FINAL
ANNUAL GROUNDWATER MONITORING REPORT
BUILDINGS TT-2477/78

NCDENR Incident Number: 7176
Marine Corps Base
Camp Lejeune, North Carolina

June 29, 2008

Prepared for:

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Contract Number: N62470-04-D-0205
Task Order: 0019

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

LIST OF ACRONYMS

2000 Guidelines	Groundwater Section Guidelines for Investigation and Remediation of Soil and Groundwater
2001 Guidelines	Guidelines for Assessment and Corrective Action, North Carolina Underground Storage Tank Section (Effective July 1, 2001)
2L GWQS	NCAC T15A:02L Groundwater Quality Standards
AS	Air Sparge
AST	Aboveground Storage Tank
BDL	Below Detection Limit
BN	Base/Neutral (extractables)
BNA	Base/Neutral/Acid (extractables)
BQL	Below Quantitation Limit
BLS	Below Land Surface
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CAP	Corrective Action Plan
CFR	Code of Federal Regulations
Cr	Chromium
CSA	Comprehensive Site Assessment
DIPE	Di-isopropyl Ether
DO	Dissolved Oxygen
DOD	Department of Defense
DPT	Direct Push Technology
DWQ	Division of Water Quality
DWM	Division of Waste Management
DTW	Depth to Water
EDB	Ethylene di-bromide
EMD	Environmental Management Division
EPA	Environmental Protection Agency
EPH	Extractable Petroleum Hydrocarbons
EQB	Environmental Quality Branch
Fe	Iron
FID	Flame Ionization Detector
FT	Feet
GCL	Gross Contaminant Level
GIS	Geographic Information System
GPS	Global Positioning System
Guidelines Vol. II	Groundwater Section Guidelines for Investigation and Remediation of Soil and Groundwater, Volume II, Petroleum Underground Storage Tanks (January 2, 1998)
HDPE	High Density Polyethylene
I/C	Industrial/Commercial
ID	Identification
I&E	Installations and Environment Department
IGWQS	Interim Groundwater Quality Standards
IPE	Isopropyl Ether
LSA	Limited Site Assessment
LUST	Leaking Underground Storage Tank
m	Meter
MADEP	Massachusetts Department of Environmental Protection
MCAS	Marine Corps Air Station
MCB	Marine Corps Base

MDL	Method Detection Limit
mg/Kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
MSCC	Maximum Soil Contaminant Concentration
MSL	Mean Sea Level
MTBE	Methyl tertiary butyl ether
g/Kg	Micrograms per Kilogram
g/L	Micrograms per Liter
NA	Not Analyzed
N/A	Not Applicable
NAVFAC	Naval Facilities Engineering Command Atlantic
NC	North Carolina
NCAC	North Carolina Administrative Code
NCDENR	North Carolina Department of Environment and Natural Resources
NE	None Established
NM	Not Measured
NMT	No Measurable Thickness
NS	Not Sampled
OVA	Organic Vapor Analyzer
PAH	Polynuclear Aromatic Hydrocarbons
Pb	Lead
PPB	Parts Per Billion
PPM	Parts Per Million
PID	Photo Ionization Detector
PQL	Practical Quantitation Limit
PVC	Polyvinyl chloride
RBCA	Risk-Based Corrective Action
RCRA	Resource Conservation and Recovery Act
Res	Residential
SOW	Scope of Work
STGW	Soil-to-Groundwater
SVE	Soil Vapor Extraction
SVOC	Semi Volatile Organic Compound
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TOC	Top of Casing
TPH	Total Petroleum Hydrocarbons
US	United States
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
VOC	Volatile Organic Compounds
VPH	Volatile Petroleum Hydrocarbons
WiRO	NCDENR Wilmington Regional Office

EXECUTIVE SUMMARY

Buildings TT-2477 and TT-2478 are located in the Tarawa Terrace residential area of MCB, Camp Lejeune, North Carolina. Building TT-2477 is currently utilized as a chapel. It was built in the early 1950s, however, as a full service gas station with vehicle maintenance capabilities. Three underground storage tanks (USTs) were located in the vicinity of this building. A 10,000 gallon gasoline tank, a 500 gallon hydraulic fluid tank, and a 500 gallon heating oil tank were removed from the site in 1992.

Building TT-2478 is currently a Marine Corps Community Services (MCCS) gas station with two pump islands located in front of the building. Four USTs were formerly located north of the pump islands. These included three 10,000-gallon fiberglass USTs used to hold gasoline and one 10,000-gallon UST used to hold diesel fuel. In August and September 1995, the three 10,000-gallon USTs and the associated distribution lines and dispensers were removed.

Various assessments were performed at the site in the early 1990s. Assessment work focused on the tanks at Buildings TT-2477 and TT-2478, as well as tanks located at TT-2453. Building TT-2453 was utilized as a gas station until 1987, when it was then used as a MCCS recreational equipment issue. The building was later demolished in 2001. There were seven USTs in the vicinity of the building, one AST, two hydraulic lifts, and the former dispenser islands and associated UST piping. Six of the tanks were removed from the site in 1987, with the remainder of the systems removed during building demolition in 2001. The Building TT-2453 area was incorporated into the TT-2477/78 site in 2002.

Assessments of the site showed the presence of shallow groundwater contamination. The contaminant plume was identified in the vicinity of TT-2478 and extended southward approximately 800 feet. Contamination was also identified in the TT-2453 area, and free product was present at the site.

Law Engineering and Environmental Services, Inc. (Law) prepared a Corrective Action Plan (CAP) in 1996 that recommended the installation of an Air Sparge/Soil Vapor Extraction (AS/SVE) system. The system was placed in operation in October 1997 and operated continuously until shut down in May 2004. The system was expanded in March 1998 and again in April 2001 to treat contamination in the vicinity of TT-2453.

CATLIN Engineers and Scientists (CATLIN) conducted an optimization study at the site, dated February 24, 2004. In the report, they recommended to conduct additional soil sampling for Risk Based analyses, shut down the groundwater remediation system, and conduct groundwater sampling to monitor rebound effects. The system was deactivated in May 2004, and post operational monitoring began at the site. Groundwater contaminant levels have been below Gross Contaminant Levels (GCLs) at the site throughout the post operational monitoring phase.

The current monitoring event was conducted in November 2007. Site activities included groundwater gauging and sampling of the 30 targeted site monitoring wells. Note that four monitoring wells were unable to be sampled this year due to well obstruction or dryness. This report outlines and describes site activities as performed by Sovereign during the November 2007 gauging and sampling event. Samples were analyzed for volatiles and semi-volatile

compounds via EPA Methods 602 and 625 in accordance with the program scope of work, as well as volatile and extractable hydrocarbons using the MADEP methods.

No measurable free product was identified during the monitoring period. Several volatile and semi-volatile compounds were detected at the site above North Carolina Groundwater Quality Standards (NCGWQSs) but below applicable GCLs. MADEP compounds were also detected above their applicable groundwater standards. All other detections were below 2L standards.

Supplemental soil sampling was conducted at the site in February 2008 and the results were submitted to the NCDENR in a Final Soil Sampling Report, dated May 2008. This report reclassified the site as industrial/commercial land use. The NCDENR, in a May 28, 2008 response letter, approved the industrial/commercial land use designation.

Site TT2477/78 is classified as low risk with industrial/commercial land use; therefore the groundwater GCLs and industrial/commercial MSCCs (soil) are applicable. Based on the historical and current monitoring period data a NFA with LUR should be considered for the site.

1.0 TITLE PAGE

DATE OF REPORT: June 29, 2008
Facility I.D.: TT 2477/78 UST Incident Number: 7176
Site Name: Marine Corps Community Service Station
Site Location: Marine Corps Base Camp Lejeune, North Carolina
Nearest City/Town: Camp Lejeune County: Onslow
Risk Classification: Low Risk Land Use Classification: Industrial/Commercial

UST Owner: Commanding General – MCB Camp Lejeune
I&E/EMD/EQB
PSC Box 20004
Address: MCB Camp Lejeune, NC 28542-0004 Phone: (910) 451-5068

UST Operator: Same as above
Address: Same as above Phone: Same as above

Property Owner: Same as above
Address: Same as above Phone: Same as above

Property Occupant: same as above
Address: same as above Phone: Same as above

Consultant/Contractor: Sovereign Consulting Inc.
Address: 405 Oakmears Crescent, Suite 1
Virginia Beach, VA 23464 Phone: (757) 456-5093

Release Information

Date Discovered: Unknown
Estimated Quantity of Release: Unknown
Cause of Release: Unknown
Source of Release (Piping/UST): USTs and piping
Sizes and contents of UST system(s) from which the release occurred: The former system consisted of four 10,000-gallon gasoline USTs, one 10,000-gallon diesel UST, one 500-gallon hydraulic/gear oil UST, one 500-gallon heating oil UST, associated piping, and various sized systems in the vicinity of Building TT-2453.

