-58 Launch Area, Caribou, ME
Well Number MW-5 Date 5/16/01
Field Personnel: Kathleen Taylor
Sampling Organization WESTON
Identify MP TOC

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device: 2" Grundfos pump

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Cum. Volume Purged (liters)	Temp. (C) (3%)	Specific Conduc.[2] (uS/cm) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
0750	29.60		100								
0800	31.50		100		7.104	549	7.04	116.9	0.47	3.2	
0805	31.50		100		8.22	560	7.00	-1.7	0.28	2.1	
0810	31.50		100		8.24	555	7.00	-7.1	0.24	1.9	
0815	31.60		100		8.52	558	7.00	-12	0.24	1.6	
0820	31.60		100		8.64	559	7.00	-17	0.24	1.5	
0830	31.60		100		8.68	559	7.00	-19	0.23	1.4	
0835	31.60		100		8.72	559	7.00	-18	0.20	1.5	
0840	31.60		100		8.75	559	7.00	-18	0.19	1.3	

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

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sample @ 0845
VOC 524.2 + 504.1
DRO
+ DUP of 524.2, GRO, DRO
QA03

WELL PURGING - FIELD WATER QUALITY MEASUREMENTS FORM
LO-58 Launch Area
Caribou, Maine

Location (Site/Facility Name): LO-58 Launch Area, Caribou, ME
Well Number DW A MAC Date 5/15/07
Field Personnel: Kathleen Taylor
Sampling Organization WESTON
Identify MP NA

Depth to ____/____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device: 2" Grundfos pump

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Cum. Volume Purged (liters)	Temp. (C) (3%)	Specific Conduc.[2] (uS/cm) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
1330	—			10 gal	8.25	422	7.26	306	7.86	12.8	

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

DRO + VOC 524.2

sampled @ 1330

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WELL PURGING - FIELD WATER QUALITY MEASUREMENTS FORM
LO-58 Launch Area
Caribou, Maine

Location (Site/Facility Name): LO-58 Launch Area, Caribou, ME
Well Number DW VFW Date 9/15/01
Field Personnel: Kathleen Taylor
Sampling Organization WESTON
Identify MP

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device:

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Cum. Volume Purged ~~(liters)~~	Temp. (C) (3%)	Specific Conduc.[2] (uS/cm) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
1515	—			10 gal	12.8	471	7.62	324	10.2	10.8	

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

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DRO + VOC 824.2
sampled @ 1515

WELL PURGING - FIELD WATER QUALITY MEASUREMENTS FORM
LO-58 Launch Area
Caribou, Maine

Location (Site/Facility Name): LO-58 Launch Area, Caribou, ME
Well Number_____ Date_____
Field Personnel: Kathleen Taylor
Sampling Organization WESTON
Identify MP_____

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device:

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Cum. Volume Purged (liters)	Temp. (C) (3%)	Specific Conduc.[2] (uS/cm) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

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WELL PURGING - FIELD WATER QUALITY MEASUREMENTS FORM
LO-58 Launch Area
Caribou, Maine

Location (Site/Facility Name) LO-58 Launch Area, Caribou, ME
Well Number MW-1 Date 10/27/a
Field Personnel Taylor
Sampling Organization WESTON
Identify MP TOC

Depth to ____/____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP) ____
Purging Device; (pump type) 2" grundfos pump

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate ~~(ml/min)~~ L/min	Cum. Volume Purged (liters)	Temp. (C) (3%)	Specific Conduc.[2] (uS/cm) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
0645	36.50		2 1/2 L/min								
0655	36.85				7.48	413	7.44	317	12.13	12.80	
0700	36.85				7.57	415	7.42	321	11.41	420	clouded up
0705	36.85				7.57	408	7.49	320	11.73	48	
0710	36.85				7.57	405	7.52	322	11.89	29	
0715	36.85				7.58	404	7.55	323	11.96	26	
0720	36.85				7.58	404	7.55	327	11.99	24	water clear, but maybe particulates present
0725	36.85				7.59	404	7.55	322	12.10	18	
0730	36.85				7.59	404	7.55	322	12.08	22	

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

Purge @ 0730

Sampled @ 0730

WELL PURGING - FIELD WATER QUALITY MEASUREMENTS FORM
LO-58 Launch Area
Caribou, Maine

Location (Site/Facility Name) LO-58 Launch Area, Caribou, ME
Well Number MW-2 Date 10/26/00
Field Personnel Taylor
Sampling Organization WESTON
Identify MP TOC

Depth to ____/____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP) ____
Purging Device; (pump type) ground fed 2"

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate L/min (~~ml/min~~)	Cum. Volume Purged (liters)	Temp. (C) (3%)	Specific Conduc.[2] (uS/cm) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
1250	41.42		2½ L/min								
1300	41.60				8.38	599	7.46	148	8.52	760	
1305	41.60				8.50	613	7.39	162	8.35	12.8	
1310	41.60				8.52	614	7.38	165	8.25	10.9	OVM = 0 ppm
1315	41.60		2½ L/min		8.55	618	7.38	182	8.14	4.6	
1320	41.60				8.62	619	7.38	192	8.23	5.2	
1325	41.60				8.58	621	7.38	195	8.18	4.9	
1330	41.60				8.60	621	7.38	199	8.14	6.1	OVM = 0 ppm

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

Sampled @ 1330

WELL PURGING - FIELD WATER QUALITY MEASUREMENTS FORM
LO-58 Launch Area
Caribou, Maine

Location (Site/Facility Name) LO-58 Launch Area, Caribou, ME
Well Number MW-03 Date 10/26/00
Field Personnel Teyler
Sampling Organization WESTON
Identify MP TOC

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP)_____
Purging Device; (pump type) 2" grundfos

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Cum. Volume Purged (liters)	Temp. (C) (3%)	Specific Conduc.[2] (uS/cm) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
1450	28.25										
1500	28.60				7.93	512	7.33	322	9.48	560	
1505	28.60				7.66	512	7.35	308	7.29	480	(SL. cloudy - brownish)
1510	28.60				7.59	513	7.34	306	7.16	350	
1515	28.60				7.58	514	7.36	302	7.09	21.2	
1520	28.60				7.57	514	7.37	298	6.98	10.6	
1525	28.60				7.55	513	7.37	298	6.95	9.8	OVM=0ppm
1530	28.60				7.55	515	7.37	298	6.94	8.8	
1535	28.60				7.55	515	7.37	298	6.94	9.2	
1540	28.60				7.55	513	7.36	298	6.93	8.6	OVM=0ppm

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

sampled @ 1540

WELL PURGING - FIELD WATER QUALITY MEASUREMENTS FORM
LO-58 Launch Area
Caribou, Maine

Location (Site/Facility Name) LO-58 Launch Area, Caribou, ME
Well Number MW-04 Date 10/26/00
Field Personnel Taylor
Sampling Organization WESTON
Identify MP TOC

Depth to ____/____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP) ____
Purging Device; (pump type) 2" grundfos

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate 4/min (gal/min)	Cum. Volume Purged (liters)	Temp. (C) (3%)	Specific Conduc.[2] (uS/cm) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
1350	52.14		2½ 4m								
1400	52.48		↓		8.25	664	7.53	251	8.60	112	(sl. cloudy)
1405	52.48		2½ 4/min		8.17	663	7.35	256	8.34	86.1	
1410	52.48				8.10	660	7.34	259	8.36	52.8	ORM = 60ppM
1415	52.46				8.09	659	7.33	262	8.22	32.1	
1420	52.46				8.11	658	7.33	263	8.30	29.2	
1425	52.48				8.10	657	7.33	264	8.28	25.6	still sl. sl. cloudy but stable
1430	52.48				8.10	657	7.33	265	8.26	26.1	

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

sampled @ 1430
+ MS/MSD

VOC 5249.2 TB = QA01

GNO TB = QA02

WELL PURGING - FIELD WATER QUALITY MEASUREMENTS FORM

LO-58 Launch Area

Caribou, Maine

Location (Site/Facility Name) LO-58 Launch Area, Caribou, ME

Well Number MW-5 Date 10/26/00

Field Personnel Taylor

Sampling Organization WESTON

Identify MP TC

Depth to ____/____ of screen (below MP) top bottom

Pump Intake at (ft. below MP) ____

Purging Device; (pump type) grundfos 2"

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate ~~(ml/min)~~	Cum. Volume Purged (liters)	Temp. (C) (3%)	Specific Conduc.[2] (uS/cm) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%)	Comments
1130	33.56		1 Lit/min								Initially dropped off due to grundfos pump Start → then WL Stabilized.
1135	36.00		1 L/min		9.00	725	6.74	154	3.70	85.2	
1140	36.55				8.92	712	6.98	-5.3	1.16	26.2	
1145	36.48				9.17	706	7.02	-29	1.01	18.2	
1150	36.45				9.18	703	7.03	-35	1.23	12.6	
1155	36.45				9.19	704	7.04	-38	1.15	10.1	
1200	36.45				9.18	693	7.05	-45	1.10	9.8	OVM = 4.8 ppm
1205	36.45				9.18	693	7.05	-47	1.10	9.8	
1210	36.45				9.17	692	7.05	-48	1.02	5.1	
1215	36.45				9.18	691	7.06	-49	1.16	4.9	OVM = 4.2 ppm

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. uSiemens per cm (same as umhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

sampled @ 1215 + QA (QA03) + Dup

DWAMAE @1245

APPENDIX C

AEL LABORATORY DATA SHEETS: SOIL SAMPLES

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
analytics@analyticslab.com

Mr. James Ricker
Roy F. Weston, Inc.
1 Wall Street
Manchester NH 03101-1501

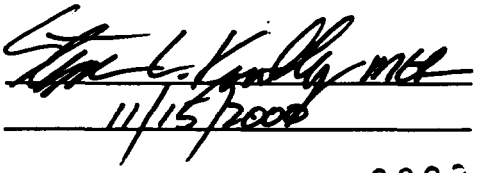
Re: LO-58 (caribou, ME) **10971-218-001-0015**

Enclosed are the results of the analyses on your sample(s). Please see individual reports for specific methodologies and references. Samples were received in acceptable condition, with the exceptions noted on the chain of custody.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Lab Number	Sample Date	Station Location	Analysis	Comments
44364-1	10/02/00	QC01-100200	EPA 8260 Volatile Organics	
	10/02/00	QC01-100200	Maine HETL Method 4.2.17	
44364-2	10/02/00	SB41-100200	EPA 8260 Volatile Organics	
	10/02/00	SB41-100200	Maine HETL Method 4.1.25	
	10/02/00	SB41-100200	Maine HETL Method 4.2.17	
44364-3	10/02/00	SB43-100200	EPA 8260 Volatile Organics	
	10/02/00	SB43-100200	Maine HETL Method 4.1.25	
	10/02/00	SB43-100200	Maine HETL Method 4.2.17	
44364-4	10/02/00	SB45-100200	EPA 8260 Volatile Organics	
	10/02/00	SB45-100200	Maine HETL Method 4.1.25	
	10/02/00	SB45-100200	Maine HETL Method 4.2.17	
44364-5	10/02/00	SB49-100200	EPA 8260 Volatile Organics	
	10/02/00	SB49-100200	Maine HETL Method 4.1.25	
	10/02/00	SB49-100200	Maine HETL Method 4.2.17	
44364-6	10/03/00	SB52-100300	EPA 8260 Volatile Organics	
	10/03/00	SB52-100300	Maine HETL Method 4.1.25	
	10/03/00	SB52-100300	Maine HETL Method 4.2.17	
44364-7	10/03/00	SB50-100300	EPA 8260 Volatile Organics	
	10/03/00	SB50-100300	Maine HETL Method 4.1.25	
	10/03/00	SB50-100300	Maine HETL Method 4.2.17	

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, and Massachusetts. A list of actual certified tests is available upon request.

Authorized signature 

Date 11/15/2000

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
analytics@analyticslab.com

Mr. James Ricker
Roy F. Weston, Inc.
1 Wall Street
Manchester NH 03101-1501

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Lab Number	Sample Date	Station Location	Analysis	Comments
44364-8	10/03/00	SB51-100300	EPA 8260 Volatile Organics	
	10/03/00	SB51-100300	Maine HETL Method 4.1.25	
	10/03/00	SB51-100300	Maine HETL Method 4.2.17	
44364-9	10/03/00	SB47-100300	EPA 8260 Volatile Organics	
	10/03/00	SB47-100300	Maine HETL Method 4.1.25	
	10/03/00	SB47-100300	Maine HETL Method 4.2.17	
44364-10	10/02/00	QC02-100200	EPA 8260 Volatile Organics	
	10/02/00	QC02-100200	Maine HETL Method 4.1.25	
	10/02/00	QC02-100200	Maine HETL Method 4.2.17	
44364-11	10/03/00	SB46-100300	EPA 8260 Volatile Organics	
	10/03/00	SB46-100300	Maine HETL Method 4.1.25	
	10/03/00	SB46-100300	Maine HETL Method 4.2.17	
44364-12	10/03/00	SB48-100300	EPA 8260 Volatile Organics	
	10/03/00	SB48-100300	Maine HETL Method 4.1.25	
	10/03/00	SB48-100300	Maine HETL Method 4.2.17	
44364-13	10/03/00	SB56-100300	EPA 8260 Volatile Organics	
	10/03/00	SB56-100300	Maine HETL Method 4.1.25	
	10/03/00	SB56-100300	Maine HETL Method 4.2.17	
44364-14	10/03/00	SB42-100300	EPA 8260 Volatile Organics	
	10/03/00	SB42-100300	Maine HETL Method 4.1.25	

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, and Massachusetts. A list of actual certified tests is available upon request.

Authorized signature

Date 11/15/2000

analytics environmental laboratory LLC

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Mr. James Ricker
Roy F. Weston, Inc.
1 Wall Street
Manchester NH 03101-1501

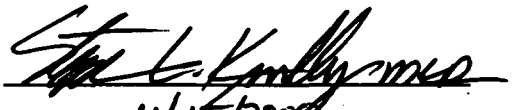
Re: LO-58 (caribou, ME) **10971-218-001-0015**

Enclosed are the results of the analyses on your sample(s). Please see individual reports for specific methodologies and references. Samples were received in acceptable condition, with the exceptions noted on the chain of custody.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Lab Number	Sample Date	Station Location	Analysis	Comments
	10/03/00	SB42-100300	Maine HETL Method 4.2.17	
44364-15	10/03/00	SB44-100300	EPA 8260 Volatile Organics	
	10/03/00	SB44-100300	Maine HETL Method 4.1.25	
	10/03/00	SB44-100300	Maine HETL Method 4.2.17	
44364-16	10/03/00	SB54-100300	EPA 8260 Volatile Organics	
	10/03/00	SB54-100300	Maine HETL Method 4.1.25	
	10/03/00	SB54-100300	Maine HETL Method 4.2.17	
44364-17	10/03/00	SB53-100300	EPA 8260 Volatile Organics	
	10/03/00	SB53-100300	Maine HETL Method 4.1.25	
	10/03/00	SB53-100300	Maine HETL Method 4.2.17	
44364-18	10/03/00	SB55-100300	EPA 8260 Volatile Organics	
	10/03/00	SB55-100300	Maine HETL Method 4.1.25	
	10/03/00	SB55-100300	Maine HETL Method 4.2.17	
44364-19	10/03/00	QC03-100300	EPA 8260 Volatile Organics	
	10/03/00	QC03-100300	Maine HETL Method 4.1.25	
	10/03/00	QC03-100300	Maine HETL Method 4.2.17	

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, and Massachusetts. A list of actual certified tests is available upon request.