*I, **Kevin P. Wheeler** a Professional Geologist for Sovereign Consulting Inc., do certify that the information contained in this report is correct and accurate to the best of my knowledge.*

2.0 INTRODUCTION

The purpose of this report is to summarize data from groundwater gauging and sampling events at TT-2477 and TT-2478 aboard MCB Camp Lejeune, North Carolina. The data was collected from the monitoring period of June 2007 – May 2008. The project's scope of work entailed one gauging event of thirty (30) targeted groundwater monitoring wells and the sampling of thirty (30) groundwater monitoring wells. These wells are monitored and sampled every other year and were last sampled during the 2005 – 2006 monitoring period. The gauging event was conducted to measure and record the depth to free product (if present) and depth to groundwater. The annual sampling event was conducted to analyze the site groundwater for petroleum constituents using USEPA Methods 602, 625, and the Massachusetts Department of Environmental Protection (MADEP) methods for VPH/EPH. Data for Sovereign's November 2007 gauging and sampling event are presented in this report.

3.0 SITE HISTORY

Buildings TT-2477 and TT-2478 are located in the Tarawa Terrace residential area of MCB, Camp Lejeune, North Carolina (Figure 1). Building TT-2477 is on the west side of Iwo Jima Boulevard, approximately 600 feet north of its intersection with Tarawa Boulevard. Building TT-2478 is approximately 250 feet further north on the same side of Iwo Jima Boulevard.

Building TT-2477 is currently utilized as a chapel. It was built in the early 1950s, however, as a full service gas station with vehicle maintenance capabilities. Three underground storage tanks (USTs) were located in the vicinity of this building. A 10,000 gallon gasoline tank, a 500 gallon hydraulic fluid tank, and a 500 gallon heating oil tank were removed from the site in 1992.

Building TT-2478 is currently a Marine Corps Community Services gas station with two pump islands located in front of the building. Four USTs were formerly located north of the pump islands. These included three 10,000-gallon fiberglass USTs used to hold gasoline and one 10,000-gallon UST used to hold diesel fuel. In August and September 1995, the three 10,000-gallon gasoline USTs and the associated distribution lines and dispensers were removed. During the UST removal, approximately 578 tons of petroleum-contaminated gravel and soil was excavated and disposed of offsite.

Various assessments were performed at the site in the early 1990s. Assessment work focused on the tanks at Buildings TT-2477 and TT-2478, as well as tanks located at TT-2453. Building TT-2453 was utilized as a gas station until 1987, when it was used for Marine Corps Community Services recreational equipment issue. The building was later demolished in 2001. There were seven USTs in the vicinity of the building, one AST, two hydraulic lifts, and the former dispenser islands and associated UST piping. Six of the tanks were removed from the site in 1987, with the remainder of the systems removed during building demolition in 2001. The Building TT-2453 area was incorporated into the TT-2477/78 site in 2002.

Assessments of the site showed the presence of shallow groundwater contamination. The contaminant plume was identified in the vicinity of TT-2478 and extended southward approximately 800 feet. Contaminant levels in the TT-2477 area were to a much lesser extent, and contamination was also identified in the TT2453 area.

Free product was identified as a problem at the site. A layer of free product was detected in the vicinity of the USTs at Building TT-2478. A free product recovery system was installed in the area, and from 1993 through mid 1997, the recovery system collected approximately 229 gallons of free product. Free product recovery was also performed at Building TT-2477. From mid 1994 to early 1995, approximately 1 gallon of free product was recovered.

Law Engineering and Environmental Services, Inc. (LAW) prepared a CAP in 1996 that recommended the installation of an AS/SVE system. The system was placed in operation in October 1997 and operated continuously until shut down in May 2004. The system was expanded in March 1998 and again in April 2001 to treat contamination in the vicinity of TT-2453.

CATLIN conducted an optimization study at the site, dated February 2004, to review the effectiveness of the remedial action at the site. The 2004 optimization report concluded that the remediation system was effective in reducing petroleum constituent concentrations at the site. CATLIN recommended in the report to conduct additional soil sampling for Risk Based analyses, shut down the groundwater remediation system, and conduct groundwater sampling to monitor rebound effects. The system was subsequently deactivated in May 2004. Shaw conducted post operational monitoring at the site in April and October 2004. Groundwater contaminants remained below GCLs at the site. Historical data tables are included in Appendix A.

During the 2005 - 2006 monitoring period, Sovereign Consulting Inc. (Sovereign) conducted monitoring well gauging and sampling of site monitoring wells based on the scope of work for NAVFAC Midlant Contract # N62470-04-D-0205 Contract Task Order 0007. The remediation system was no longer in operation, so system O&M was not conducted. The following wells were gauged monthly: 2477-MW01 – 2477-MW14, 2477-MWOB01, 2477-MWOB10, 2478-PW01, 2478-MW01 – 2478-MW07, 2478-MW09, 2478-MW10, 2478-MW12, 2478-MW13, 2478-MW14, 2478-MW14D, 2478-MW15, 2478-MW16, 2478-MW17, 2478-MW17D, 2478-MW18, 2478-MW19, 2478-MW20, 2478-MW21D, 2478-MW22 - 2478-MW25, 2478-MWSS100, and 2478-MWPVC101. A total of 17 monitoring wells were sampled as part of the April 2006 groundwater sampling event – 2477-MW01, 2477-MW02, 2477-MW06, 2477-MW11, 2477-MW14, 2477-MWOB01, 2477-MWOB10, 2477-MWPVC101, 2478-MW17, 2478-MW17D, 2478-MW18, 2478-MW19, 2478-MW20, 2478-MW21D, 2478-MW23, 2478-MW24, and 2478-MWSS100. Samples were analyzed for volatiles and semi-volatile compounds via EPA Methods 602 and 625 in accordance with the programs 2005-2006 scope of work, as well as volatile and extractable hydrocarbons using the MADEP methods.

Supplemental soil sampling was conducted at the site in February 2008 and the results were submitted to the NCDENR in a Final Soil Sampling Report, dated May 2008. This report reclassified the site as industrial/commercial land use. The NCDENR, in a May 28, 2008 response letter, approved the industrial/commercial land use designation.

The current monitoring event was conducted in November 2007. Site activities included groundwater gauging and biennial sampling of 30 site monitoring wells. Note that four wells were unable to be sampled this year due to well obstruction or dryness. This report outlines and describes site activities as performed by Sovereign during the November 2007 gauging and

sampling event. Samples were analyzed for volatiles and semi-volatile compounds via EPA Methods 602 and 625 in accordance with the program scope of work, as well as volatile and extractable hydrocarbons using the MADEP methods.

4.0 GAUGING AND SAMPLING RESULTS

The current field program for the Buildings TT-2477 and TT-2478 site consist of groundwater gauging and biennial sampling of approximately 30 monitoring wells. Activities were conducted in accordance with NCDENR guidance.

4.1 MONITORING WELL GAUGING

A total of twenty eight (28) groundwater monitoring wells (not including those that were dry or obstructed) were included in the post-operational gauging activities. Monitoring wells were gauged in November 2007 using an oil water interface probe capable of measuring the depth to water and depth to product (if present) to the nearest 0.01 foot. Gauging data for each monitoring well was recorded and compared to each monitoring well's top of casing elevation, where available in order to generate a groundwater contour map (Figure 4). The gauging data is summarized in Tables 2 and 3. No measurable free product was detected at any site monitoring well designated for gauging during the 2007-2008 monitoring period. Based on the groundwater elevations, the overall groundwater flow direction in the vicinity of TT-2477 is to the south. In the vicinity of TT-2478, some groundwater mounding is observed in the area of the former UST basin, with a component of flow toward the southeast**.**

4.2 GROUNDWATER SAMPLING

The annual groundwater sampling event was conducted in November 2007. For this sampling event, groundwater was collected from twenty six (26) groundwater monitoring wells using low-flow purging and sampling methods. As stated above, four wells were found to be dry or obstructed and could not be sampled. Samples were collected after water quality indicator parameters (pH, temperature, conductivity, oxidation-reduction potential, dissolved oxygen and turbidity) were recorded and had stabilized for three consecutive readings. Copies of the field measurements are included in Appendix C of this report. Groundwater was transferred from each monitoring well to the laboratory-prepared sample bottles via the polyethylene discharge tubing. The samples were kept in an iced cooler and sent under chain of custody to SGS/Paradigm Analytical Laboratories Inc. (SGS) in Wilmington, NC (NC Certification Number 481). At SGS, the samples were analyzed for the following parameters:

- VOCs - EPA Method 602
- SVOC - EPA Method 625 and 10 largest non-detect peaks (TICs)
- VPH and EPH – MADEP Methods

The laboratory report and chain of custody documentation for the November 2007 sampling event are included in Appendix B. The analytical data for the November 2007 sampling event are summarized in Tables 4-7, and the detected concentrations for each analytical method are presented in Figure 5.

Three volatile compounds were detected above 2L NCGWQSs – benzene, ethylbenzene and total xylenes. Benzene was detected in monitoring wells UST2477-MWOB10 and UST2478-MWPVC101 at concentrations of 122 µg/L and 552 µg/L respectively. Ethylbenzene was detected in monitoring wells UST2477-MWOB01 and UST2478-MWPVC101 at concentrations of 560 µg/L and 1770 µg/L respectively. Total xylenes were detected in monitoring well UST2477-MWOB01 at a concentration of 1778 µg/L. Methyl-Tert Butyl Ether and Toluene were also detected at the site, but at concentrations below their respective 2L NCGWQSs.

Five semi-volatile contaminants, acenaphthene, Bis(2-ethylhexyl)phthalate, phenanthrene, fluorene and naphthalene were detected at the site. Bis(2-ethylhexyl)phthalate was detected in monitoring wells UST2477-MW01, UST2477-MW02 and UST2477-MWOB01 at concentrations of 3.10 µg/L, 46.0 µg/L and 33.9 µg/L respectively. Naphthalene was detected in monitoring wells UST2477-MWOB01, UST2477-MWOB10, and UST2478-MWPVC101 at concentrations of 179 µg/L, 22.7 µg/L and 378 µg/L respectively. Both bis(2-ethylhexyl)phthalate and naphthalene were above the 2L groundwater quality standards in the aforementioned wells. Acenaphthene, phenanthrene and fluorene were also detected at the site but all compounds were below the 2L NCGWQSs.

Thirteen of the monitoring well samples at the site exhibited one or more TICs. TICs are substances not on the target compound list, and not all TICs are identified and quantitated using individual standards. All TIC quantitations are estimated. Most of the TICs were identified as unknown or isomer compounds.

C5-C8 and C9-C18 Aliphatics were detected above 2L NCGWQSs in two monitoring wells (USTTT2477-MWOB01 and USTTT2478-MWPVC101). C9-C22 Aromatics were detected above 2L NCFWQSs in three monitoring wells (USTTT2477-MW02, USTTT2477-MWOB01, and USTTT2478-MWPVC101).

Field duplicate samples were collected and laboratory-prepared trip blanks were analyzed as QC samples. The trip blanks were analyzed for VOCs only. No VOCs were detected in the trip blanks. The duplicate sample results were comparable to its counterpart.

Other QC samples were run by the lab as required by the analytical methods. These QC samples include laboratory control spikes, method blanks, prep blanks, etc. The data was validated by reviewing sample holding times, analytical data, internal standards, calibrations, etc. The validation indicated that the data are usable for project purposes.

5.0 RECEPTOR SURVEY

Sovereign reassessed site conditions and concluded that the receptor survey previously completed by CATLIN RAO & RCAP dated February 24, 2004 still applies. There has been no change in receptor impact, and there have been no changes to land use of the site or the surrounding areas. The site was ranked as a low risk site with residential land use, and there are no water supply wells in the area.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on fieldwork and laboratory analytical data gathered during the 2007-2008 monitoring period, the following conclusions are presented.

1. Based on the results of previous soil investigations, and the May 2008 NCDENR response letter to the Final Soil Sampling Report, no further assessment of soil at this site is required.

2. Shallow surficial groundwater aquifer flow is generally to the south.

3. No measurable free product was observed at any site well during the monitoring period.

4. VOCs, SVOCs and MADEP compounds were detected above NCGWQSs in several site groundwater monitoring wells; but none of these constituents were detected above the GCLs.

Site TT2477/78 is classified as low risk with industrial/commercial land use; therefore the groundwater GCLs and industrial/commercial MSCCs (soil) are applicable. Based on the historical and current monitoring period data a NFA with LUR should be requested for the site groundwater.

7.0 REFERENCES

AH Environmental Consultants, *Final Report, Wellhead Protection Plan – 2002 Update, Marine Corps Base, Camp Lejeune,* August 2002.

CATLIN Engineers and Scientists, *Remedial Action Optimization and Revised Corrective Action Plan, Building TT2477-78, Marine Corps Base Camp, Lejeune, North Carolina*, February 24, 2004.

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R.E. Wright Associates, Inc., *Two Well Site Check, Marine Corps Base, Camp Lejeune, North Carolina, Building TT-2477*, March 1994.

Shaw Environmental and Infrastructure, Inc., *FINAL 2002 Annual Monitoring Report, TT2477/78, Marine Corps Base, Camp Lejeune, North Carolina*, July 2003.

Shaw Environmental and Infrastructure, Inc., *FINAL 2004 Annual Monitoring Report, TT2477/78, Marine Corps Base, Camp Lejeune, North Carolina*, July 2005.

TABLES

TABLE 1
WELL CONSTRUCTION INFORMATION
Incident Number and Name: 7176 - Buildings TT2477 and TT2478

Monitoring Well	Well Type	Top of Casing Elevation (feet)
USTTT2477-MW01	Type II	25.18
USTTT2477-MW02	Type II	25.09
USTTT2477-MW03	Type II	Unknown
USTTT2477-MW04	Type II	Unknown
USTTT2477-MW05	Type II	Unknown
USTTT2477-MW06	Type II	24.52
USTTT2477-MW07	Type III	24.83
USTTT2477-MW08	Type II	24.57
USTTT2477-MW09	Type II	25.44
USTTT2477-MW10	Type II	26.28
USTTT2477-MW11	Type III	26.32
USTTT2477-MW12	Type III	26.23
USTTT2477-MW13	Type II	26.25
USTTT2477-MW14	Type II	22.93
USTTT2478-PW01	Type II	24.15
USTTT2478-MW01	Type II	23.96
USTTT2478-MW02	Type II	24.04
USTTT2478-MW03	Type II	24.03
USTTT2478-MW04	Type II	24.42
USTTT2478-MW05	Type II	24.20
USTTT2478-MW06	Type II	24.33
USTTT2478-MW07	Type II	Unknown
USTTT2478-MW08	Type II	23.90
USTTT2478-MW09	Type II	21.48
USTTT2478-MW10	Type II	21.27
USTTT2478-MW11	Type II	21.43
USTTT2478-MW11D	Type III	21.51
USTTT2478-MW12	Type II	22.07
USTTT2478-MW13	Type II	24.38
USTTT2478-MW14	Type II	23.68
USTTT2478-MW14D	Type III	23.75
USTTT2478-MW15	Type II	24.11
USTTT2478-MW16	Type II	22.72
USTTT2478-MW17	Type II	25.07
USTTT2478-MW17D	Type III	25.23
USTTT2478-MW18	Type II	25.60
USTTT2478-MW19	Type II	24.92
USTTT2478-MW20	Type II	26.05
USTTT2478-MW21D	Type III	26.74
USTTT2478-MW22	Type II	23.03
USTTT2478-MW23	Type II	21.81
USTTT2478-MW24	Type II	23.06
USTTT2478-MW25	Type II	25.34
USTTT2477-MW-OB-01	Type II	27.96
USTTT2477-MW-OB-10	Type II	24.66
USTTT2478-MW-SS-100	Type II	26.73
USTTT2477-MW-PVC-101	Type II	26.89

TABLE 2
GROUNDWATER ELEVATION DATA
NOVEMBER 2007
Incident Number and Name: 7176 - Buildings TT2477 and TT2478

Monitoring Well	Top of Casing Elevation (feet)	Groundwater Elevation (feet)
USTTT2477-MW01	25.18	9.79
USTTT2477-MW02	25.09	9.53
USTTT2477-MW06	24.52	9.32
USTTT2477-MW07	24.83	10.21
USTTT2477-MW09	25.44	8.93
USTTT2477-MW10	26.28	8.39
USTTT2477-MW11	26.32	9.33
USTTT2477-MW13	26.25	7.89
USTTT2477-MW14	22.93	7.61
USTTT2478-PW01	24.15	7.04
USTTT2478-MW01	23.96	13.09
USTTT2478-MW02	24.04	10.34
USTTT2478-MW07	Unknown	NM
USTTT2478-MW09	21.48	9.71
USTTT2478-MW10	21.27	7.95
USTTT2478-MW11D	21.51	10.30
USTTT2478-MW12	22.07	10.39
USTTT2478-MW13	24.38	10.91
USTTT2478-MW14	23.68	10.82
USTTT2478-MW15	24.11	8.52
USTTT2478-MW17	25.07	8.80
USTTT2478-MW17D	25.23	9.33
USTTT2478-MW21D	26.74	5.18
USTTT2478-MW22	23.03	5.72
USTTT2478-MW24	23.06	8.05
USTTT2478-MW25	25.34	6.13
USTTT2477-MW-OB-01	27.96	9.79
USTTT2477-MW-OB-10	24.66	9.53