Authorized signature 

Date 11/15/2000

analytics environmental laboratory LLC

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800-929-9906

Mr. James Ricker
Roy F. Weston, Inc.
1 Wall Street
Manchester NH 03101-1501

November 15, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: LABQC

SAMPLE DATA

Lab Sample ID: LB10100B
Matrix: Solid
Percent Solid: 100
Dilution Factor: 1
Collection Date: N/A
Lab Receipt Date: N/A
Analysis Date: 10/10/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	4	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	8	ND	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	8	ND
Tetrahydrofuran	8	ND	Methyl isobutyl ketone	8	ND
Methyl ethyl ketone	8	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	86 %	d8-Toluene	99 %	Bromofluorobenzene	106 %

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are given on a dry weight basis. Sample had low recovery of two internal standards.

Sample was analyzed in accordance with SW-846 method 5035.

8260 ketones

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November 15, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: LABQC

Lab Sample ID: LB10120B
Matrix: Solid
Percent Solid: 100
Dilution Factor: 1
Collection Date: N/A
Lab Receipt Date: N/A
Analysis Date: 10/12/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	4	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	8	ND	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	8	ND
Tetrahydrofuran	8	ND	Methyl isobutyl ketone	8	ND
Methyl ethyl ketone	8	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	101 %	d8-Toluene	95 %	Bromofluorobenzene	100 %

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample was analyzed in accordance with SW-846 method 5035.

8260 ketones

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November 15, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: LABQC

Lab Sample ID: LB10130B
Matrix: Solid
Percent Solid: 100
Dilution Factor: 1
Collection Date: N/A
Lab Receipt Date: N/A
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	4	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	8	ND	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	8	ND
Tetrahydrofuran	8	ND	Methyl isobutyl ketone	8	ND
Methyl ethyl ketone	8	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	103 %	d8-Toluene	106 %	Bromofluorobenzene	108 %

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample was analyzed in accordance with SW-846 method 5035.

8260 ketones

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November 15, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: LABQC

SAMPLE DATA

Lab Sample ID: MB10130C
Matrix: Solid
Percent Solid: 100
Dilution Factor: 50
Collection Date: N/A
Lab Receipt Date: N/A
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	100	ND	1,3-Dichloropropane	100	ND
Bromobenzene	100	ND	cis-1,3-Dichloropropene	100	ND
Bromochloromethane	100	ND	trans-1,3-Dichloropropene	100	ND
Bromodichloromethane	75	ND	2,2-Dichloropropane	100	ND
Bromoform	75	ND	1,1-Dichloropropene	100	ND
Bromomethane	100	ND	Ethylbenzene	100	ND
n-butylbenzene	100	ND	Hexachlorobutadiene	100	ND
sec-butylbenzene	100	ND	Isopropylbenzene	100	ND
tert-butylbenzene	100	ND	p-isopropyltoluene	100	ND
Carbon Tetrachloride	100	ND	Methylene Chloride	250	ND
Chlorobenzene	100	ND	Methyl-tert-butyl ether	100	ND
Chloroethane	100	ND	Naphthalene	100	ND
Chloroform	75	ND	n-Propylbenzene	100	ND
Chloromethane	100	ND	Styrene	100	ND
2-Chlorotoluene	100	ND	1,1,1,2-Tetrachloroethane	100	ND
4-Chlorotoluene	100	ND	1,1,2,2-Tetrachloroethane	75	ND
Dibromochloromethane	75	ND	Tetrachloroethene	100	ND
1,2-Dibromo-3-chloropropane	100	ND	Toluene	100	ND
1,2-Dibromoethane	75	ND	1,2,3-Trichlorobenzene	100	ND
Dibromomethane	100	ND	1,2,4-Trichlorobenzene	100	ND
1,2-Dichlorobenzene	100	ND	1,1,1-Trichloroethane	100	ND
1,3-Dichlorobenzene	100	ND	1,1,2-Trichloroethane	75	ND
1,4-Dichlorobenzene	100	ND	Trichloroethene	100	ND
Dichlorodifluoromethane	100	ND	Trichlorofluoromethane	100	ND
1,1-Dichloroethane	100	ND	1,2,3-Trichloropropane	100	ND
1,2-Dichloroethane	75	ND	1,2,4-Trimethylbenzene	100	ND
1,1-Dichloroethene	75	ND	1,3,5-Trimethylbenzene	100	ND
cis-1,2-Dichloroethene	100	ND	Vinyl Chloride	100	ND
trans-1,2-Dichloroethene	100	ND	o-Xylene	100	ND
1,2-Dichloropropane	75	ND	m,p-Xylene	100	ND
Acetone	500	ND	Diethyl ether	100	ND
Carbon Disulfide	100	ND	2-Hexanone	500	ND
Tetrahydrofuran	500	ND	Methyl isobutyl ketone	500	ND
Methyl ethyl ketone	500	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	110 %	d8-Toluene	104 %	Bromofluorobenzene	100 %

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample analyzed in accordance with SW-846 method 5035-High level blank.

8260 ketones

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Mr. James Ricker
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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: QC01-100200

SAMPLE DATA

Lab Sample ID: 44364-1
Matrix: Solid
Percent Solid: 100
Dilution Factor: 1.0
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/10/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	5	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	10	11	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	10	ND
Tetrahydrofuran	10	ND	Methyl isobutyl ketone	10	ND
Methyl ethyl ketone	10	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	101 %	d8-Toluene	83 %	Bromofluorobenzene	98 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are given on a dry weight basis. Sample had low recovery of one internal standard.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: QC01-100200

SAMPLE DATA

Lab Sample ID: 44364-1
Matrix: Solid
Percent Solid: 100
Dilution Factor: 50
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	100	ND	1,3-Dichloropropane	100	ND
Bromobenzene	100	ND	cis-1,3-Dichloropropene	100	ND
Bromochloromethane	100	ND	trans-1,3-Dichloropropene	100	ND
Bromodichloromethane	75	ND	2,2-Dichloropropane	100	ND
Bromoform	75	ND	1,1-Dichloropropene	100	ND
Bromomethane	100	ND	Ethylbenzene	100	ND
n-butylbenzene	100	ND	Hexachlorobutadiene	100	ND
sec-butylbenzene	100	ND	Isopropylbenzene	100	ND
tert-butylbenzene	100	ND	p-isopropyltoluene	100	ND
Carbon Tetrachloride	100	ND	Methylene Chloride	250	ND
Chlorobenzene	100	ND	Methyl-tert-butyl ether	100	ND
Chloroethane	100	ND	Naphthalene	100	ND
Chloroform	75	ND	n-Propylbenzene	100	ND
Chloromethane	100	ND	Styrene	100	ND
2-Chlorotoluene	100	ND	1,1,1,2-Tetrachloroethane	100	ND
4-Chlorotoluene	100	ND	1,1,2,2-Tetrachloroethane	75	ND
Dibromochloromethane	75	ND	Tetrachloroethene	100	ND
1,2-Dibromo-3-chloropropane	100	ND	Toluene	100	ND
1,2-Dibromoethane	75	ND	1,2,3-Trichlorobenzene	100	ND
Dibromomethane	100	ND	1,2,4-Trichlorobenzene	100	ND
1,2-Dichlorobenzene	100	ND	1,1,1-Trichloroethane	100	ND
1,3-Dichlorobenzene	100	ND	1,1,2-Trichloroethane	75	ND
1,4-Dichlorobenzene	100	ND	Trichloroethene	100	ND
Dichlorodifluoromethane	100	ND	Trichlorofluoromethane	100	ND
1,1-Dichloroethane	100	ND	1,2,3-Trichloropropane	100	ND
1,2-Dichloroethane	75	ND	1,2,4-Trimethylbenzene	100	ND
1,1-Dichloroethene	75	ND	1,3,5-Trimethylbenzene	100	ND
cis-1,2-Dichloroethene	100	ND	Vinyl Chloride	100	ND
trans-1,2-Dichloroethene	100	ND	o-Xylene	100	ND
1,2-Dichloropropane	75	ND	m,p-Xylene	100	ND
Acetone	500	ND	Diethyl ether	100	ND
Carbon Disulfide	100	ND	2-Hexanone	500	ND
Tetrahydrofuran	500	ND	Methyl isobutyl ketone	500	ND
Methyl ethyl ketone	500	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	105 %	d8-Toluene	103 %	Bromofluorobenzene	109 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

Authorized signature

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November 1, 2000

SAMPLE DATA

Lab Sample ID: 44364-2
Matrix: Solid
Percent Solid: 80
Dilution Factor: 1.1
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/10/00

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015
Field Sample ID: SB41-100200

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	6	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	11	146	Diethyl ether	2	ND
Carbon Disulfide	2	1 J	2-Hexanone	11	ND
Tetrahydrofuran	11	ND	Methyl isobutyl ketone	11	ND
Methyl ethyl ketone	11	12			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	116 %	d8-Toluene	94 %	Bromofluorobenzene	98 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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1 Wall Street
Manchester NH 03101-1501

November 1, 2000

SAMPLE DATA

Lab Sample ID: 44364-3
Matrix: Solid
Percent Solid: 91
Dilution Factor: 0.9
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/12/00

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015
Field Sample ID: SB43-100200

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	4	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	9	113	Diethyl ether	2	ND
Carbon Disulfide	2	3	2-Hexanone	9	ND
Tetrahydrofuran	9	ND	Methyl isobutyl ketone	9	ND
Methyl ethyl ketone	9	13			

Surrogate Standard Recovery

d4-1,2-Dichloroethane 105 % d8-Toluene 101 % Bromofluorobenzene 106 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

SAMPLE DATA

Lab Sample ID: 44364-4
Matrix: Solid
Percent Solid: 87
Dilution Factor: 0.8
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/12/00

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB45-100200

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	4	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	8	238	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	8	ND
Tetrahydrofuran	8	ND	Methyl isobutyl ketone	8	ND
Methyl ethyl ketone	8	15			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	107 %	d8-Toluene	87 %	Bromofluorobenzene	101 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis. Sample had low recovery of all internal standards.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB45-100200

SAMPLE DATA

Lab Sample ID: 44364-4
Matrix: Solid
Percent Solid: 87
Dilution Factor: 50
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	99	ND	1,3-Dichloropropane	99	ND
Bromobenzene	99	ND	cis-1,3-Dichloropropene	99	ND
Bromochloromethane	99	ND	trans-1,3-Dichloropropene	99	ND
Bromodichloromethane	74	ND	2,2-Dichloropropane	99	ND
Bromoform	74	ND	1,1-Dichloropropene	99	ND
Bromomethane	99	ND	Ethylbenzene	99	ND
n-butylbenzene	99	ND	Hexachlorobutadiene	99	ND
sec-butylbenzene	99	ND	Isopropylbenzene	99	ND
tert-butylbenzene	99	ND	p-isopropyltoluene	99	ND
Carbon Tetrachloride	99	ND	Methylene Chloride	250	ND
Chlorobenzene	99	ND	Methyl-tert-butyl ether	99	ND
Chloroethane	99	ND	Naphthalene	99	ND
Chloroform	74	ND	n-Propylbenzene	99	ND
Chloromethane	99	ND	Styrene	99	ND
2-Chlorotoluene	99	ND	1,1,1,2-Tetrachloroethane	99	ND
4-Chlorotoluene	99	ND	1,1,2,2-Tetrachloroethane	74	ND
Dibromochloromethane	74	ND	Tetrachloroethene	99	ND
1,2-Dibromo-3-chloropropane	99	ND	Toluene	99	ND
1,2-Dibromoethane	74	ND	1,2,3-Trichlorobenzene	99	ND
Dibromomethane	99	ND	1,2,4-Trichlorobenzene	99	ND
1,2-Dichlorobenzene	99	ND	1,1,1-Trichloroethane	99	ND
1,3-Dichlorobenzene	99	ND	1,1,2-Trichloroethane	74	ND
1,4-Dichlorobenzene	99	ND	Trichloroethene	99	ND
Dichlorodifluoromethane	99	ND	Trichlorofluoromethane	99	ND
1,1-Dichloroethane	99	ND	1,2,3-Trichloropropane	99	ND
1,2-Dichloroethane	74	ND	1,2,4-Trimethylbenzene	99	ND
1,1-Dichloroethene	74	ND	1,3,5-Trimethylbenzene	99	ND
cis-1,2-Dichloroethene	99	ND	Vinyl Chloride	99	ND
trans-1,2-Dichloroethene	99	ND	o-Xylene	99	ND
1,2-Dichloropropane	74	ND	m,p-Xylene	99	ND
Acetone	500	ND	Diethyl ether	99	ND
Carbon Disulfide	99	ND	2-Hexanone	500	ND
Tetrahydrofuran	500	ND	Methyl isobutyl ketone	500	ND
Methyl ethyl ketone	500	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	91 %	d8-Toluene	92 %	Bromofluorobenzene	96 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

SAMPLE DATA

Lab Sample ID: 44364-5
Matrix: Solid
Percent Solid: 89
Dilution Factor: 1.3
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/12/00

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015
Field Sample ID: SB49-100200

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	3	ND	1,3-Dichloropropane	3	ND
Bromobenzene	3	ND	cis-1,3-Dichloropropene	3	ND
Bromochloromethane	3	ND	trans-1,3-Dichloropropene	3	ND
Bromodichloromethane	3	ND	2,2-Dichloropropane	3	ND
Bromoform	3	ND	1,1-Dichloropropene	3	ND
Bromomethane	3	ND	Ethylbenzene	3	ND
n-butylbenzene	3	ND	Hexachlorobutadiene	3	ND
sec-butylbenzene	3	ND	Isopropylbenzene	3	ND
tert-butylbenzene	3	ND	p-isopropyltoluene	3	ND
Carbon Tetrachloride	3	ND	Methylene Chloride	6	ND
Chlorobenzene	3	ND	Methyl-tert-butyl ether	3	ND
Chloroethane	3	ND	Naphthalene	3	ND
Chloroform	3	ND	n-Propylbenzene	3	ND
Chloromethane	3	ND	Styrene	3	ND
2-Chlorotoluene	3	ND	1,1,1,2-Tetrachloroethane	3	ND
4-Chlorotoluene	3	ND	1,1,2,2-Tetrachloroethane	3	ND
Dibromochloromethane	3	ND	Tetrachloroethene	3	ND
1,2-Dibromo-3-chloropropane	3	ND	Toluene	3	ND
1,2-Dibromoethane	3	ND	1,2,3-Trichlorobenzene	3	ND
Dibromomethane	3	ND	1,2,4-Trichlorobenzene	3	ND
1,2-Dichlorobenzene	3	ND	1,1,1-Trichloroethane	3	ND
1,3-Dichlorobenzene	3	ND	1,1,2-Trichloroethane	3	ND
1,4-Dichlorobenzene	3	ND	Trichloroethene	3	ND
Dichlorodifluoromethane	3	ND	Trichlorofluoromethane	3	ND
1,1-Dichloroethane	3	ND	1,2,3-Trichloropropane	3	ND
1,2-Dichloroethane	3	ND	1,2,4-Trimethylbenzene	3	ND
1,1-Dichloroethene	3	ND	1,3,5-Trimethylbenzene	3	ND
cis-1,2-Dichloroethene	3	ND	Vinyl Chloride	3	ND
trans-1,2-Dichloroethene	3	ND	o-Xylene	3	ND
1,2-Dichloropropane	3	ND	m,p-Xylene	3	ND
Acetone	13	**210**	Diethyl ether	3	ND
Carbon Disulfide	3	ND	2-Hexanone	13	ND
Tetrahydrofuran	13	ND	Methyl isobutyl ketone	13	ND
Methyl ethyl ketone	13	**26**			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	108 %	d8-Toluene	94 %	Bromofluorobenzene	99 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis. Sample had low recovery of all internal standards.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