NM = Well not measured; either not accessible or not designated as part of gauging program.
Not Calculated due to insufficient data or well not measured.
Unknown Top of Casing Elevation

TABLE 3
PRODUCT THICKNESS DATA
SEPTEMBER 2005 - APRIL 2006
Incident Number and Name: 7176 - Buildings TT2477 and TT2478

Monitoring Well	Top of Casing Elevation (feet)	Product Thickness (feet)
USTTT2477-MW01	25.18	--
USTTT2477-MW02	25.09	--
USTTT2477-MW06	24.52	--
USTTT2477-MW07	24.83	--
USTTT2477-MW09	25.44	--
USTTT2477-MW10	26.28	--
USTTT2477-MW11	26.32	--
USTTT2477-MW13	26.25	--
USTTT2477-MW14	22.93	--
USTTT2478-PW01	24.15	--
USTTT2478-MW01	23.96	--
USTTT2478-MW02	24.04	--
USTTT2478-MW07	Unknown	--
USTTT2478-MW09	21.48	--
USTTT2478-MW10	21.27	--
USTTT2478-MW11D	21.51	--
USTTT2478-MW12	22.07	--
USTTT2478-MW13	24.38	--
USTTT2478-MW14	23.68	--
USTTT2478-MW15	24.11	--
USTTT2478-MW17	25.07	--
USTTT2478-MW17D	25.23	--
USTTT2478-MW21D	26.74	--
USTTT2478-MW22	23.03	--
USTTT2478-MW24	23.06	--
USTTT2478-MW25	25.34	--
USTTT2477-MW-OB-01	27.96	--
USTTT2477-MW-OB-10	24.66	--

"--" = No measurable free product present.
NM = Well not measured; either not accessible or not designated as part of gauging program.

TABLE 4
SUMMARY OF GROUNDWATER SAMPLING RESULTS
2007 - 2008
Incident Number and Name: 7176 – Building TT2477-78
Facility ID#: N/A
Analytical Method: EPA Method 602

Contaminant of Concern			Benzene	Diisopropyl ether (DIPE)	Ethylbenzene	Methyl-tert butyl ether (MTBE)	Toluene	Total Xylenes
Well ID	**Sample ID**	**Date Collected**						
USTTT2477-MW01	USTTT2477-MW01	11/28/2007	BQL	BQL	**1.00J**	BQL	**0.516J**	BQL
USTTT2477-MW02	USTTT2477-MW02	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2477-MW05	USTTT2477-MW05	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2477-MW06	USTTT2477-MW06	11/26/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2477-MW07	USTTT2477-MW07	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2477-MW09	USTTT2477-MW09	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2477-MW10	USTTT2477-MW10	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2477-MW11	USTTT2477-MW11	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2477-MW13	USTTT2477-MW13	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2477-MW14	USTTT2477-MW14	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2477-MWOB01	USTTT2477-MWOB01	11/28/2007	BQL	BQL	**560**	BQL	**631**	**1778**
USTTT2477-MWOB10	USTTT2477-MWOB10	11/28/2007	**122**	BQL	**146**	BQL	**4.47J**	**57.0**
USTTT2478-MW06	USTTT2478-MW06	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW09	USTTT2478-MW09	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW10	USTTT2478-MW10	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW13	USTTT2478-MW13	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW14	USTTT2478-MW14	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW14D	USTTT2478-MW14D	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW15	USTTT2478-MW15	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW17	USTTT2478-MW17	11/29/2007	BQL	BQL	BQL	**5.68**	BQL	BQL
USTTT2478-MW18	USTTT2478-MW18	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW19	USTTT2478-MW19	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW23	USTTT2478-MW23	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW24	USTTT2478-MW24	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MWSS100	USTTT2478-MWSS100	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MWPVC101	USTTT2478-MWPVC101	11/29/2007	**552**	BQL	**1770**	BQL	**11.7J**	**343**
Duplicate	Duplicate	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL
2L Standard (µg/l)			1	70	550	200	1,000	530
GCL (µg/l)			5,000	70,000	84,500	200,000	257,500	87,500

- All results reported in µg/l
- µg/L =micrograms per liter
- BQL = Below Quantitation Limits
- **BOLD** and shaded = detected concentration above applicable standard
- **J =** Detected below quantitation limits

TABLE 5
SUMMARY OF GROUNDWATER SAMPLING RESULTS
2007 - 2008
Incident Number and Name: 7176 – Building 2477-78
Facility ID#: N/A
Analytical Method: EPA Method 625

Contaminant of Concern													
Well ID	**Sample ID**	**Date Collected**	Acenaphthene	Acenaphthylene	Bis(2-ethylhexyl)phthalate	Diethylphthalate	Phenanthrene	Fluorene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Tentatively Identified Compounds (TICs)	All Other Compounds
USTTT2477-MW01	USTTT2477-MW01	11/28/2007	BQL	BQL	**3.10J**	BQL	**1.50J**	**1.90J**	BQL	BQL	**5.50J**	**115.9**	BQL
USTTT2477-MW02	USTTT2477-MW02	11/28/2007	**3.90J**	BQL	**46.0**	BQL	**9.70J**	**5.60J**	BQL	BQL	BQL	**287.3**	BQL
USTTT2477-MW05	USTTT2477-MW05	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	**11.5**	BQL
USTTT2477-MW06	USTTT2477-MW06	11/26/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	**10.7**	BQL
USTTT2477-MW07	USTTT2477-MW07	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	**12.1**	BQL
USTTT2477-MW09	USTTT2477-MW09	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2477-MW10	USTTT2477-MW10	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2477-MW11	USTTT2477-MW11	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2477-MW13	USTTT2477-MW13	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	**26.64**	BQL
USTTT2477-MW14	USTTT2477-MW14	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2477-MWOB01	USTTT2477-MWOB01	11/28/2007	BQL	BQL	**33.9**	BQL	BQL	BQL	BQL	BQL	**179**	**594**	BQL
USTTT2477-MWOB10	USTTT2477-MWOB10	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	**22.7**	**60.3**	BQL
USTTT2478-MW06	USTTT2478-MW06	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW09	USTTT2478-MW09	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW10	USTTT2478-MW10	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW13	USTTT2478-MW13	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	**11.7**	BQL
USTTT2478-MW14	USTTT2478-MW14	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW14D	USTTT2478-MW14D	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW15	USTTT2478-MW15	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW17	USTTT2478-MW17	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MW18	USTTT2478-MW18	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	**20.71**	BQL

Contaminant of Concern			Acenaphthene	Acenaphthylene	Bis(2-ethylhexyl)phthalate	Diethylphthalate	Phenanthrene	Fluorene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Tentatively Identified Compounds (TICs)	All Other Compounds
Well ID	**Sample ID**	**Date Collected**											
USTTT2478-MW19	USTTT2478-MW19	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	**36.97**	BQL
USTTT2478-MW23	USTTT2478-MW23	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	**7.58**	BQL
USTTT2478-MW24	USTTT2478-MW24	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MWSS100	USTTT2478-MWSS100	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
USTTT2478-MWPVC101	USTTT2478-MWPVC101	11/29/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	**378**	**773.9**	BQL
Duplicate	Duplicate	11/28/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
2L Standard (µg/l)			80	210	2.5	5,000	140	280	NE	14	21	NE	Varies
GCL (µg/l)			2,120		2,500	NE	410	950			15,500	NE	Varies

- All results reported in µg/l
- µg/L =micrograms per liter
- BQL = Below Quantitation Limits
- NE = Not Established; standard therefore compared to the reporting limit.
- **J** = Detected below quantitation limits.

TABLE 6
SUMMARY OF GROUND WATER SAMPLING RESULTS
Date: November 2007
Incident Number and Name: 7176 Building TT2477-78
Facility ID#: N/A
Analytical Method: MADEP Method VPH/EPH

Sample ID	Contaminant of Concern → / Date Collected (mm/dd/yy)		C_5-C_8 Aliphatics	C_9-C_{12} Aliphatics	C_9-C_{10} Aromatics	C_9-C_{18} Aliphatics	C_{19}-C_{36} Aliphatics	C_{11}-C_{22} Aromatics
USTTT2477-MW01	11/28/2007		<100	<100	<100	<100	<100	**129**
USTTT2477-MW02	11/28/2007		<100	**136**	**126**	<100	<100	**288**
USTTT2477-MW05	11/29/2007		<100	<100	<100	<100	<100	<100
USTTT2477-MW06	11/26/2007		<100	<100	<100	<100	<100	<100
USTTT2477-MW07	11/29/2007		<100	<100	<100	<100	<100	<100
USTTT2477-MW09	11/29/2007		<100	<100	<100	<100	<100	<100
USTTT2477-MW10	11/28/2007		<100	<100	<100	<100	<100	<100
USTTT2477-MW11	11/28/2007		<100	<100	<100	<100	<100	<100
USTTT2477-MW13	11/29/2007		**125**	**112**	<100	<100	<100	<100
USTTT2477-MW14	11/29/2007		<100	<100	<100	<100	<100	<100
USTTT2477-MWOB01	11/28/2007		**2,730**	**7,380**	**2,960**	<100	<100	**223**
USTTT2477-MWOB10	11/28/2007		**314**	**511**	**189**	<100	<100	<100
USTTT2478-MW06	11/28/2007		<100	<100	<100	<100	<100	<100
USTTT2478-MW09	11/28/2007		<100	<100	<100	<100	<100	<100
USTTT2478-MW10	11/28/2007		<100	<100	<100	<100	<100	<100
USTTT2478-MW13	11/29/2007		<100	<100	<100	<100	<100	<100
USTTT2478-MW14	11/28/2007		<100	<100	<100	<100	<100	<100
USTTT2478-MW14D	11/28/2007		<100	<100	<100	<100	<100	<100
USTTT2478-MW15	11/28/2007		<100	<100	<100	<100	<100	<100
USTTT2478-MW17	11/29/2007		<100	<100	<100	<100	<100	<100
USTTT2478-MW18	11/29/2007		**142**	<100	<100	<100	<100	<100
USTTT2478-MW19	11/29/2007		**369**	**204**	**103**	<100	<100	<100
USTTT2478-MW23	11/29/2007		<100	<100	<100	<100	<100	<100
USTTT2478-MW24	11/29/2007		<100	<100	<100	<100	<100	<100
USTTT2478-MWSS100	11/29/2007		<100	<100	<100	<100	<100	<100
USTTT2478-MWPVC101	11/29/2007		**1,120**	**4,650**	**1,230**	<100	<100	**434**
Duplicate	11/28/2007		<100	<100	<100	<100	<100	<100

- All results reported in µg/l
- µg/L =micrograms per liter
- BQL = Below Quantitation Limits
- NE = Not Established; standard therefore compared to the reporting limit.
- **J** = Detected below quantitation limits.

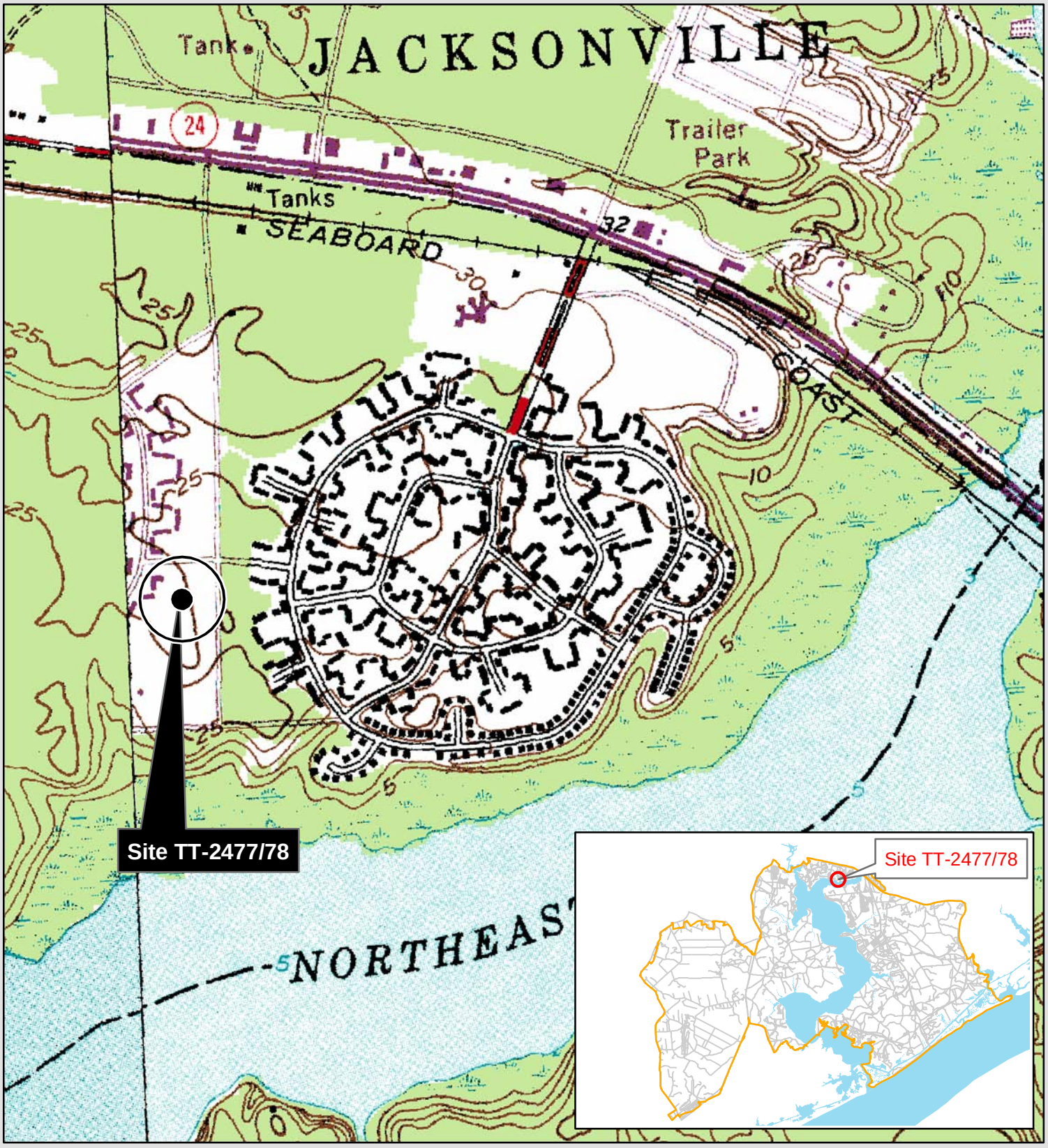
TABLE 7
SUMMARY OF GROUND WATER SAMPLING RESULTS
Date: November 2007
Incident Number and Name: 7176 Building TT2477-78
Facility ID#: N/A
Analytical Method: MADEP Method VPH/EPH Compared to Standards

Sample ID	Contaminant of Concern → Date Collected (mm/dd/yy)		C_5-C_8 Aliphatics	C_9-C_{18} Aliphatics	C_{19}-C_{36} Aliphatics	C_9-C_{22} Aromatics
USTTT2477-MW01	11/28/2007		<100	<100	<100	**129**
USTTT2477-MW02	11/28/2007		<100	**136**	<100	**288**
USTTT2477-MW05	11/29/2007		<100	<100	<100	<100
USTTT2477-MW06	11/26/2007		<100	<100	<100	<100
USTTT2477-MW07	11/29/2007		<100	<100	<100	<100
USTTT2477-MW09	11/29/2007		<100	<100	<100	<100
USTTT2477-MW10	11/28/2007		<100	<100	<100	<100
USTTT2477-MW11	11/28/2007		<100	<100	<100	<100
USTTT2477-MW13	11/29/2007		**125**	**112**	<100	<100
USTTT2477-MW14	11/29/2007		<100	<100	<100	<100
USTTT2477-MWOB01	11/28/2007		**2,730**	**7,380**	<100	**223**
USTTT2477-MWOB10	11/28/2007		**314**	**511**	<100	<100
USTTT2478-MW06	11/28/2007		<100	<100	<100	<100
USTTT2478-MW09	11/28/2007		<100	<100	<100	<100
USTTT2478-MW10	11/28/2007		<100	<100	<100	<100
USTTT2478-MW13	11/29/2007		<100	<100	<100	<100
USTTT2478-MW14	11/28/2007		<100	<100	<100	<100
USTTT2478-MW14D	11/28/2007		<100	<100	<100	<100
USTTT2478-MW15	11/28/2007		<100	<100	<100	<100
USTTT2478-MW17	11/29/2007		<100	<100	<100	<100
USTTT2478-MW18	11/29/2007		**142**	<100	<100	<100
USTTT2478-MW19	11/29/2007		**369**	**204**	<100	<100
USTTT2478-MW23	11/29/2007		<100	<100	<100	<100
USTTT2478-MW24	11/29/2007		<100	<100	<100	<100
USTTT2478-MWSS100	11/29/2007		<100	<100	<100	<100
USTTT2478-MWPVC101	11/29/2007		**1,120**	**4,650**	<100	**434**
Duplicate	11/28/2007		<100	<100	<100	<100
2L Standard (µg/l)			420	4,200	42,000	210
GCL (µg/l)			NE	NE	NE	NE

- All results reported in µg/l
- µg/L =micrograms per liter
- BQL = Below Quantitation Limits
- NE = Not Established; standard therefore compared to the reporting limit.
- **J** = Detected below quantitation limits.