SAMPLE DATA

Lab Sample ID: 44364-5
Matrix: Solid
Percent Solid: 89
Dilution Factor: 59
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB49-100200

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	120	ND	1,3-Dichloropropane	120	ND
Bromobenzene	120	ND	cis-1,3-Dichloropropene	120	ND
Bromochloromethane	120	ND	trans-1,3-Dichloropropene	120	ND
Bromodichloromethane	88	ND	2,2-Dichloropropane	120	ND
Bromoform	88	ND	1,1-Dichloropropene	120	ND
Bromomethane	120	ND	Ethylbenzene	120	ND
n-butylbenzene	120	ND	Hexachlorobutadiene	120	ND
sec-butylbenzene	120	ND	Isopropylbenzene	120	ND
tert-butylbenzene	120	ND	p-isopropyltoluene	120	ND
Carbon Tetrachloride	120	ND	Methylene Chloride	290	ND
Chlorobenzene	120	ND	Methyl-tert-butyl ether	120	ND
Chloroethane	120	ND	Naphthalene	120	ND
Chloroform	88	ND	n-Propylbenzene	120	ND
Chloromethane	120	ND	Styrene	120	ND
2-Chlorotoluene	120	ND	1,1,1,2-Tetrachloroethane	120	ND
4-Chlorotoluene	120	ND	1,1,2,2-Tetrachloroethane	88	ND
Dibromochloromethane	88	ND	Tetrachloroethene	120	ND
1,2-Dibromo-3-chloropropane	120	ND	Toluene	120	ND
1,2-Dibromoethane	88	ND	1,2,3-Trichlorobenzene	120	ND
Dibromomethane	120	ND	1,2,4-Trichlorobenzene	120	ND
1,2-Dichlorobenzene	120	ND	1,1,1-Trichloroethane	120	ND
1,3-Dichlorobenzene	120	ND	1,1,2-Trichloroethane	88	ND
1,4-Dichlorobenzene	120	ND	Trichloroethene	120	ND
Dichlorodifluoromethane	120	ND	Trichlorofluoromethane	120	ND
1,1-Dichloroethane	120	ND	1,2,3-Trichloropropane	120	ND
1,2-Dichloroethane	88	ND	1,2,4-Trimethylbenzene	120	ND
1,1-Dichloroethene	88	ND	1,3,5-Trimethylbenzene	120	ND
cis-1,2-Dichloroethene	120	ND	Vinyl Chloride	120	ND
trans-1,2-Dichloroethene	120	ND	o-Xylene	120	ND
1,2-Dichloropropane	88	ND	m,p-Xylene	120	ND
Acetone	590	ND	Diethyl ether	120	ND
Carbon Disulfide	120	ND	2-Hexanone	590	ND
Tetrahydrofuran	590	ND	Methyl isobutyl ketone	590	ND
Methyl ethyl ketone	590	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	99 %	d8-Toluene	97 %	Bromofluorobenzene	98 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB52-100300

SAMPLE DATA

Lab Sample ID: 44364-6
Matrix: Solid
Percent Solid: 89
Dilution Factor: 0.9
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	5	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	9	26	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	9	ND
Tetrahydrofuran	9	ND	Methyl isobutyl ketone	9	ND
Methyl ethyl ketone	9	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	95 %	d8-Toluene	87 %	Bromofluorobenzene	105 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis. Sample had low recovery of three internal standards.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

Authorized signature

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Mr. James Ricker
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1 Wall Street
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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB52-100300

SAMPLE DATA

Lab Sample ID: 44364-6
Matrix: Solid
Percent Solid: 89
Dilution Factor: 46
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	92	ND	1,3-Dichloropropane	92	ND
Bromobenzene	92	ND	cis-1,3-Dichloropropene	92	ND
Bromochloromethane	92	ND	trans-1,3-Dichloropropene	92	ND
Bromodichloromethane	69	ND	2,2-Dichloropropane	92	ND
Bromoform	69	ND	1,1-Dichloropropene	92	ND
Bromomethane	92	ND	Ethylbenzene	92	ND
n-butylbenzene	92	ND	Hexachlorobutadiene	92	ND
sec-butylbenzene	92	ND	Isopropylbenzene	92	ND
tert-butylbenzene	92	ND	p-isopropyltoluene	92	ND
Carbon Tetrachloride	92	ND	Methylene Chloride	230	ND
Chlorobenzene	92	ND	Methyl-tert-butyl ether	92	ND
Chloroethane	92	ND	Naphthalene	92	ND
Chloroform	69	ND	n-Propylbenzene	92	ND
Chloromethane	92	ND	Styrene	92	ND
2-Chlorotoluene	92	ND	1,1,1,2-Tetrachloroethane	92	ND
4-Chlorotoluene	92	ND	1,1,2,2-Tetrachloroethane	69	ND
Dibromochloromethane	69	ND	Tetrachloroethene	92	ND
1,2-Dibromo-3-chloropropane	92	ND	Toluene	92	ND
1,2-Dibromoethane	69	ND	1,2,3-Trichlorobenzene	92	ND
Dibromomethane	92	ND	1,2,4-Trichlorobenzene	92	ND
1,2-Dichlorobenzene	92	ND	1,1,1-Trichloroethane	92	ND
1,3-Dichlorobenzene	92	ND	1,1,2-Trichloroethane	69	ND
1,4-Dichlorobenzene	92	ND	Trichloroethene	92	ND
Dichlorodifluoromethane	92	ND	Trichlorofluoromethane	92	ND
1,1-Dichloroethane	92	ND	1,2,3-Trichloropropane	92	ND
1,2-Dichloroethane	69	ND	1,2,4-Trimethylbenzene	92	ND
1,1-Dichloroethene	69	ND	1,3,5-Trimethylbenzene	92	ND
cis-1,2-Dichloroethene	92	ND	Vinyl Chloride	92	ND
trans-1,2-Dichloroethene	92	ND	o-Xylene	92	ND
1,2-Dichloropropane	69	ND	m,p-Xylene	92	ND
Acetone	460	ND	Diethyl ether	92	ND
Carbon Disulfide	92	ND	2-Hexanone	460	ND
Tetrahydrofuran	460	ND	Methyl isobutyl ketone	460	ND
Methyl ethyl ketone	460	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	97 %	d8-Toluene	98 %	Bromofluorobenzene	99 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB50-100300

SAMPLE DATA

Lab Sample ID: 44364-7
Matrix: Solid
Percent Solid: 90
Dilution Factor: 0.7
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	1	ND	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	cis-1,3-Dichloropropene	1	ND
Bromochloromethane	1	ND	trans-1,3-Dichloropropene	1	ND
Bromodichloromethane	1	ND	2,2-Dichloropropane	1	ND
Bromoform	1	ND	1,1-Dichloropropene	1	ND
Bromomethane	1	ND	Ethylbenzene	1	ND
n-butylbenzene	1	ND	Hexachlorobutadiene	1	ND
sec-butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-butylbenzene	1	ND	p-isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	4	ND
Chlorobenzene	1	ND	Methyl-tert-butyl ether	1	ND
Chloroethane	1	ND	Naphthalene	1	ND
Chloroform	1	ND	n-Propylbenzene	1	ND
Chloromethane	1	ND	Styrene	1	ND
2-Chlorotoluene	1	ND	1,1,1,2-Tetrachloroethane	1	ND
4-Chlorotoluene	1	ND	1,1,2,2-Tetrachloroethane	1	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-chloropropane	1	ND	Toluene	1	ND
1,2-Dibromoethane	1	ND	1,2,3-Trichlorobenzene	1	ND
Dibromomethane	1	ND	1,2,4-Trichlorobenzene	1	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	ND
Dichlorodifluoromethane	1	ND	Trichlorofluoromethane	1	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	1	ND
trans-1,2-Dichloroethene	1	ND	o-Xylene	1	ND
1,2-Dichloropropane	1	ND	m,p-Xylene	1	ND
Acetone	7	ND	Diethyl ether	1	ND
Carbon Disulfide	1	ND	2-Hexanone	7	ND
Tetrahydrofuran	7	ND	Methyl isobutyl ketone	7	ND
Methyl ethyl ketone	7	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	57 * %	d8-Toluene	112 %	Bromofluorobenzene	107 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis. Sample had low recovery of one internal standard. * Surrogate recovery was affected by sample matrix.
Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB50-100300

SAMPLE DATA

Lab Sample ID: 44364-7
Matrix: Solid
Percent Solid: 90
Dilution Factor: 54
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	110	ND	1,3-Dichloropropane	110	ND
Bromobenzene	110	ND	cis-1,3-Dichloropropene	110	ND
Bromochloromethane	110	ND	trans-1,3-Dichloropropene	110	ND
Bromodichloromethane	81	ND	2,2-Dichloropropane	110	ND
Bromoform	81	ND	1,1-Dichloropropene	110	ND
Bromomethane	110	ND	Ethylbenzene	110	ND
n-butylbenzene	110	ND	Hexachlorobutadiene	110	ND
sec-butylbenzene	110	ND	Isopropylbenzene	110	ND
tert-butylbenzene	110	ND	p-isopropyltoluene	110	ND
Carbon Tetrachloride	110	ND	Methylene Chloride	270	ND
Chlorobenzene	110	ND	Methyl-tert-butyl ether	110	ND
Chloroethane	110	ND	Naphthalene	110	ND
Chloroform	81	ND	n-Propylbenzene	110	ND
Chloromethane	110	ND	Styrene	110	ND
2-Chlorotoluene	110	ND	1,1,1,2-Tetrachloroethane	110	ND
4-Chlorotoluene	110	ND	1,1,2,2-Tetrachloroethane	81	ND
Dibromochloromethane	81	ND	Tetrachloroethene	110	ND
1,2-Dibromo-3-chloropropane	110	ND	Toluene	110	ND
1,2-Dibromoethane	81	ND	1,2,3-Trichlorobenzene	110	ND
Dibromomethane	110	ND	1,2,4-Trichlorobenzene	110	ND
1,2-Dichlorobenzene	110	ND	1,1,1-Trichloroethane	110	ND
1,3-Dichlorobenzene	110	ND	1,1,2-Trichloroethane	81	ND
1,4-Dichlorobenzene	110	ND	Trichloroethene	110	ND
Dichlorodifluoromethane	110	ND	Trichlorofluoromethane	110	ND
1,1-Dichloroethane	110	ND	1,2,3-Trichloropropane	110	ND
1,2-Dichloroethane	81	ND	1,2,4-Trimethylbenzene	110	ND
1,1-Dichloroethene	81	ND	1,3,5-Trimethylbenzene	110	ND
cis-1,2-Dichloroethene	110	ND	Vinyl Chloride	110	ND
trans-1,2-Dichloroethene	110	ND	o-Xylene	110	ND
1,2-Dichloropropane	81	ND	m,p-Xylene	110	ND
Acetone	540	ND	Diethyl ether	110	ND
Carbon Disulfide	110	ND	2-Hexanone	540	ND
Tetrahydrofuran	540	ND	Methyl isobutyl ketone	540	ND
Methyl ethyl ketone	540	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	101 %	d8-Toluene	101 %	Bromofluorobenzene	101 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB51-100300

SAMPLE DATA

Lab Sample ID: 44364-8
Matrix: Solid
Percent Solid: 87
Dilution Factor: 0.9
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	4	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	9	21	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	9	ND
Tetrahydrofuran	9	ND	Methyl isobutyl ketone	9	ND
Methyl ethyl ketone	9	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	102 %	d8-Toluene	104 %	Bromofluorobenzene	97 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB47-100300

SAMPLE DATA

Lab Sample ID: 44364-9
Matrix: Solid
Percent Solid: 86
Dilution Factor: 0.8
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	4	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	8	66	Diethyl ether	2	ND
Carbon Disulfide	2	3	2-Hexanone	8	ND
Tetrahydrofuran	8	ND	Methyl isobutyl ketone	8	ND
Methyl ethyl ketone	8	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	113 %	d8-Toluene	96 %	Bromofluorobenzene	97 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: QC02-100200

SAMPLE DATA

Lab Sample ID: 44364-10
Matrix: Solid
Percent Solid: 84
Dilution Factor: 1.4
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	3	ND	1,3-Dichloropropane	3	ND
Bromobenzene	3	ND	cis-1,3-Dichloropropene	3	ND
Bromochloromethane	3	ND	trans-1,3-Dichloropropene	3	ND
Bromodichloromethane	3	ND	2,2-Dichloropropane	3	ND
Bromoform	3	ND	1,1-Dichloropropene	3	ND
Bromomethane	3	ND	Ethylbenzene	3	ND
n-butylbenzene	3	ND	Hexachlorobutadiene	3	ND
sec-butylbenzene	3	ND	Isopropylbenzene	3	ND
tert-butylbenzene	3	ND	p-isopropyltoluene	3	ND
Carbon Tetrachloride	3	ND	Methylene Chloride	7	ND
Chlorobenzene	3	ND	Methyl-tert-butyl ether	3	ND
Chloroethane	3	ND	Naphthalene	3	ND
Chloroform	3	ND	n-Propylbenzene	3	ND
Chloromethane	3	ND	Styrene	3	ND
2-Chlorotoluene	3	ND	1,1,1,2-Tetrachloroethane	3	ND
4-Chlorotoluene	3	ND	1,1,2,2-Tetrachloroethane	3	ND
Dibromochloromethane	3	ND	Tetrachloroethene	3	ND
1,2-Dibromo-3-chloropropane	3	ND	Toluene	3	ND
1,2-Dibromoethane	3	ND	1,2,3-Trichlorobenzene	3	ND
Dibromomethane	3	ND	1,2,4-Trichlorobenzene	3	ND
1,2-Dichlorobenzene	3	ND	1,1,1-Trichloroethane	3	ND
1,3-Dichlorobenzene	3	ND	1,1,2-Trichloroethane	3	ND
1,4-Dichlorobenzene	3	ND	Trichloroethene	3	ND
Dichlorodifluoromethane	3	ND	Trichlorofluoromethane	3	ND
1,1-Dichloroethane	3	ND	1,2,3-Trichloropropane	3	ND
1,2-Dichloroethane	3	ND	1,2,4-Trimethylbenzene	3	ND
1,1-Dichloroethene	3	ND	1,3,5-Trimethylbenzene	3	ND
cis-1,2-Dichloroethene	3	ND	Vinyl Chloride	3	ND
trans-1,2-Dichloroethene	3	ND	o-Xylene	3	ND
1,2-Dichloropropane	3	ND	m,p-Xylene	3	ND
Acetone	14	87	Diethyl ether	3	ND
Carbon Disulfide	3	ND	2-Hexanone	14	ND
Tetrahydrofuran	14	ND	Methyl isobutyl ketone	14	ND
Methyl ethyl ketone	14	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	113 %	d8-Toluene	96 %	Bromofluorobenzene	90 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB46-100300

Lab Sample ID: 44364-11
Matrix: Solid
Percent Solid: 71
Dilution Factor: 1.0
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	5	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	10	60	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	10	ND
Tetrahydrofuran	10	ND	Methyl isobutyl ketone	10	ND
Methyl ethyl ketone	10	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	117 %	d8-Toluene	100 %	Bromofluorobenzene	107 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

Authorized signature

analytics environmental laboratory LLC

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Mr. James Ricker
Roy F. Weston, Inc.
1 Wall Street
Manchester NH 03101-1501

November 20, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB48-100300

SAMPLE DATA

Lab Sample ID: 44364-12
Matrix: Solid
Percent Solid: 75
Dilution Factor: 1.1
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	5	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	11	53	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	11	ND
Tetrahydrofuran	11	ND	Methyl isobutyl ketone	11	ND
Methyl ethyl ketone	11	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	111 %	d8-Toluene	98 %	Bromofluorobenzene	95 %

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB56-100300

SAMPLE DATA

Lab Sample ID: 44364-13
Matrix: Solid
Percent Solid: 87
Dilution Factor: 1.0
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	5	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	10	ND	Diethyl ether	2	ND
Carbon Disulfide	2	13	2-Hexanone	10	ND
Tetrahydrofuran	10	ND	Methyl isobutyl ketone	10	ND
Methyl ethyl ketone	10	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	124 %	d8-Toluene	102 %	Bromofluorobenzene	97 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis. Sample had low recovery of three internal standards.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB56-100300

SAMPLE DATA

Lab Sample ID: 44364-13
Matrix: Solid
Percent Solid: 87
Dilution Factor: 61
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	120	ND	1,3-Dichloropropane	120	ND
Bromobenzene	120	ND	cis-1,3-Dichloropropene	120	ND
Bromochloromethane	120	ND	trans-1,3-Dichloropropene	120	ND
Bromodichloromethane	91	ND	2,2-Dichloropropane	120	ND
Bromoform	91	ND	1,1-Dichloropropene	120	ND
Bromomethane	120	ND	Ethylbenzene	120	ND
n-butylbenzene	120	ND	Hexachlorobutadiene	120	ND
sec-butylbenzene	120	ND	Isopropylbenzene	120	ND
tert-butylbenzene	120	ND	p-isopropyltoluene	120	ND
Carbon Tetrachloride	120	ND	Methylene Chloride	300	ND
Chlorobenzene	120	ND	Methyl-tert-butyl ether	120	ND
Chloroethane	120	ND	Naphthalene	120	ND
Chloroform	91	ND	n-Propylbenzene	120	ND
Chloromethane	120	ND	Styrene	120	ND
2-Chlorotoluene	120	ND	1,1,1,2-Tetrachloroethane	120	ND
4-Chlorotoluene	120	ND	1,1,2,2-Tetrachloroethane	91	ND
Dibromochloromethane	91	ND	Tetrachloroethene	120	ND
1,2-Dibromo-3-chloropropane	120	ND	Toluene	120	ND
1,2-Dibromoethane	91	ND	1,2,3-Trichlorobenzene	120	ND
Dibromomethane	120	ND	1,2,4-Trichlorobenzene	120	ND
1,2-Dichlorobenzene	120	ND	1,1,1-Trichloroethane	120	ND
1,3-Dichlorobenzene	120	ND	1,1,2-Trichloroethane	91	ND
1,4-Dichlorobenzene	120	ND	Trichloroethene	120	ND
Dichlorodifluoromethane	120	ND	Trichlorofluoromethane	120	ND
1,1-Dichloroethane	120	ND	1,2,3-Trichloropropane	120	ND
1,2-Dichloroethane	91	ND	1,2,4-Trimethylbenzene	120	ND
1,1-Dichloroethene	91	ND	1,3,5-Trimethylbenzene	120	ND
cis-1,2-Dichloroethene	120	ND	Vinyl Chloride	120	ND
trans-1,2-Dichloroethene	120	ND	o-Xylene	120	ND
1,2-Dichloropropane	91	ND	m,p-Xylene	120	ND
Acetone	610	ND	Diethyl ether	120	ND
Carbon Disulfide	120	ND	2-Hexanone	610	ND
Tetrahydrofuran	610	ND	Methyl isobutyl ketone	610	ND
Methyl ethyl ketone	610	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	95 %	d8-Toluene	94 %	Bromofluorobenzene	96 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 3, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB42-100300

SAMPLE DATA

Lab Sample ID: 44364-14
Matrix: Solid
Percent Solid: 88
Dilution Factor: 0.8
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	4	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	8	ND	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	8	ND
Tetrahydrofuran	8	ND	Methyl isobutyl ketone	8	ND
Methyl ethyl ketone	8	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	* %	d8-Toluene	* %	Bromofluorobenzene	86 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis. *Low recovery of internal standards and surrogates due to matrix affect.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB42-100300

SAMPLE DATA

Lab Sample ID: 44364-14
Matrix: Solid
Percent Solid: 88
Dilution Factor: 52
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	100	ND	1,3-Dichloropropane	100	ND
Bromobenzene	100	ND	cis-1,3-Dichloropropene	100	ND
Bromochloromethane	100	ND	trans-1,3-Dichloropropene	100	ND
Bromodichloromethane	78	ND	2,2-Dichloropropane	100	ND
Bromoform	78	ND	1,1-Dichloropropene	100	ND
Bromomethane	100	ND	Ethylbenzene	100	ND
n-butylbenzene	100	ND	Hexachlorobutadiene	100	ND
sec-butylbenzene	100	ND	Isopropylbenzene	100	ND
tert-butylbenzene	100	ND	p-isopropyltoluene	100	ND
Carbon Tetrachloride	100	ND	Methylene Chloride	260	ND
Chlorobenzene	100	ND	Methyl-tert-butyl ether	100	ND
Chloroethane	100	ND	Naphthalene	100	ND
Chloroform	78	ND	n-Propylbenzene	100	ND
Chloromethane	100	ND	Styrene	100	ND
2-Chlorotoluene	100	ND	1,1,1,2-Tetrachloroethane	100	ND
4-Chlorotoluene	100	ND	1,1,2,2-Tetrachloroethane	78	ND
Dibromochloromethane	78	ND	Tetrachloroethene	100	ND
1,2-Dibromo-3-chloropropane	100	ND	Toluene	100	ND
1,2-Dibromoethane	78	ND	1,2,3-Trichlorobenzene	100	ND
Dibromomethane	100	ND	1,2,4-Trichlorobenzene	100	ND
1,2-Dichlorobenzene	100	ND	1,1,1-Trichloroethane	100	ND
1,3-Dichlorobenzene	100	ND	1,1,2-Trichloroethane	78	ND
1,4-Dichlorobenzene	100	ND	Trichloroethene	100	ND
Dichlorodifluoromethane	100	ND	Trichlorofluoromethane	100	ND
1,1-Dichloroethane	100	ND	1,2,3-Trichloropropane	100	ND
1,2-Dichloroethane	78	ND	1,2,4-Trimethylbenzene	100	ND
1,1-Dichloroethene	78	ND	1,3,5-Trimethylbenzene	100	ND
cis-1,2-Dichloroethene	100	ND	Vinyl Chloride	100	ND
trans-1,2-Dichloroethene	100	ND	o-Xylene	100	ND
1,2-Dichloropropane	78	ND	m,p-Xylene	100	ND
Acetone	520	ND	Diethyl ether	100	ND
Carbon Disulfide	100	ND	2-Hexanone	520	ND
Tetrahydrofuran	520	ND	Methyl isobutyl ketone	520	ND
Methyl ethyl ketone	520	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	97 %	d8-Toluene	100 %	Bromofluorobenzene	100 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB44-100300

SAMPLE DATA

Lab Sample ID: 44364-15
Matrix: Solid
Percent Solid: 76
Dilution Factor: 1.2
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	6	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	12	72	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	12	ND
Tetrahydrofuran	12	ND	Methyl isobutyl ketone	12	ND
Methyl ethyl ketone	12	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	117 %	d8-Toluene	89 %	Bromofluorobenzene	102 %

ND=Not Detected *J=Estimated* *E=Exceeds Calibration Range* *B=Detected in Blank*

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB54-100300

SAMPLE DATA

Lab Sample ID: 44364-16
Matrix: Solid
Percent Solid: 90
Dilution Factor: 0.8
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	4	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	8	71	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	8	ND
Tetrahydrofuran	8	ND	Methyl isobutyl ketone	8	ND
Methyl ethyl ketone	8	14			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	119 %	d8-Toluene	102 %	Bromofluorobenzene	104 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

Authorized signature

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Mr. James Ricker
Roy F. Weston, Inc.
1 Wall Street
Manchester NH 03101-1501

November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB53-100300

SAMPLE DATA

Lab Sample ID: 44364-17
Matrix: Solid
Percent Solid: 86
Dilution Factor: 0.9
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	5	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	9	30	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	9	ND
Tetrahydrofuran	9	ND	Methyl isobutyl ketone	9	ND
Methyl ethyl ketone	9	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	122 %	d8-Toluene	90 %	Bromofluorobenzene	98 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB55-100300

SAMPLE DATA

Lab Sample ID: 44364-18
Matrix: Solid
Percent Solid: 94
Dilution Factor: 0.7
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	1	ND	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	cis-1,3-Dichloropropene	1	ND
Bromochloromethane	1	ND	trans-1,3-Dichloropropene	1	ND
Bromodichloromethane	1	ND	2,2-Dichloropropane	1	ND
Bromoform	1	ND	1,1-Dichloropropene	1	ND
Bromomethane	1	ND	Ethylbenzene	1	ND
n-butylbenzene	1	ND	Hexachlorobutadiene	1	ND
sec-butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-butylbenzene	1	ND	p-isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	4	ND
Chlorobenzene	1	ND	Methyl-tert-butyl ether	1	ND
Chloroethane	1	ND	Naphthalene	1	ND
Chloroform	1	ND	n-Propylbenzene	1	ND
Chloromethane	1	ND	Styrene	1	ND
2-Chlorotoluene	1	ND	1,1,1,2-Tetrachloroethane	1	ND
4-Chlorotoluene	1	ND	1,1,2,2-Tetrachloroethane	1	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-chloropropane	1	ND	Toluene	1	ND
1,2-Dibromoethane	1	ND	1,2,3-Trichlorobenzene	1	ND
Dibromomethane	1	ND	1,2,4-Trichlorobenzene	1	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	ND
Dichlorodifluoromethane	1	ND	Trichlorofluoromethane	1	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	1	ND
trans-1,2-Dichloroethene	1	ND	o-Xylene	1	ND
1,2-Dichloropropane	1	ND	m,p-Xylene	1	ND
Acetone	7	36	Diethyl ether	1	ND
Carbon Disulfide	1	1	2-Hexanone	7	ND
Tetrahydrofuran	7	ND	Methyl isobutyl ketone	7	ND
Methyl ethyl ketone	7	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	112 %	d8-Toluene	96 %	Bromofluorobenzene	95 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis. Sample had low recovery of one internal standard.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB55-100300

SAMPLE DATA

Lab Sample ID: 44364-18
Matrix: Solid
Percent Solid: 94
Dilution Factor: 49
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	98	ND	1,3-Dichloropropane	98	ND
Bromobenzene	98	ND	cis-1,3-Dichloropropene	98	ND
Bromochloromethane	98	ND	trans-1,3-Dichloropropene	98	ND
Bromodichloromethane	73	ND	2,2-Dichloropropane	98	ND
Bromoform	73	ND	1,1-Dichloropropene	98	ND
Bromomethane	98	ND	Ethylbenzene	98	ND
n-butylbenzene	98	ND	Hexachlorobutadiene	98	ND
sec-butylbenzene	98	ND	Isopropylbenzene	98	ND
tert-butylbenzene	98	ND	p-isopropyltoluene	98	ND
Carbon Tetrachloride	98	ND	Methylene Chloride	240	ND
Chlorobenzene	98	ND	Methyl-tert-butyl ether	98	ND
Chloroethane	98	ND	Naphthalene	98	ND
Chloroform	73	ND	n-Propylbenzene	98	ND
Chloromethane	98	ND	Styrene	98	ND
2-Chlorotoluene	98	ND	1,1,1,2-Tetrachloroethane	98	ND
4-Chlorotoluene	98	ND	1,1,2,2-Tetrachloroethane	73	ND
Dibromochloromethane	73	ND	Tetrachloroethene	98	ND
1,2-Dibromo-3-chloropropane	98	ND	Toluene	98	ND
1,2-Dibromoethane	73	ND	1,2,3-Trichlorobenzene	98	ND
Dibromomethane	98	ND	1,2,4-Trichlorobenzene	98	ND
1,2-Dichlorobenzene	98	ND	1,1,1-Trichloroethane	98	ND
1,3-Dichlorobenzene	98	ND	1,1,2-Trichloroethane	73	ND
1,4-Dichlorobenzene	98	ND	Trichloroethene	98	ND
Dichlorodifluoromethane	98	ND	Trichlorofluoromethane	98	ND
1,1-Dichloroethane	98	ND	1,2,3-Trichloropropane	98	ND
1,2-Dichloroethane	73	ND	1,2,4-Trimethylbenzene	98	ND
1,1-Dichloroethene	73	ND	1,3,5-Trimethylbenzene	98	ND
cis-1,2-Dichloroethene	98	ND	Vinyl Chloride	98	ND
trans-1,2-Dichloroethene	98	ND	o-Xylene	98	ND
1,2-Dichloropropane	73	ND	m,p-Xylene	98	ND
Acetone	490	ND	Diethyl ether	98	ND
Carbon Disulfide	98	ND	2-Hexanone	490	ND
Tetrahydrofuran	490	ND	Methyl isobutyl ketone	490	ND
Methyl ethyl ketone	490	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	98 %	d8-Toluene	95 %	Bromofluorobenzene	97 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 15, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: QC03-100300

SAMPLE DATA

Lab Sample ID: 44364-19
Matrix: Solid
Percent Solid: 76
Dilution Factor: 0.8
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	2	ND	1,3-Dichloropropane	2	ND
Bromobenzene	2	ND	cis-1,3-Dichloropropene	2	ND
Bromochloromethane	2	ND	trans-1,3-Dichloropropene	2	ND
Bromodichloromethane	2	ND	2,2-Dichloropropane	2	ND
Bromoform	2	ND	1,1-Dichloropropene	2	ND
Bromomethane	2	ND	Ethylbenzene	2	ND
n-butylbenzene	2	ND	Hexachlorobutadiene	2	ND
sec-butylbenzene	2	ND	Isopropylbenzene	2	ND
tert-butylbenzene	2	ND	p-isopropyltoluene	2	ND
Carbon Tetrachloride	2	ND	Methylene Chloride	4	ND
Chlorobenzene	2	ND	Methyl-tert-butyl ether	2	ND
Chloroethane	2	ND	Naphthalene	2	ND
Chloroform	2	ND	n-Propylbenzene	2	ND
Chloromethane	2	ND	Styrene	2	ND
2-Chlorotoluene	2	ND	1,1,1,2-Tetrachloroethane	2	ND
4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	2	ND	Tetrachloroethene	2	ND
1,2-Dibromo-3-chloropropane	2	ND	Toluene	2	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	2	ND	1,1,1-Trichloroethane	2	ND
1,3-Dichlorobenzene	2	ND	1,1,2-Trichloroethane	2	ND
1,4-Dichlorobenzene	2	ND	Trichloroethene	2	ND
Dichlorodifluoromethane	2	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	2	ND	1,2,3-Trichloropropane	2	ND
1,2-Dichloroethane	2	ND	1,2,4-Trimethylbenzene	2	ND
1,1-Dichloroethene	2	ND	1,3,5-Trimethylbenzene	2	ND
cis-1,2-Dichloroethene	2	ND	Vinyl Chloride	2	ND
trans-1,2-Dichloroethene	2	ND	o-Xylene	2	ND
1,2-Dichloropropane	2	ND	m,p-Xylene	2	ND
Acetone	8	26	Diethyl ether	2	ND
Carbon Disulfide	2	ND	2-Hexanone	8	ND
Tetrahydrofuran	8	ND	Methyl isobutyl ketone	8	ND
Methyl ethyl ketone	8	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	111 %	d8-Toluene	91 %	Bromofluorobenzene	90 %