FIGURES

FIGURE 1: LOCATION AND TOPOGRAPHY OF SITE TT-2477/78
PORTION OF U.S.G.S. QUADRANGLE - CAMP LEJEUNE



0 112.5 225 450 Meters

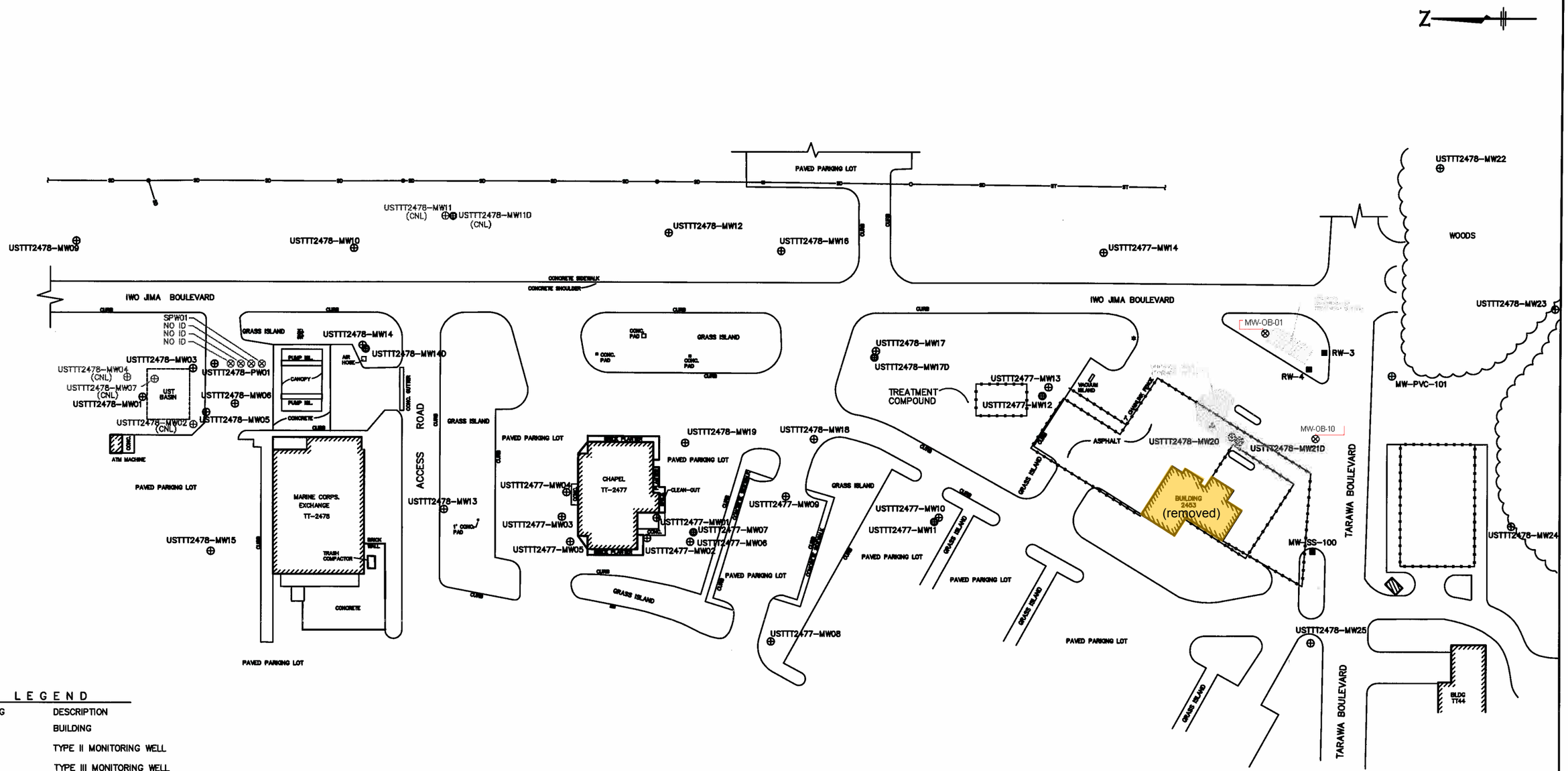
1:11,312

Date: 03/24/08
Drawn By: GM

N
W E
S

Sovereign Consulting Inc.
Virginia Beach, VA
www.sovcon.com

Applied Services and Information Systems
Virginia Beach, VA
www.asisinfo.net



LEGEND

EXISTING	DESCRIPTION
▭	BUILDING
⊕	TYPE II MONITORING WELL
●	TYPE III MONITORING WELL
■	OBSERVATION WELL
----------	CHAIN LINK FENCE
⊗	UNKNOWN WELL TYPE
NO ID	NO IDENTIFICATION
CNL	COULD NOT LOCATE; ASSUME TO BE ABANDONED

80 40 0 80

SCALE IN FEET

NOTE:
1. MAP ADAPTED FROM SHAW ENVIRONMENTAL, INC.

SOVEREIGN CONSULTING INC.
NEWPORT NEWS, VIRGINIA

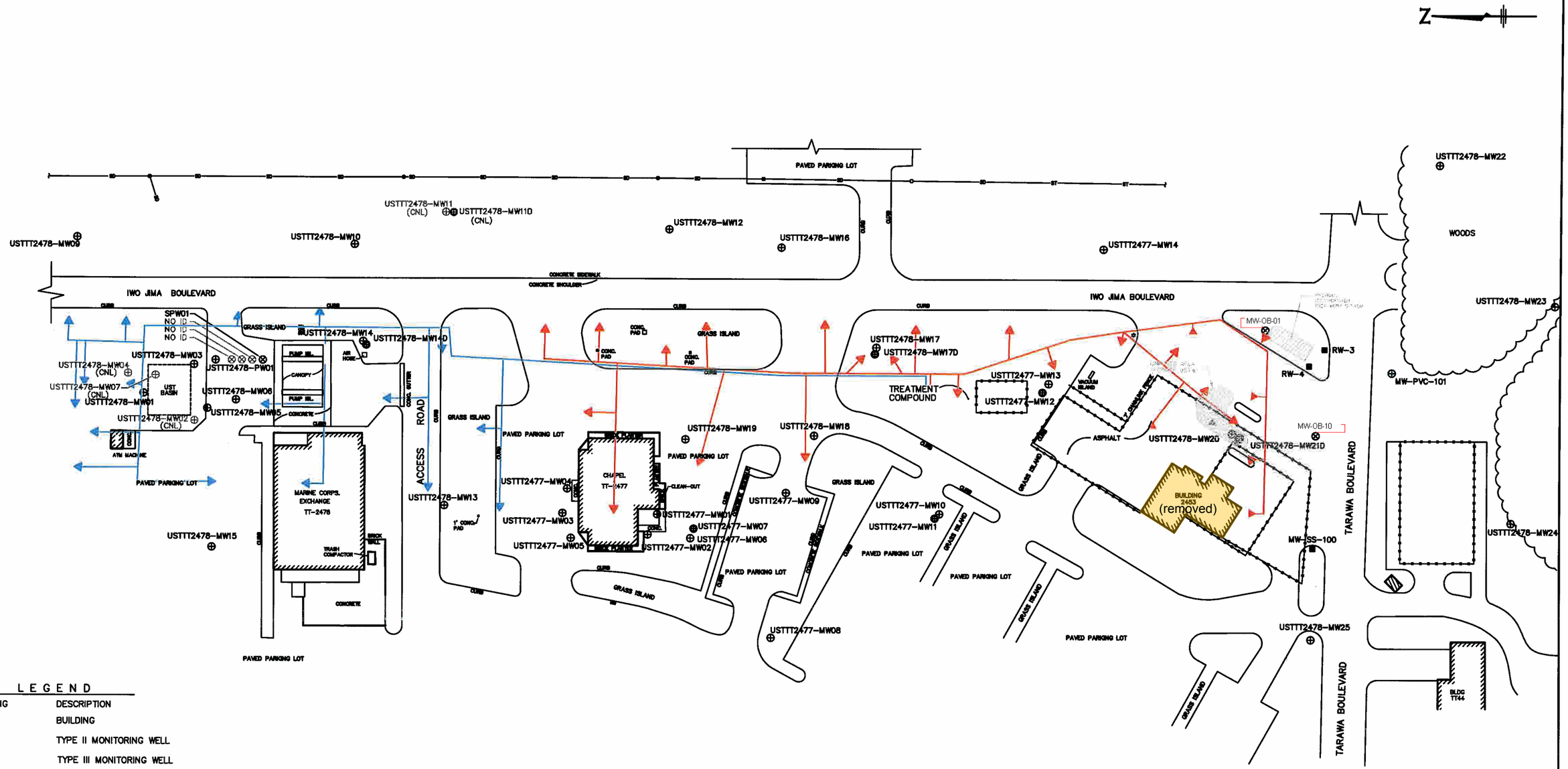
PROJECT: DRAFT ANNUAL GROUNDWATER MONITORING REPORT BUILDING TT-2477-78 CAMP LEJEUNE, N.C.