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis. Sample had low recovery of one internal standard.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: QC03-100300

SAMPLE DATA

Lab Sample ID: 44364-19
Matrix: Solid
Percent Solid: 76
Dilution Factor: 59
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	120	ND	1,3-Dichloropropane	120	ND
Bromobenzene	120	ND	cis-1,3-Dichloropropene	120	ND
Bromochloromethane	120	ND	trans-1,3-Dichloropropene	120	ND
Bromodichloromethane	89	ND	2,2-Dichloropropane	120	ND
Bromoform	89	ND	1,1-Dichloropropene	120	ND
Bromomethane	120	ND	Ethylbenzene	120	ND
n-butylbenzene	120	ND	Hexachlorobutadiene	120	ND
sec-butylbenzene	120	ND	Isopropylbenzene	120	ND
tert-butylbenzene	120	ND	p-isopropyltoluene	120	ND
Carbon Tetrachloride	120	ND	Methylene Chloride	300	ND
Chlorobenzene	120	ND	Methyl-tert-butyl ether	120	ND
Chloroethane	120	ND	Naphthalene	120	ND
Chloroform	89	ND	n-Propylbenzene	120	ND
Chloromethane	120	ND	Styrene	120	ND
2-Chlorotoluene	120	ND	1,1,1,2-Tetrachloroethane	120	ND
4-Chlorotoluene	120	ND	1,1,2,2-Tetrachloroethane	89	ND
Dibromochloromethane	89	ND	Tetrachloroethene	120	ND
1,2-Dibromo-3-chloropropane	120	ND	Toluene	120	ND
1,2-Dibromoethane	89	ND	1,2,3-Trichlorobenzene	120	ND
Dibromomethane	120	ND	1,2,4-Trichlorobenzene	120	ND
1,2-Dichlorobenzene	120	ND	1,1,1-Trichloroethane	120	ND
1,3-Dichlorobenzene	120	ND	1,1,2-Trichloroethane	89	ND
1,4-Dichlorobenzene	120	ND	Trichloroethene	120	ND
Dichlorodifluoromethane	120	ND	Trichlorofluoromethane	120	ND
1,1-Dichloroethane	120	ND	1,2,3-Trichloropropane	120	ND
1,2-Dichloroethane	89	ND	1,2,4-Trimethylbenzene	120	ND
1,1-Dichloroethene	89	ND	1,3,5-Trimethylbenzene	120	ND
cis-1,2-Dichloroethene	120	ND	Vinyl Chloride	120	ND
trans-1,2-Dichloroethene	120	ND	o-Xylene	120	ND
1,2-Dichloropropane	89	ND	m,p-Xylene	120	ND
Acetone	590	ND	Diethyl ether	120	ND
Carbon Disulfide	120	ND	2-Hexanone	590	ND
Tetrahydrofuran	590	ND	Methyl isobutyl ketone	590	ND
Methyl ethyl ketone	590	ND			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	91 %	d8-Toluene	94 %	Bromofluorobenzene	99 %

ND=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260.

COMMENTS: Results are expressed on a dry weight basis.

Sample collection and analysis in accordance with SW-846 method 5035.

8260 ketones

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November 1, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Client Sample ID:	LABQC

Lab Sample ID:	MB10100GRO
Matrix:	Solid
Percent Solid:	100%
Dilution Factor:	50
Collection Date:	10/02/00
Lab Receipt Date:	10/05/00
Analysis Date:	10/10/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1000

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	250
Benzene	ND	µg/kg	50

Surrogate Standard Recovery

Trifluorotoluene	105 %
Bromofluorobenzene	102 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Client Sample ID:	LABQC

Lab Sample ID:	MB10110GRO
Matrix:	Solid
Percent Solid:	100%
Dilution Factor:	50
Collection Date:	10/02/00
Lab Receipt Date:	10/05/00
Analysis Date:	10/11/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1000

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	250
Benzene	ND	µg/kg	50

Surrogate Standard Recovery

Trifluorotoluene	95	%
Bromofluorobenzene	96	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)
Project Number: 10971-218-001-0015
Client Sample ID: LABQC

SAMPLE DATA

Lab Sample ID: MB10120GRO
Matrix: Solid
Percent Solid: 100%
Dilution Factor: 50
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1000

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	250
Benzene	ND	µg/kg	50

Surrogate Standard Recovery

Trifluorotoluene	108 %
Bromofluorobenzene	106 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

SAMPLE DATA

Lab Sample ID: 44364-1
Matrix: Solid
Percent Solid: 100%
Dilution Factor: 50
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/11/00

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)
Project Number: 10971-218-001-0015
Client Sample ID: QC01-100200

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1000

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	250
Benzene	ND	µg/kg	50

Surrogate Standard Recovery

Trifluorotoluene	98	%
Bromofluorobenzene	104	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Client Sample ID:	SB41-100200

Lab Sample ID:	44364-2
Matrix:	Solid
Percent Solid:	80%
Dilution Factor:	51
Collection Date:	10/02/00
Lab Receipt Date:	10/05/00
Analysis Date:	10/10/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1294

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	324
Benzene	ND	µg/kg	65

Surrogate Standard Recovery

Trifluorotoluene	82	%
Bromofluorobenzene	107	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Client Sample ID:	SB43-100200

Lab Sample ID:	44364-3
Matrix:	Solid
Percent Solid:	91%
Dilution Factor:	46
Collection Date:	10/02/00
Lab Receipt Date:	10/05/00
Analysis Date:	10/10/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1017

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	254
Benzene	ND	µg/kg	51

Surrogate Standard Recovery

Trifluorotoluene	96 %
Bromofluorobenzene	112 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)
Project Number: 10971-218-001-0015
Client Sample ID: SB45-100200

SAMPLE DATA

Lab Sample ID: 44364-4
Matrix: Solid
Percent Solid: 87%
Dilution Factor: 50
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/10/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1144

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	286
Benzene	ND	µg/kg	57

Surrogate Standard Recovery

Trifluorotoluene	107 %
Bromofluorobenzene	124 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)
Project Number: 10971-218-001-0015
Client Sample ID: SB49-100200

SAMPLE DATA

Lab Sample ID: 44364-5
Matrix: Solid
Percent Solid: 89%
Dilution Factor: 45
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1027

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	257
Benzene	ND	µg/kg	51

Surrogate Standard Recovery

Trifluorotoluene	78	%
Bromofluorobenzene	93	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)
Project Number: 10971-218-001-0015
Client Sample ID: SB52-100300

SAMPLE DATA

Lab Sample ID: 44364-6
Matrix: Solid
Percent Solid: 89%
Dilution Factor: 40
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/11/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	898

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	225
Benzene	ND	µg/kg	45

Surrogate Standard Recovery

Trifluorotoluene	99 %
Bromofluorobenzene	116 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Client Sample ID:	SB50-100300

Lab Sample ID:	44364-7
Matrix:	Solid
Percent Solid:	90%
Dilution Factor:	50
Collection Date:	10/03/00
Lab Receipt Date:	10/05/00
Analysis Date:	10/11/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1119

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	280
Benzene	ND	µg/kg	56

Surrogate Standard Recovery

Trifluorotoluene	91	%
Bromofluorobenzene	106	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Client Sample ID:	SB51-100300

Lab Sample ID:	44364-8
Matrix:	Solid
Percent Solid:	87%
Dilution Factor:	45
Collection Date:	10/03/00
Lab Receipt Date:	10/05/00
Analysis Date:	10/11/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1036

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	259
Benzene	ND	µg/kg	52

Surrogate Standard Recovery

Trifluorotoluene	94	%
Bromofluorobenzene	106	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)
Project Number: 10971-218-001-0015
Client Sample ID: SB47-100300

SAMPLE DATA

Lab Sample ID: 44364-9
Matrix: Solid
Percent Solid: 86%
Dilution Factor: 56
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/11/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1305

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	326
Benzene	ND	µg/kg	65

Surrogate Standard Recovery

Trifluorotoluene	138 %
Bromofluorobenzene	104 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)
Project Number: 10971-218-001-0015
Client Sample ID: QC02-100200

SAMPLE DATA

Lab Sample ID: 44364-10
Matrix: Solid
Percent Solid: 84%
Dilution Factor: 56
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1337

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	334
Benzene	ND	µg/kg	67

Surrogate Standard Recovery

Trifluorotoluene	75	%
Bromofluorobenzene	85	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Client Sample ID:	SB46-100300

Lab Sample ID:	44364-11
Matrix:	Solid
Percent Solid:	71%
Dilution Factor:	52
Collection Date:	10/03/00
Lab Receipt Date:	10/05/00
Analysis Date:	10/11/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1482

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	370
Benzene	ND	µg/kg	74

Surrogate Standard Recovery

Trifluorotoluene	73	%
Bromofluorobenzene	90	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

SAMPLE DATA

Lab Sample ID: 44364-12
Matrix: Solid
Percent Solid: 75%
Dilution Factor: 42
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/11/00

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)
Project Number: 10971-218-001-0015
Client Sample ID: SB48-100300

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1132

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	283
Benzene	ND	µg/kg	57

Surrogate Standard Recovery

Trifluorotoluene	78	%
Bromofluorobenzene	97	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Client Sample ID:	SB56-100300

Lab Sample ID:	44364-13
Matrix:	Solid
Percent Solid:	87%
Dilution Factor:	61
Collection Date:	10/03/00
Lab Receipt Date:	10/05/00
Analysis Date:	10/12/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1395

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	349
Benzene	ND	µg/kg	70

Surrogate Standard Recovery

Trifluorotoluene	89	%
Bromofluorobenzene	105	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

SAMPLE DATA

Lab Sample ID: 44364-14
Matrix: Solid
Percent Solid: 88%
Dilution Factor: 46
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/12/00

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)
Project Number: 10971-218-001-0015
Client Sample ID: SB42-100300

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1055

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	264
Benzene	ND	µg/kg	53

Surrogate Standard Recovery

Trifluorotoluene	77	%
Bromofluorobenzene	104	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Client Sample ID:	SB44-100300

Lab Sample ID:	44364-15
Matrix:	Solid
Percent Solid:	76%
Dilution Factor:	46
Collection Date:	10/03/00
Lab Receipt Date:	10/05/00
Analysis Date:	10/12/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1215

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	304
Benzene	ND	µg/kg	61

Surrogate Standard Recovery

Trifluorotoluene	82	%
Bromofluorobenzene	102	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)
Project Number: 10971-218-001-0015
Client Sample ID: SB54-100300

SAMPLE DATA

Lab Sample ID: 44364-16
Matrix: Solid
Percent Solid: 90%
Dilution Factor: 48
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1075

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	269
Benzene	ND	µg/kg	54

Surrogate Standard Recovery

Trifluorotoluene	75	%
Bromofluorobenzene	93	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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November 1, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Client Sample ID:	SB53-100300

Lab Sample ID:	44364-17
Matrix:	Solid
Percent Solid:	86%
Dilution Factor:	50
Collection Date:	10/03/00
Lab Receipt Date:	10/05/00
Analysis Date:	10/12/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1157

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	289
Benzene	ND	µg/kg	58

Surrogate Standard Recovery

Trifluorotoluene	79	%
Bromofluorobenzene	96	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Client Sample ID:	SB55-100300

Lab Sample ID:	44364-18
Matrix:	Solid
Percent Solid:	94%
Dilution Factor:	37
Collection Date:	10/03/00
Lab Receipt Date:	10/05/00
Analysis Date:	10/13/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	780

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	195
Benzene	ND	µg/kg	39

Surrogate Standard Recovery

Trifluorotoluene	86 %
Bromofluorobenzene	100 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)
Project Number: 10971-218-001-0015
Client Sample ID: QC03-100300

SAMPLE DATA

Lab Sample ID: 44364-19
Matrix: Solid
Percent Solid: 76%
Dilution Factor: 56
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Analysis Date: 10/13/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	ND	µg/kg	1469

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	ND	µg/kg	367
Benzene	ND	µg/kg	73

Surrogate Standard Recovery

Trifluorotoluene	87	%
Bromofluorobenzene	108	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS: Results expressed on a dry weight basis.

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October 26, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Field Sample ID:	LABQC

Lab Sample ID:	B10100DS
Matrix:	Solid
Percent Solid:	100
Dilution Factor:	1.0
Collection Date:	N/A
Lab Receipt Date:	N/A
Extraction Date:	10/10/00
Analysis Date:	10/11/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	5

Surrogate Standard Recovery

m-Terphenyl	82	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB41-100200

SAMPLE DATA

Lab Sample ID: 44364-2
Matrix: Solid
Percent Solid: 80
Dilution Factor: 1.2
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Extraction Date: 10/10/00
Analysis Date: 10/11/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	73	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

Authorized signature

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1 Wall Street
Manchester NH 03101-1501

October 26, 2000

SAMPLE DATA

Lab Sample ID:	44364-3
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	1.1
Collection Date:	10/02/00
Lab Receipt Date:	10/05/00
Extraction Date:	10/10/00
Analysis Date:	10/12/00

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Field Sample ID:	SB43-100200

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	79	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB45-100200

SAMPLE DATA

Lab Sample ID: 44364-4
Matrix: Solid
Percent Solid: 87
Dilution Factor: 1.1
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Extraction Date: 10/10/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
11	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	83	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

SAMPLE DATA

Lab Sample ID:	44364-5
Matrix:	Solid
Percent Solid:	89
Dilution Factor:	1.1
Collection Date:	10/02/00
Lab Receipt Date:	10/05/00
Extraction Date:	10/10/00
Analysis Date:	10/12/00

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Field Sample ID:	SB49-100200

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	77	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

SAMPLE DATA

Lab Sample ID:	44364-6
Matrix:	Solid
Percent Solid:	89
Dilution Factor:	1.1
Collection Date:	10/03/00
Lab Receipt Date:	10/05/00
Extraction Date:	10/10/00
Analysis Date:	10/12/00

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Field Sample ID:	SB52-100300

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	81	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB50-100300

SAMPLE DATA

Lab Sample ID: 44364-7
Matrix: Solid
Percent Solid: 90
Dilution Factor: 1.1
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Extraction Date: 10/10/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	82	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB51-100300

SAMPLE DATA

Lab Sample ID: 44364-8
Matrix: Solid
Percent Solid: 87
Dilution Factor: 1.1
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Extraction Date: 10/10/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	77	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB47-100300

SAMPLE DATA

Lab Sample ID: 44364-9
Matrix: Solid
Percent Solid: 86
Dilution Factor: 1.1
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Extraction Date: 10/10/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	79	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: QC02-100200

SAMPLE DATA

Lab Sample ID: 44364-10
Matrix: Solid
Percent Solid: 84
Dilution Factor: 1.2
Collection Date: 10/02/00
Lab Receipt Date: 10/05/00
Extraction Date: 10/10/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	81	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB46-100300

SAMPLE DATA

Lab Sample ID: 44364-11
Matrix: Solid
Percent Solid: 71
Dilution Factor: 1.4
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Extraction Date: 10/10/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	7

Surrogate Standard Recovery

m-Terphenyl	71	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB48-100300

SAMPLE DATA

Lab Sample ID: 44364-12
Matrix: Solid
Percent Solid: 75
Dilution Factor: 1.3
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Extraction Date: 10/10/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	80	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB56-100300

SAMPLE DATA

Lab Sample ID: 44364-13
Matrix: Solid
Percent Solid: 87
Dilution Factor: 1.1
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Extraction Date: 10/10/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	78	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB42-100300

SAMPLE DATA

Lab Sample ID: 44364-14
Matrix: Solid
Percent Solid: 88
Dilution Factor: 1.1
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Extraction Date: 10/10/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	78	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB44-100300

SAMPLE DATA

Lab Sample ID: 44364-15
Matrix: Solid
Percent Solid: 76
Dilution Factor: 1.3
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Extraction Date: 10/10/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	81	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58 (caribou, ME)
Project Number:	10971-218-001-0015
Field Sample ID:	SB54-100300

Lab Sample ID:	44364-16
Matrix:	Solid
Percent Solid:	90
Dilution Factor:	1.1
Collection Date:	10/03/00
Lab Receipt Date:	10/05/00
Extraction Date:	10/10/00
Analysis Date:	10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
24	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	74	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB53-100300

SAMPLE DATA

Lab Sample ID:	44364-17
Matrix:	Solid
Percent Solid:	86
Dilution Factor:	1.1
Collection Date:	10/03/00
Lab Receipt Date:	10/05/00
Extraction Date:	10/10/00
Analysis Date:	10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	75 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

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October 26, 2000

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: SB55-100300

SAMPLE DATA

Lab Sample ID: 44364-18
Matrix: Solid
Percent Solid: 94
Dilution Factor: 5
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Extraction Date: 10/10/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
133	mg/kg	25

Surrogate Standard Recovery

m-Terphenyl	* %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Chromatogram contains peaks which elute after the DRO window.

Results are expressed on a dry weight basis.

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October 26, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: LO-58 (caribou, ME)

Project Number: 10971-218-001-0015

Field Sample ID: QC03-100300

Lab Sample ID: 44364-19
Matrix: Solid
Percent Solid: 76
Dilution Factor: 1.3
Collection Date: 10/03/00
Lab Receipt Date: 10/05/00
Extraction Date: 10/10/00
Analysis Date: 10/12/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
ND	mg/kg	6

Surrogate Standard Recovery

m-Terphenyl	80	%

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS: Results are expressed on a dry weight basis.

DRO Report

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APPENDIX D

AEL LABORATORY DATA SHEETS: GROUNDWATER AND DRINKING WATER SAMPLES

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Mr. Jim Ricker
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1 Wall Street
Manchester NH 03101-1501

Re: LO-58, Caribou, ME **10971.218.001.01017.01**

Enclosed are the results of the analyses on your sample(s). Please see individual reports for specific methodologies and references. Samples were received in acceptable condition, with the exceptions noted on the chain of custody.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Lab Number	Sample Date	Station Location	Analysis	Comments
44471-1	10/27/00	MW01-102700	EPA 504	
	10/27/00	MW01-102700	EPA 524.2 Volatile Organics	
	10/27/00	MW01-102700	Maine HETL Method 4.1.25	
	10/27/00	MW01-102700	Maine HETL Method 4.2.17	
	10/27/00	MW01-102700	SW-846 9040 pH in Water	
44471-2	10/26/00	MW02-102600	EPA 504	
	10/26/00	MW02-102600	EPA 524.2 Volatile Organics	
	10/26/00	MW02-102600	Maine HETL Method 4.1.25	
	10/26/00	MW02-102600	Maine HETL Method 4.2.17	
44471-3	10/26/00	MW03-102600	EPA 504	
	10/26/00	MW03-102600	EPA 524.2 Volatile Organics	
	10/26/00	MW03-102600	Maine HETL Method 4.2.17	
44471-4	10/26/00	MW04-102600	EPA 504	
	10/26/00	MW04-102600	EPA 524.2 Volatile Organics	
	10/26/00	MW04-102600	Maine HETL Method 4.1.25	
	10/26/00	MW04-102600	Maine HETL Method 4.2.17	
44471-5	10/26/00	MW05-102600	EPA 504	
	10/26/00	MW05-102600	EPA 524.2 Volatile Organics	
	10/26/00	MW05-102600	Maine HETL Method 4.1.25	
	10/26/00	MW05-102600	Maine HETL Method 4.2.17	

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, and Massachusetts. A list of actual certified tests is available upon request.

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Date 12/14/00

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Mr. Jim Ricker
Roy F. Weston, Inc.
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Manchester NH 03101-1501

Re: LO-58, Caribou, ME **10971.218.001.01017.01**

Enclosed are the results of the analyses on your sample(s). Please see individual reports for specific methodologies and references. Samples were received in acceptable condition, with the exceptions noted on the chain of custody.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Lab Number	Sample Date	Station Location	Analysis	Comments
44471-6	10/27/00	DWVFW-102700	EPA 524.2 Volatile Organics	
	10/27/00	DWVFW-102700	Maine HETL Method 4.1.25	
44471-7	10/26/00	DWAMAC-102600	EPA 524.2 Volatile Organics	
	10/26/00	DWAMAC-102600	Maine HETL Method 4.1.25	
44471-8	10/26/00	QC01-102600	EPA 524.2 Volatile Organics	
44471-9	10/26/00	QC02-102600	Maine HETL Method 4.2.17	
44471-10	10/26/00	QC03-102600	EPA 524.2 Volatile Organics	
	10/26/00	QC03-102600	Maine HETL Method 4.1.25	
	10/26/00	QC03-102600	Maine HETL Method 4.2.17	
44471-11	10/26/00	QC04-102600	EPA 524.2 Volatile Organics	
	10/26/00	QC04-102600	Maine HETL Method 4.1.25	
	10/26/00	QC04-102600	Maine HETL Method 4.2.17	
44471-12	10/26/00	MW04-102600	Maine HETL Method 4.1.25	
44471-13	10/26/00	MW04-102600	Maine HETL Method 4.1.25	
44471-14	10/26/00	MW04-102600	Maine HETL Method 4.1.25	

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, and Massachusetts. A list of actual certified tests is available upon request.

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Date 12/14/00

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December 14, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: LABQC

SAMPLE DATA

Lab Sample ID: B510300C
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: N/A
Lab Receipt Date: N/A
Analysis Date: 10/30/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	85 %	d8-Toluene	93 %	Bromofluorobenzene	90 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS: Vinyl Acetate was undetected (U) with a detection limit of 5 ug/L.

8260 ketones

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analytics environmental laboratory LLC

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Mr. Jim Ricker
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1 Wall Street
Manchester NH 03101-1501

December 14, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: QC01-102600

SAMPLE DATA

Lab Sample ID: 44471-8
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/30/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	88 %	d8-Toluene	97 %	Bromofluorobenzene	92 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS: Vinyl Acetate was undetected (U) with a detection limit of 5 ug/L.

8260 ketones

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December 14, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: QC01-102600

SAMPLE DATA

Lab Sample ID: 44471-9
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/30/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.2	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	90 %	d8-Toluene	97 %	Bromofluorobenzene	94 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS: Vinyl Acetate was undetected (U) with a detection limit of 5 ug/L.

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December 14, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: QC03-102600

SAMPLE DATA

Lab Sample ID: 44471-10
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/30/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	**0.73**
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	**3.9**	Isopropylbenzene	0.5	**2.1**
tert-butylbenzene	0.5	**2.1**	p-isopropyltoluene	0.5	**2.6**
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	**5.8**
Chloroform	0.5	U	n-Propylbenzene	0.5	**2.0**
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	**8.4**
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	**1.2**
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	98 %	d8-Toluene	99 %	Bromofluorobenzene	116 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS: Vinyl Acetate was undetected (U) with a detection limit of 5 ug/L.

8260 ketones

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analytics environmental laboratory LLC

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December 14, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: QC04-102600

SAMPLE DATA

Lab Sample ID: 44471-11
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/30/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	92 %	d8-Toluene	101 %	Bromofluorobenzene	96 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS: Vinyl Acetate was undetected (U) with a detection limit of 5 ug/L.

8260 ketones

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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME
Project Number: 10971.218.001.01017.01
Client Sample ID: LABQC

Lab Sample ID: B10300GRO
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date:
Lab Receipt Date:
Analysis Date: 10/31/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	100	%
Bromofluorobenzene	99	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME
Project Number: 10971.218.001.01017.01
Client Sample ID: LABQC

Lab Sample ID: B10310GRO
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 01/03/00
Lab Receipt Date: 01/03/00
Analysis Date: 11/01/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	99 %
Bromofluorobenzene	99 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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November 30, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME
Project Number: 10971.218.001.01017.01
Client Sample ID: QC02-102600

SAMPLE DATA

Lab Sample ID: 44471-9
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/31/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	93	%
Bromofluorobenzene	92	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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November 30, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME
Project Number: 10971.218.001.01017.01
Client Sample ID: QC03-102600

SAMPLE DATA

Lab Sample ID: 44471-10
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/31/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	**308**	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	104 %
Bromofluorobenzene	116 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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November 30, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME
Project Number: 10971.218.001.01017.01
Client Sample ID: QC04-102600

SAMPLE DATA

Lab Sample ID: 44471-11
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/31/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	88	%
Bromofluorobenzene	88	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58, Caribou, ME
Project Number:	10971.218.001.01017.01
Field Sample ID:	LABQC

Lab Sample ID:	B10300DW
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	N/A
Lab Receipt Date:	N/A
Extraction Date:	10/30/00
Analysis Date:	11/03/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	90	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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1 Wall Street
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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58, Caribou, ME
Project Number:	10971.218.001.01017.01
Field Sample ID:	LABQC

Lab Sample ID:	B11020DW
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	N/A
Lab Receipt Date:	N/A
Extraction Date:	11/02/00
Analysis Date:	11/09/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	101	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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November 30, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: QC03-102600

SAMPLE DATA

Lab Sample ID: 44471-10
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Extraction Date: 10/30/00
Analysis Date: 11/03/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
572	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	90	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58, Caribou, ME
Project Number:	10971.218.001.01017.01
Field Sample ID:	QC04-102600

Lab Sample ID:	44471-11
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	10/26/00
Lab Receipt Date:	10/27/00
Extraction Date:	10/30/00
Analysis Date:	11/03/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	88	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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December 4, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Client Sample ID: MW01-102700

SDG: 44471

SAMPLE DATA

Lab Sample ID: 44471-1 - REG
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 0.9
Collection Date: 10/27/2000
Lab Receipt Date: 10/27/2000
Extraction Date: 11/08/2000
Analysis Date: 11/08/2000

ANALYTICAL RESULTS EPA METHOD 504.1

Compound	CAS	Result µg/L	Quantitation Limit µg/L
1,2-Dibromoethane (EDB)	106-93-4	U	**0.02**
1,2-Dibromo-3-chloropropane	96-12-8	U	**0.02**
1,2,3-Trichloropropane	96-18-4	U	**0.02**

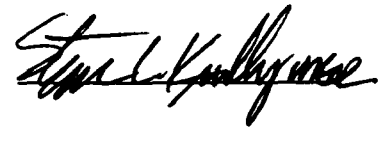
Surrogate Recovery

Surrogate	CAS	Percent Recovery	QC Limits Percent Recovery
1,1,1,2-Tetrachloroethane	630-20-6	97%	**65 - 135**

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

Methodology: US EPA Method 504.1, Methods for Determinations of Organic Compounds in Drinking Water, EPA-600/4-80/083 December, 1988 (Revised 1993).

Comments:

Authorized signature 

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December 4, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Client Sample ID: MW02-102600

SDG: 44471

SAMPLE DATA

Lab Sample ID: 44471-2 - REG
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 0.9
Collection Date: 10/26/2000
Lab Receipt Date: 10/27/2000
Extraction Date: 11/08/2000
Analysis Date: 11/08/2000

ANALYTICAL RESULTS EPA METHOD 504.1

Compound	CAS	Result µg/L	Quantitation Limit µg/L
1,2-Dibromoethane (EDB)	106-93-4	U	0.02
1,2-Dibromo-3-chloropropane	96-12-8	U	0.02
1,2,3-Trichloropropane	96-18-4	U	0.02

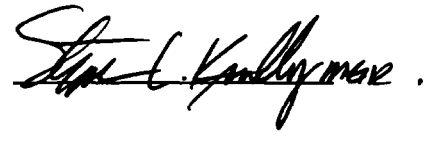
Surrogate Recovery

Surrogate	CAS	Percent Recovery	QC Limits Percent Recovery
1,1,1,2-Tetrachloroethane	630-20-6	93%	65 - 135

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

Methodology: US EPA Method 504.1, Methods for Determinations of Organic Compounds in Drinking Water, EPA-600/4-80/083 December, 1988 (Revised 1993).

Comments:

Authorized signature 

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December 4, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Client Sample ID: MW03-102600

SDG: 44471

SAMPLE DATA

Lab Sample ID: 44471-3 - REG
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 0.9
Collection Date: 10/26/2000
Lab Receipt Date: 10/27/2000
Extraction Date: 11/08/2000
Analysis Date: 11/08/2000

ANALYTICAL RESULTS EPA METHOD 504.1

Compound	CAS	Result µg/L	Quantitation Limit µg/L
1,2-Dibromoethane (EDB)	106-93-4	U	**0.02**
1,2-Dibromo-3-chloropropane	96-12-8	U	**0.02**
1,2,3-Trichloropropane	96-18-4	U	**0.02**

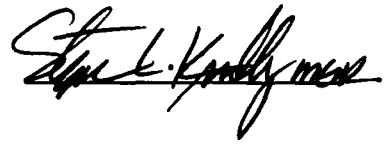
Surrogate Recovery

Surrogate	CAS	Percent Recovery	QC Limits Percent Recovery
1,1,1,2-Tetrachloroethane	630-20-6	100%	**65 - 135**

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

Methodology: US EPA Method 504.1, Methods for Determinations of Organic Compounds in Drinking Water, EPA-600/4-80/083 December, 1988 (Revised 1993).

Comments:

Authorized signature 

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December 4, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Client Sample ID: MW04-102600

SDG: 44471

SAMPLE DATA

Lab Sample ID: 44471-4 - REG
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 0.9
Collection Date: 10/26/2000
Lab Receipt Date: 10/27/2000
Extraction Date: 11/08/2000
Analysis Date: 11/08/2000

ANALYTICAL RESULTS EPA METHOD 504.1

Compound	CAS	Result µg/L	Quantitation Limit µg/L
1,2-Dibromoethane (EDB)	106-93-4	U	**0.02**
1,2-Dibromo-3-chloropropane	96-12-8	U	**0.02**
1,2,3-Trichloropropane	96-18-4	U	**0.02**

Surrogate Recovery

Surrogate	CAS	Percent Recovery	QC Limits Percent Recovery
1,1,1,2-Tetrachloroethane	630-20-6	83%	**65 - 135**

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

Methodology: US EPA Method 504.1, Methods for Determinations of Organic Compounds in Drinking Water, EPA-600/4-80/083 December, 1988 (Revised 1993).