TITLE: SITE MAP WITH MONITORING WELL LOCATIONS

FIGURE 2

JOB NO. 206-063 | DATE: JUNE 2006 | SCALE: 1"=80' | DRAWN BY: LCJ | CHECKED BY: CWR

206063-TT2477-78-02



LEGEND

EXISTING	DESCRIPTION
	BUILDING
⊕	TYPE II MONITORING WELL
●	TYPE III MONITORING WELL
■	OBSERVATION WELL
⊗	UNKNOWN WELL TYPE
▲	AIR SPARGE/SVE WELL
	AS/SVE FIELD 1
	AS/SVE FIELD 2
	CHAIN LINK FENCE
NO ID	NO IDENTIFICATION
CNL	COULD NOT LOCATE; ASSUME TO BE ABANDONED

NOTES:
1. MAP ADAPTED FROM SHAW ENVIRONMENTAL, INC.
2. REMEDIATION SYSTEM LAYOUT PROVIDED BY SHAW ENVIRONMENTAL, FINAL 2002 ANNUAL MONITORING REPORT.

80 40 0 80
SCALE IN FEET

SOVEREIGN CONSULTING INC.
NEWPORT NEWS, VIRGINIA

PROJECT: DRAFT ANNUAL GROUNDWATER MONITORING REPORT BUILDING TT-2477-78 CAMP LEJEUNE, N.C.

JOB NO. 206-063 | DATE: JUNE 2006

TITLE: SITE MAP WITH REMEDIATION SYSTEM LAYOUT

SCALE: 1"=80' | DRAWN BY: LCJ | CHECKED BY: CWR

FIGURE 3

206063-TT2477-78-03

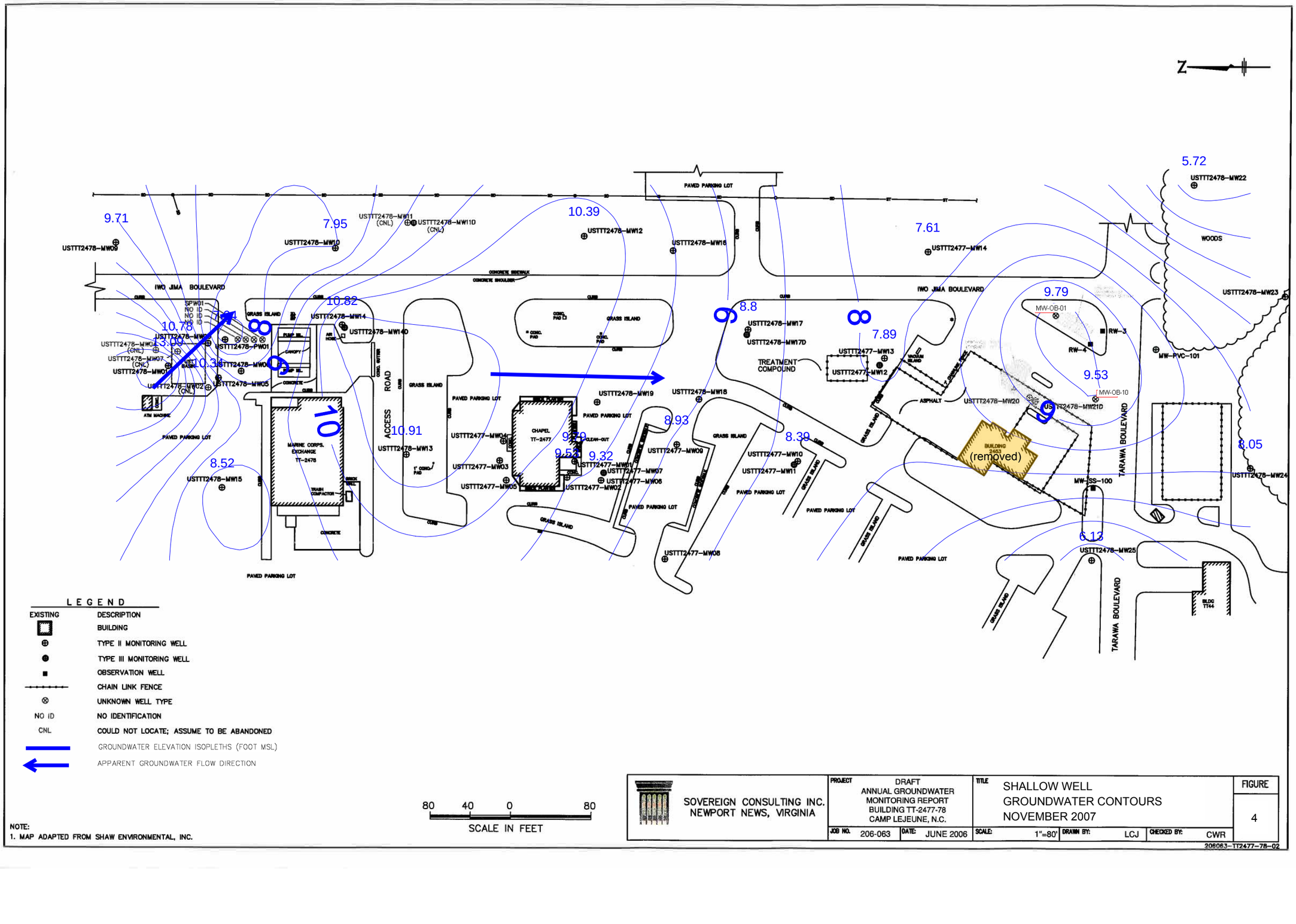
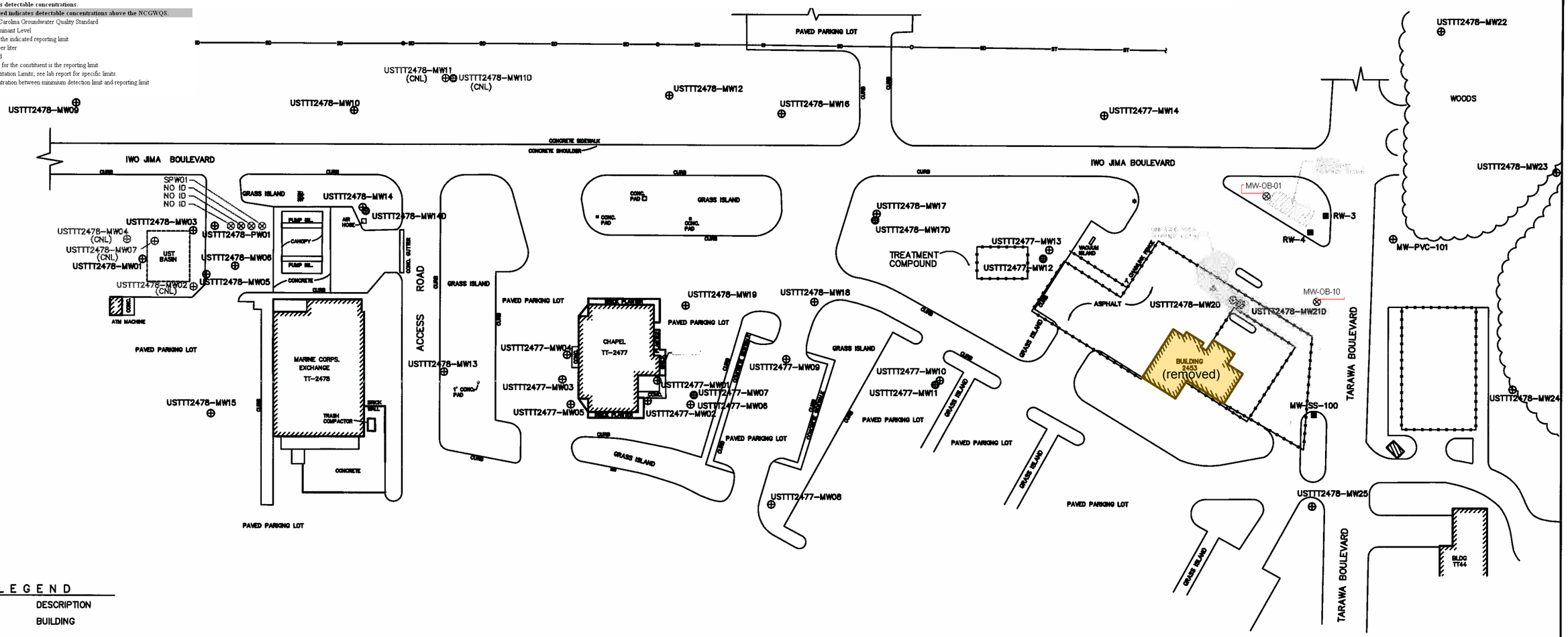