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December 4, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Client Sample ID: MW05-102600

SDG: 44471

SAMPLE DATA

Lab Sample ID: 44471-5 - REG
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 0.9
Collection Date: 10/26/2000
Lab Receipt Date: 10/27/2000
Extraction Date: 11/08/2000
Analysis Date: 11/08/2000

ANALYTICAL RESULTS EPA METHOD 504.1

Compound	CAS	Result µg/L	Quantitation Limit µg/L
1,2-Dibromoethane (EDB)	106-93-4	U	**0.02**
1,2-Dibromo-3-chloropropane	96-12-8	U	**0.02**
1,2,3-Trichloropropane	96-18-4	U	**0.02**

Surrogate Recovery

Surrogate	CAS	Percent Recovery	QC Limits Percent Recovery
1,1,1,2-Tetrachloroethane	630-20-6	88%	**65 - 135**

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

Methodology: US EPA Method 504.1, Methods for Determinations of Organic Compounds in Drinking Water, EPA-600/4-80/083 December, 1988 (Revised 1993).

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December 14, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: MW01-102700

SAMPLE DATA

Lab Sample ID: 44471-1
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 10/27/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/30/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	74 %	d8-Toluene	96 %	Bromofluorobenzene	92 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS: Vinyl Acetate was undetected (U) with a detection limit of 5 ug/L.

8260 ketones

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December 14, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: MW02-102600

SAMPLE DATA

Lab Sample ID: 44471-2
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/30/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	89 %	d8-Toluene	96 %	Bromofluorobenzene	91 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS: Vinyl Acetate was undetected (U) with a detection limit of 5 ug/L.

8260 ketones

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December 14, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: MW03-102600

SAMPLE DATA

Lab Sample ID: 44471-3
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/30/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	92 %	d8-Toluene	93 %	Bromofluorobenzene	89 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS: Vinyl Acetate was undetected (U) with a detection limit of 5 ug/L.

8260 ketones

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December 14, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: MW04-102600

SAMPLE DATA

Lab Sample ID: 44471-4
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/30/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	94 %	d8-Toluene	98 %	Bromofluorobenzene	94 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS: Vinyl Acetate was undetected (U) with a detection limit of 5 ug/L.

8260 ketones

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analytics environmental laboratory LLC

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December 14, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: MW05-102600

SAMPLE DATA

Lab Sample ID: 44471-5
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/30/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	**0.82**
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	**3.7**	Isopropylbenzene	0.5	**2.1**
tert-butylbenzene	0.5	**1.9**	p-isopropyltoluene	0.5	**2.4**
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	**6.1**
Chloroform	0.5	U	n-Propylbenzene	0.5	**1.8**
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	**8.5**
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	**1.3**
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	97 %	d8-Toluene	97 %	Bromofluorobenzene	116 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: *Sample analysis was conducted according to EPA 600, Method 524.2*

COMMENTS: Vinyl Acetate was undetected (U) with a detection limit of 5 ug/L.

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December 14, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: DWVFW-102700

SAMPLE DATA

Lab Sample ID: 44471-6
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 10/27/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/30/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	86 %	d8-Toluene	95 %	Bromofluorobenzene	91 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS: Vinyl Acetate was undetected (U) with a detection limit of 5 ug/L.

8260 ketones

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December 14, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: DWAMAC-102600

SAMPLE DATA

Lab Sample ID: 44471-7
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/30/00

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	**5.7**
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	**2.8**	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	88 %	d8-Toluene	99 %	Bromofluorobenzene	92 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS: Vinyl Acetate was undetected (U) with a detection limit of 5 ug/L.

8260 ketones

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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58, Caribou, ME
Project Number:	10971.218.001.01017.01
Client Sample ID:	MW01-102700

Lab Sample ID:	44471-1
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	10/27/00
Lab Receipt Date:	10/27/00
Analysis Date:	10/31/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	100 %
Bromofluorobenzene	102 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58, Caribou, ME
Project Number:	10971.218.001.01017.01
Client Sample ID:	MW02-102600

Lab Sample ID:	44471-2
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	10/26/00
Lab Receipt Date:	10/27/00
Analysis Date:	10/31/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	103 %
Bromofluorobenzene	105 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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November 30, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME
Project Number: 10971.218.001.01017.01
Client Sample ID: MW03-102600

SAMPLE DATA

Lab Sample ID: 44471-3
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/31/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	111 %
Bromofluorobenzene	110 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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November 30, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME
Project Number: 10971.218.001.01017.01
Client Sample ID: MW04-102600

SAMPLE DATA

Lab Sample ID: 44471-4
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 11/01/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	101	%
Bromofluorobenzene	99	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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November 30, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME
Project Number: 10971.218.001.01017.01
Client Sample ID: MW05-102600

SAMPLE DATA

Lab Sample ID: 44471-5
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/31/00

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Detection Limit
GRO	324	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Detection Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	108 %
Bromofluorobenzene	118 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58, Caribou, ME
Project Number:	10971.218.001.01017.01
Field Sample ID:	MW01-102700

Lab Sample ID:	44471-1
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	10/27/00
Lab Receipt Date:	10/27/00
Extraction Date:	10/30/00
Analysis Date:	11/03/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	90	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: MW02-102600

Lab Sample ID: 44471-2
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Extraction Date: 10/30/00
Analysis Date: 11/03/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	91	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58, Caribou, ME
Project Number:	10971.218.001.01017.01
Field Sample ID:	MW04-102600

Lab Sample ID:	44471-4
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	10/26/00
Lab Receipt Date:	10/27/00
Extraction Date:	11/02/00
Analysis Date:	11/09/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	98	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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analytics environmental laboratory LLC

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Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Jim Ricker
Roy F. Weston, Inc.
1 Wall Street
Manchester NH 03101-1501

November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: MW05-102600

Lab Sample ID: 44471-5
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Extraction Date: 10/30/00
Analysis Date: 11/03/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
570	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	90	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

Authorized signature

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November 30, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME

Project Number: 10971.218.001.01017.01

Field Sample ID: DWVFW-102700

SAMPLE DATA

Lab Sample ID: 44471-6
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 10/27/00
Lab Receipt Date: 10/27/00
Extraction Date: 10/30/00
Analysis Date: 11/03/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	90	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

Authorized signature

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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58, Caribou, ME
Project Number:	10971.218.001.01017.01
Field Sample ID:	DWAMAC-102600

Lab Sample ID:	44471-7
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	10/26/00
Lab Receipt Date:	10/27/00
Extraction Date:	10/30/00
Analysis Date:	11/03/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	89	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58, Caribou, ME
Project Number:	10971.218.001.01017.01
Field Sample ID:	MW04-102600

Lab Sample ID:	44471-12
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	10/26/00
Lab Receipt Date:	10/27/00
Extraction Date:	11/02/00
Analysis Date:	11/09/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	98	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58, Caribou, ME
Project Number:	10971.218.001.01017.01
Field Sample ID:	MW04-102600

Lab Sample ID:	44471-13
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	10/26/00
Lab Receipt Date:	10/27/00
Extraction Date:	11/02/00
Analysis Date:	11/09/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	100	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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November 30, 2000

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58, Caribou, ME
Project Number:	10971.218.001.01017.01
Field Sample ID:	MW04-102600

Lab Sample ID:	44471-14
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	10/26/00
Lab Receipt Date:	10/27/00
Extraction Date:	11/02/00
Analysis Date:	11/09/00

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	98	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME
Project Number: 10971.218.001.01017.01
Client Sample ID: MW01-102700

SAMPLE DATA

Lab Sample ID: 44471-1
Matrix: Aqueous
Percent Solid N/A
Collection Date: 10/27/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/27/00

pH ANALYSIS

Sample	Result	Units
44471-1	**7.20**	pH Units

METHODOLOGY: Sample analyzed according to "EPA SW 846 Method 9040 pH in water"

COMMENTS:

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME
Project Number: 10971.218.001.0017.01
Client Sample ID: MW05-102600

SAMPLE DATA

Lab Sample ID: 44464-1
Matrix: Aqueous
Percent Solid N/A
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/27/00

pH ANALYSIS

Sample	Result	Units
44464-1	**6.91**	pH Units

METHODOLOGY: Sample analyzed according to "EPA SW 846 Method 9040 pH in water"

COMMENTS:

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME
Project Number: 10971.28.001.0017.01
Client Sample ID: MW02-102600

SAMPLE DATA

Lab Sample ID: 44464-2
Matrix: Aqueous
Percent Solid N/A
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/27/00

pH ANALYSIS

Sample	Result	Units
44464-2	7.14	pH Units

METHODOLOGY: Sample analyzed according to "EPA SW 846 Method 9040 pH in water"

COMMENTS:

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME
Project Number: 10971.28.001.0017.01
Client Sample ID: MW04-102600

SAMPLE DATA

Lab Sample ID: 44464-3
Matrix: Aqueous
Percent Solid N/A
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/27/00

pH ANALYSIS

Sample	Result	Units
44464-3	7.19	pH Units

METHODOLOGY: Sample analyzed according to "EPA SW 846 Method 9040 pH in water"

COMMENTS:

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November 1, 2000

CLIENT SAMPLE ID

Project Name: LO-58, Caribou, ME
Project Number: 10971.28.001.0017.01
Client Sample ID: MW03-102600

SAMPLE DATA

Lab Sample ID: 44464-4
Matrix: Aqueous
Percent Solid N/A
Collection Date: 10/26/00
Lab Receipt Date: 10/27/00
Analysis Date: 10/27/00

pH ANALYSIS

Sample	Result	Units
44464-4	**7.18**	pH Units

METHODOLOGY: Sample analyzed according to "EPA SW 846 Method 9040 pH in water"

COMMENTS:

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Mr. Jim Ricker
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Manchester NH 03101-1501

Report Number: 45384

Revision: Rev. 0

Re: LO-58

10971.218.001.0017

Enclosed are the results of the analyses on your sample(s). Samples were received on 17 May 2001 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
45384-1	05/16/01	MW01-051601	EPA 504	
	05/16/01	MW01-051601	EPA 524.2 Volatile Organics	
	05/16/01	MW01-051601	Maine HETL Method 4.1.25	
	05/16/01	MW01-051601	Maine HETL Method 4.2.17	
45384-2	05/15/01	MW02-051501	EPA 504	
	05/15/01	MW02-051501	EPA 524.2 Volatile Organics	
	05/15/01	MW02-051501	Maine HETL Method 4.1.25	
	05/15/01	MW02-051501	Maine HETL Method 4.2.17	
45384-3	05/15/01	MW03-051501	EPA 504	
	05/15/01	MW03-051501	EPA 524.2 Volatile Organics	
	05/15/01	MW03-051501	Maine HETL Method 4.1.25	
	05/15/01	MW03-051501	Maine HETL Method 4.2.17	
45384-4	05/15/01	MW04-051501	EPA 504	
	05/15/01	MW04-051501	EPA 524.2 Volatile Organics	
	05/15/01	MW04-051501	Maine HETL Method 4.1.25	
	05/15/01	MW04-051501	Maine HETL Method 4.2.17	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, North Carolina and is validated by the U.S. Army Corps of Engineers. A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature

Date 6/7/01

analytics environmental laboratory LLC

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Mr. Jim Ricker
Roy F. Weston, Inc.
1 Wall Street
Manchester NH 03101-1501

Report Number: 45384

Revision: Rev. 0

Re: LO-58

10971.218.001.0017

Enclosed are the results of the analyses on your sample(s). Samples were received on 17 May 2001 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
45384-5	05/16/01	MW05-051601	EPA 504	
	05/16/01	MW05-051601	EPA 524.2 Volatile Organics	
	05/16/01	MW05-051601	Maine HETL Method 4.1.25	
	05/16/01	MW05-051601	Maine HETL Method 4.2.17	
45384-6	05/15/01	DWVFW-051501	EPA 524.2 Volatile Organics	
	05/15/01	DWVFW-051501	Maine HETL Method 4.1.25	
45384-7	05/15/01	DWAMAC-051501	EPA 524.2 Volatile Organics	
	05/15/01	DWAMAC-051501	Maine HETL Method 4.1.25	
45384-8	05/15/01	QC01-051501	EPA 524.2 Volatile Organics	
	05/15/01	QC01-051501	Maine HETL Method 4.2.17	
45384-9	05/15/01	QC02-051501	EPA 524.2 Volatile Organics	
	05/15/01	QC02-051501	Maine HETL Method 4.1.25	
	05/15/01	QC02-051501	Maine HETL Method 4.2.17	
45384-10	05/16/01	QC03-051601	EPA 524.2 Volatile Organics	
	05/16/01	QC03-051601	Maine HETL Method 4.1.25	
	05/16/01	QC03-051601	Maine HETL Method 4.2.17	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, North Carolina and is validated by the U.S. Army Corps of Engineers. A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature Stephen J. Kunkle MCK

Date 6/7/01

analytics environmental laboratory LLC

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May 25, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Field Sample ID: LABQC

SAMPLE DATA

Lab Sample ID: B505231C
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Analysis Date: 05/23/01

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	106 %	d8-Toluene	101 %	Bromofluorobenzene	96 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

8260/524 no ketones

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May 25, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Field Sample ID: MW01-051601

SAMPLE DATA

Lab Sample ID: 45384-1
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 05/16/01
Lab Receipt Date: 05/17/01
Analysis Date: 05/23/01

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	101 %	d8-Toluene	100 %	Bromofluorobenzene	97 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

8260/524 no ketones

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May 25, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Field Sample ID: MW02-051501

SAMPLE DATA

Lab Sample ID: 45384-2
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 05/15/01
Lab Receipt Date: 05/17/01
Analysis Date: 05/23/01

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	116 %	d8-Toluene	103 %	Bromofluorobenzene	102 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

8260/524 no ketones

Authorized signature

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Mr. Jim Ricker
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1 Wall Street
Manchester NH 03101-1501

May 25, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Field Sample ID: MW03-051501

SAMPLE DATA

Lab Sample ID: 45384-3
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 05/15/01
Lab Receipt Date: 05/17/01
Analysis Date: 05/23/01

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	**0.46 J**
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	109 %	d8-Toluene	107 %	Bromofluorobenzene	96 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

8260/524 no ketones

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May 25, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Field Sample ID: MW04-051501

SAMPLE DATA

Lab Sample ID: 45384-4
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 05/15/01
Lab Receipt Date: 05/17/01
Analysis Date: 05/23/01

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	122 %	d8-Toluene	105 %	Bromofluorobenzene	96 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

8260/524 no ketones

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May 25, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Field Sample ID: MW05-051601

SAMPLE DATA

Lab Sample ID: 45384-5
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 05/16/01
Lab Receipt Date: 05/17/01
Analysis Date: 05/23/01

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	2.5	Isopropylbenzene	0.5	0.65
tert-butylbenzene	0.5	1.2	p-isopropyltoluene	0.5	1.0
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	0.81
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	0.36 J
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	0.60
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane 114 % d8-Toluene 104 % Bromofluorobenzene 106 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

8260/524 no ketones

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May 25, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Field Sample ID: DWVFW-051501

SAMPLE DATA

Lab Sample ID: 45384-6
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 05/15/01
Lab Receipt Date: 05/17/01
Analysis Date: 05/23/01

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	110 %	d8-Toluene	103 %	Bromofluorobenzene	98 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

8260/524 no ketones

Authorized signature

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May 25, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218:001.0017

Field Sample ID: DWAMAC-051501

SAMPLE DATA

Lab Sample ID: 45384-7
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 05/15/01
Lab Receipt Date: 05/17/01
Analysis Date: 05/23/01

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	4.5
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	2.0	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	111 %	d8-Toluene	104 %	Bromofluorobenzene	97 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

8260/524 no ketones

Authorized signature

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May 25, 2001

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Field Sample ID: QC01-051501

Lab Sample ID: 45384-8
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 05/15/01
Lab Receipt Date: 05/17/01
Analysis Date: 05/23/01

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	106 %	d8-Toluene	105 %	Bromofluorobenzene	92 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

8260/524 no ketones

Authorized signature

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May 25, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Field Sample ID: QC02-051501

SAMPLE DATA

Lab Sample ID: 45384-9
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 05/15/01
Lab Receipt Date: 05/17/01
Analysis Date: 05/23/01

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	15	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	110 %	d8-Toluene	103 %	Bromofluorobenzene	96 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

8260/524 no ketones

Authorized signature Steph L. Goodhymer

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May 25, 2001

SAMPLE DATA

Lab Sample ID: 45384-10
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1.0
Collection Date: 05/16/01
Lab Receipt Date: 05/17/01
Analysis Date: 05/23/01

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017
Field Sample ID: QC03-051601

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	**2.5**	Isopropylbenzene	0.5	**0.69**
tert-butylbenzene	0.5	**1.2**	p-isopropyltoluene	0.5	**1.1**
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	**0.86**
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	**0.38 J**
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	**0.64**
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.1	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	113 %	d8-Toluene	106 %	Bromofluorobenzene	111 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

8260/524 no ketones

Authorized signature Steven L. Koenigsmark

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June 1, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Client Sample ID: LABQC

SDG: 45384

SAMPLE DATA

Lab Sample ID: B05251EDW - IB
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 1
Collection Date: NA
Lab Receipt Date: NA
Extraction Date: 05/25/2001
Analysis Date: 05/25/2001

ANALYTICAL RESULTS EPA METHOD 504.1

Compound	CAS	Result µg/L	Quantitation Limit µg/L
1,2-Dibromoethane (EDB)	106-93-4	U	0.02
1,2-Dibromo-3-chloropropane	96-12-8	U	0.02
1,2,3-Trichloropropane	96-18-4	U	0.02

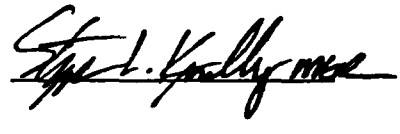
Surrogate Recovery

Surrogate	CAS	Percent Recovery	QC Limits Percent Recovery
1,1,1,2-Tetrachloroethane	630-20-6	84%	65 - 135

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

Methodology: US EPA Method 504.1, Methods for Determinations of Organic Compounds in Drinking Water, EPA-600/4-80/083 December, 1988 (Revised 1993).

Comments:

Authorized signature 

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June 1, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Client Sample ID: MW01-051601

SDG: 45384

SAMPLE DATA

Lab Sample ID: 45384-1 - REG
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 0.9
Collection Date: 05/16/2001
Lab Receipt Date: 05/17/2001
Extraction Date: 05/25/2001
Analysis Date: 05/25/2001

ANALYTICAL RESULTS EPA METHOD 504.1

Compound	CAS	Result µg/L	Quantitation Limit µg/L
1,2-Dibromoethane (EDB)	106-93-4	U	0.02
1,2-Dibromo-3-chloropropane	96-12-8	U	0.02
1,2,3-Trichloropropane	96-18-4	U	0.02

Surrogate Recovery

Surrogate	CAS	Percent Recovery	QC Limits Percent Recovery
1,1,1,2-Tetrachloroethane	630-20-6	95%	65 - 135

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

Methodology: US EPA Method 504.1, Methods for Determinations of Organic Compounds in Drinking Water, EPA-600/4-80/083 December, 1988 (Revised 1993).

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June 1, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Client Sample ID: MW02-051501

SDG: 45384

SAMPLE DATA

Lab Sample ID: 45384-2 - REG
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 0.9
Collection Date: 05/15/2001
Lab Receipt Date: 05/17/2001
Extraction Date: 05/25/2001
Analysis Date: 05/25/2001

ANALYTICAL RESULTS EPA METHOD 504.1

Compound	CAS	Result µg/L	Quantitation Limit µg/L
1,2-Dibromoethane (EDB)	106-93-4	U	0.02
1,2-Dibromo-3-chloropropane	96-12-8	U	0.02
1,2,3-Trichloropropane	96-18-4	U	0.02

Surrogate Recovery

Surrogate	CAS	Percent Recovery	QC Limits Percent Recovery
1,1,1,2-Tetrachloroethane	630-20-6	103%	65 - 135

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

Methodology: US EPA Method 504.1, Methods for Determinations of Organic Compounds in Drinking Water, EPA-600/4-80/083 December, 1988 (Revised 1993).

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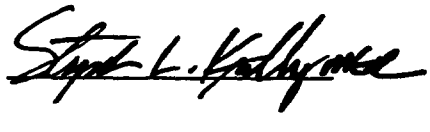
Authorized signature 

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June 1, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Client Sample ID: MW03-051501

SDG: 45384

SAMPLE DATA

Lab Sample ID: 45384-3 - REG
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 0.9
Collection Date: 05/15/2001
Lab Receipt Date: 05/17/2001
Extraction Date: 05/25/2001
Analysis Date: 05/25/2001

ANALYTICAL RESULTS EPA METHOD 504.1

Compound	CAS	Result µg/L	Quantitation Limit µg/L
1,2-Dibromoethane (EDB)	106-93-4	U	**0.02**
1,2-Dibromo-3-chloropropane	96-12-8	U	**0.02**
1,2,3-Trichloropropane	96-18-4	U	**0.02**

Surrogate Recovery

Surrogate	CAS	Percent Recovery	QC Limits Percent Recovery
1,1,1,2-Tetrachloroethane	630-20-6	107%	**65 - 135**

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

Methodology: US EPA Method 504.1, Methods for Determinations of Organic Compounds in Drinking Water, EPA-600/4-80/083 December, 1988 (Revised 1993).

Comments:

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June 1, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Client Sample ID: MW04-051501

SDG: 45384

SAMPLE DATA

Lab Sample ID: 45384-4 - REG
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 0.9
Collection Date: 05/15/2001
Lab Receipt Date: 05/17/2001
Extraction Date: 05/25/2001
Analysis Date: 05/25/2001

ANALYTICAL RESULTS EPA METHOD 504.1

Compound	CAS	Result µg/L	Quantitation Limit µg/L
1,2-Dibromoethane (EDB)	106-93-4	U	0.02
1,2-Dibromo-3-chloropropane	96-12-8	U	0.02
1,2,3-Trichloropropane	96-18-4	U	0.02

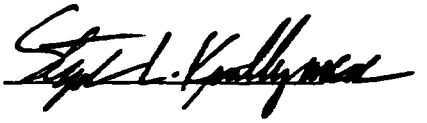
Surrogate Recovery

Surrogate	CAS	Percent Recovery	QC Limits Percent Recovery
1,1,1,2-Tetrachloroethane	630-20-6	103%	65 - 135

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

Methodology: US EPA Method 504.1, Methods for Determinations of Organic Compounds in Drinking Water, EPA-600/4-80/083 December, 1988 (Revised 1993).

Comments:

Authorized signature 

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June 6, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Client Sample ID: MW05-051601

SDG: 45384

SAMPLE DATA

Lab Sample ID: 45384-5 - REG
Matrix: Aqueous
Percent Solid: NA
Dilution Factor: 0.9
Collection Date: 05/16/2001
Lab Receipt Date: 05/17/2001
Extraction Date: 05/25/2001
Analysis Date: 05/25/2001

ANALYTICAL RESULTS EPA METHOD 504.1

Compound	CAS	Result µg/L	Quantitation Limit µg/L
1,2-Dibromoethane (EDB)	106-93-4	U	0.02
1,2-Dibromo-3-chloropropane	96-12-8	U	0.02
1,2,3-Trichloropropane	96-18-4	U	0.02

Surrogate Recovery

Surrogate	CAS	Percent Recovery	QC Limits Percent Recovery
1,1,1,2-Tetrachloroethane	630-20-6	107%	65 - 135

U=Not Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

Methodology: US EPA Method 504.1, Methods for Determinations of Organic Compounds in Drinking Water, EPA-600/4-80/083 December, 1988 (Revised 1993).

Comments:

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May 23, 2001

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Client Sample ID:	LABQC

Lab Sample ID:	B05211GRO
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	
Lab Receipt Date:	
Analysis Date:	05/21/01

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Quantitation Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Quantitation Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

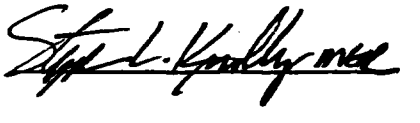
Surrogate Standard Recovery

Trifluorotoluene	111 %
Bromofluorobenzene	102 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

Authorized signature 

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May 23, 2001

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Client Sample ID:	MW01-051601

Lab Sample ID:	45384-1
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	05/16/01
Lab Receipt Date:	05/17/01
Analysis Date:	05/22/01

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Quantitation Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Quantitation Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	111 %
Bromofluorobenzene	104 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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May 23, 2001

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Client Sample ID:	MW02-051501

SAMPLE DATA

Lab Sample ID:	45384-2
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	05/15/01
Lab Receipt Date:	05/17/01
Analysis Date:	05/22/01

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Quantitation Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Quantitation Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	102 %
Bromofluorobenzene	97 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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May 23, 2001

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Client Sample ID:	MW03-051501

Lab Sample ID:	45384-3
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	05/15/01
Lab Receipt Date:	05/17/01
Analysis Date:	05/22/01

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Quantitation Limit
GRO	68	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Quantitation Limit
MTBE	9	µg/L	5
Benzene	2	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	132 %
Bromofluorobenzene	116 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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May 23, 2001

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Client Sample ID:	MW04-051501

Lab Sample ID:	45384-4
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	05/15/01
Lab Receipt Date:	05/17/01
Analysis Date:	05/22/01

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Quantitation Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Quantitation Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	97 %
Bromofluorobenzene	93 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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May 23, 2001

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Client Sample ID:	MW05-051601

Lab Sample ID:	45384-5
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	05/16/01
Lab Receipt Date:	05/17/01
Analysis Date:	05/22/01

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Quantitation Limit
GRO	152	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Quantitation Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	101 %
Bromofluorobenzene	101 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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May 23, 2001

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Client Sample ID:	QC01-051501

Lab Sample ID:	45384-8
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	05/15/01
Lab Receipt Date:	05/17/01
Analysis Date:	05/22/01

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Quantitation Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Quantitation Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

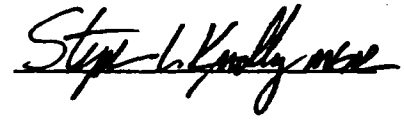
Surrogate Standard Recovery

Trifluorotoluene	102 %
Bromofluorobenzene	95 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

Authorized signature 

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Mr. Jim Ricker
Roy F. Weston, Inc.
1 Wall Street
Manchester NH 03101-1501

May 23, 2001

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Client Sample ID:	QC02-051501

Lab Sample ID:	45384-9
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	05/15/01
Lab Receipt Date:	05/17/01
Analysis Date:	05/22/01

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Quantitation Limit
GRO	U	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Quantitation Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	105 %
Bromofluorobenzene	104 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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June 7, 2001

CLIENT SAMPLE ID

Project Name: LO-58
Project Number: 10971.218.001.0017
Client Sample ID: QC03-051601

SAMPLE DATA

Lab Sample ID: 45384-10
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1
Collection Date: 05/16/01
Lab Receipt Date: 05/17/01
Analysis Date: 05/22/01

ANALYTICAL RESULTS GASOLINE RANGE ORGANICS

Compound	Result	Units	Quantitation Limit
GRO	171	µg/L	10

ESTIMATED TARGET CONCENTRATIONS

Compound	Result	Units	Quantitation Limit
MTBE	U	µg/L	5
Benzene	U	µg/L	1

Surrogate Standard Recovery

Trifluorotoluene	115	%
Bromofluorobenzene	113	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to: "Maine HETL Method 4.2.17, September 6, 1995."

COMMENTS:

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May 30, 2001

SAMPLE DATA

Lab Sample ID:	B05181DW
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	N/A
Lab Receipt Date:	N/A
Extraction Date:	05/18/01
Analysis Date:	05/29/01

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Field Sample ID:	LABQC

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	103	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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May 30, 2001

SAMPLE DATA

Lab Sample ID:	45384-1
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	05/16/01
Lab Receipt Date:	05/17/01
Extraction Date:	05/18/01
Analysis Date:	05/30/01

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Field Sample ID:	MW01-051601

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	96	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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May 30, 2001

SAMPLE DATA

Lab Sample ID:	45384-2
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	05/15/01
Lab Receipt Date:	05/17/01
Extraction Date:	05/18/01
Analysis Date:	05/29/01

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Field Sample ID:	MW02-051501

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	94	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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May 30, 2001

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Field Sample ID:	MW03-051501

Lab Sample ID:	45384-3
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	05/15/01
Lab Receipt Date:	05/17/01
Extraction Date:	05/18/01
Analysis Date:	05/29/01

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	95	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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May 30, 2001

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Field Sample ID:	MW04-051501

Lab Sample ID:	45384-4
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	05/15/01
Lab Receipt Date:	05/17/01
Extraction Date:	05/18/01
Analysis Date:	05/29/01

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	94	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

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May 30, 2001

CLIENT SAMPLE ID

Project Name: LO-58

Project Number: 10971.218.001.0017

Field Sample ID: MW05-051601

SAMPLE DATA

Lab Sample ID: 45384-5
Matrix: Aqueous
Percent Solid: N/A
Dilution Factor: 1.0
Collection Date: 05/16/01
Lab Receipt Date: 05/17/01
Extraction Date: 05/18/01
Analysis Date: 05/29/01

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
301	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	93	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

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May 30, 2001

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Field Sample ID:	DWVFW-051501

Lab Sample ID:	45384-6
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	05/15/01
Lab Receipt Date:	05/17/01
Extraction Date:	05/18/01
Analysis Date:	05/29/01

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	97	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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May 30, 2001

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Field Sample ID:	DWAMAC-051501

Lab Sample ID:	45384-7
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	05/15/01
Lab Receipt Date:	05/17/01
Extraction Date:	05/18/01
Analysis Date:	05/29/01

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	93	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

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May 30, 2001

SAMPLE DATA

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Field Sample ID:	QC02-051501

Lab Sample ID:	45384-9
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	05/15/01
Lab Receipt Date:	05/17/01
Extraction Date:	05/18/01
Analysis Date:	05/29/01

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
U	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	94	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

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May 30, 2001

SAMPLE DATA

Lab Sample ID:	45384-10
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1.0
Collection Date:	05/16/01
Lab Receipt Date:	05/17/01
Extraction Date:	05/18/01
Analysis Date:	05/29/01

CLIENT SAMPLE ID

Project Name:	LO-58
Project Number:	10971.218.001.0017
Field Sample ID:	QC03-051601

ANALYTICAL RESULTS DIESEL RANGE ORGANICS

Result	Units	Quantitation Limit
294	µg/L	50

Surrogate Standard Recovery

m-Terphenyl	91	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

COMMENTS:

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