N
9.71
7.95
10.39
7.61
5.72
USTTT2478–MW09
USTTT2478–MW10
USTTT2478–MW11
USTTT2478–MW11D
USTTT2478–MW12
USTTT2478–MW16
USTTT2477–MW14
USTTT2478–MW22
WOODS
IWO JIMA BOULEVARD
PAVED PARKING LOT
CONCRETE SIDEWALK
CONCRETE SHOULDER
10.82
10.78
13.09
10.34
USTTT2478–MW14
USTTT2478–MW14D
USTTT2478–MW01
USTTT2478–PW01
USTTT2478–MW05
USTTT2478–MW07
USTTT2478–MW08
SPW01
NO ID
NO ID
NO ID
GRASS ISLAND
PUMP BL.
CANOPY
CONCRETE
ATM MACHINE
8.8
7.89
9.79
USTTT2478–MW17
USTTT2478–MW17D
USTTT2477–MW13
USTTT2477–MW12
TREATMENT COMPOUND
MW-OB-01
RW-3
RW-4
MW-PVC-101
USTTT2478–MW23
9.53
MW-OB-10
ASPHALT
USTTT2478–MW20
USTTT2478–MW21D
BUILDING 2483 (removed)
TARAWA BOULEVARD
BLDG TT44
8.05
USTTT2478–MW24
MW-SS-100
6.13
USTTT2478–MW25
10.91
USTTT2478–MW13
8.93
9.29
9.52
9.32
USTTT2478–MW18
USTTT2478–MW19
USTTT2477–MW04
USTTT2477–MW03
USTTT2477–MW05
USTTT2477–MW01
USTTT2477–MW07
USTTT2477–MW06
USTTT2477–MW02
USTTT2477–MW09
USTTT2477–MW08
CHAPEL TT-2477
CLEAN-OUT
8.39
USTTT2477–MW10
USTTT2477–MW11
8.52
USTTT2478–MW15
MARINE CORPS EXCHANGE TT-2478
TRASH COMPACTOR
BRICK WELL
CONCRETE
ACCESS ROAD
GRASS ISLAND
PAVED PARKING LOT
LEGEND
EXISTING
DESCRIPTION
BUILDING
TYPE II MONITORING WELL
TYPE III MONITORING WELL
OBSERVATION WELL
CHAIN LINK FENCE
UNKNOWN WELL TYPE
NO ID
NO IDENTIFICATION
CNL
COULD NOT LOCATE; ASSUME TO BE ABANDONED
GROUNDWATER ELEVATION ISOPLETHS (FOOT MSL)
APPARENT GROUNDWATER FLOW DIRECTION
80 40 0 80
SCALE IN FEET
NOTE:
1. MAP ADAPTED FROM SHAW ENVIRONMENTAL, INC.
SOVEREIGN CONSULTING INC.
NEWPORT NEWS, VIRGINIA
PROJECT
DRAFT
ANNUAL GROUNDWATER MONITORING REPORT
BUILDING TT-2477-78
CAMP LEJEUNE, N.C.
TITLE
SHALLOW WELL
GROUNDWATER CONTOURS
NOVEMBER 2007
FIGURE
4
JOB NO. 206-063
DATE: JUNE 2006
SCALE: 1"=80'
DRAWN BY: LCJ
CHECKED BY: CWR
206063-TT2477-78-02

Table
Analytical Data for November 2007 Sampling Event
Building TT2477/78

Parameter	NCGWQS	GCL	2477-MWOB01	2477-MWOB10	2477-MWPVC101	2478-MWSS100	2477-MW01	2477-MW02	2477-MW05	2477-MW06	2477-MW07	2477-MW09	2477-MW10	2477-MW11	2477-MW13	2477-MW14	2478-MW06	2478-MW09	2478-MW10	2478-MW13	2478-MW14	2478-MW14D	2478-MW15	2478-MW17	2478-MW18	2478-MW19	2478-MW23	2478-MW24
VOCs by EPA Method 602 (ug/L)																												
Benzene	1	5,000	BQL	BQL	122	552	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Diisopropyl ether (DIPE)	70	70,000	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Ethylbenzene	550	84,500	560	146	1770	BQL	1.00J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Methyl Tert Butyl Ether	200	200,000	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	5.68	BQL	BQL	BQL	BQL
Toluene	1,000	257,500	631	4.47J	11.7J	BQL	0.516J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Xylenes (total)	530	87,500	1778	57	343	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
SVOCs by EPA Method 625 (ug/L)																												
Acenaphthene	80	2,120	BQL	BQL	BQL	BQL	BQL	3.90J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Bis(2-ethylhexyl)phthalate	3	3,000	33.9	BQL	BQL	BQL	3.10J	46	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Diethylphthalate	5,000	NE	BQL	BQL	BQL	BQL	BQL	4.90J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Phenanthrene	140		BQL	BQL	BQL	BQL	1.50J	9.70J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Fluorene	280	950	BQL	BQL	BQL	BQL	1.90J	5.60J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Naphthalene	21	15,500	179	22.7	378	BQL	5.50J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Phenol	300	NE	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
TICs (Total)			594	60.3	773.9	BQL	115.9	287.30	11.5	10.7	12.1	BQL	BQL	BQL	26.64	BQL	BQL	BQL	BQL	11.7	BQL	BQL	BQL	BQL	20.71	36.97	7.58	BQL
VPH (ug/L)																												
C5 - C8 Aliphatics	420	NE	2,730	314	1,120	<100	<100	<100	<100	<100	<100	<100	<100	<100	125	<100	<100	<100	<100	<100	<100	<100	<100	<100	142	369	<100	<100
C9 - C12 Aliphatics			7380	511	4,650	<100	<100	136	<100	<100	<100	<100	<100	<100	112	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	204	<100	<100
C9 - C10 Aromatics			2960	189	1,230	<100	<100	126	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	103	<100	<100
EPH (ug/L)																												
C11 - C22 Aromatics	210		223	<100	434	<100	129	288	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
C9 - C18 Aliphatics			<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
C19 - C36 Aliphatics	42,000	NE	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
VPH + EPH (ug/L)																												
C9 - C12 + C9 - C18 Aliphatics	4,200	NE	7380	511	4650	<200	<200	136	<200	<200	<200	<200	<200	<200	112	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	204	<200	<200
C9 - C10 + C11 - C22 Aromatics	210	NE	3183	189	1,664	<200	129	414	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	103	<200	<200

Bold type indicates detectable concentrations.
Bold and highlighted indicates detectable concentrations above the NCGWQS.
NCGWQS - North Carolina Groundwater Quality Standard
GCL - Gross Contaminant Level
<# - not detected at the indicated reporting limit
µg/L - micrograms per liter
NE - Not established
RL - the NCGWQS for the constituent is the reporting limit
BQL - Below Quantitation Limits; see lab report for specific limits.
J - estimated concentration between minimum detection limit and reporting limit



LEGEND

EXISTING	DESCRIPTION
	BUILDING
⊕	TYPE II MONITORING WELL
●	TYPE III MONITORING WELL
■	OBSERVATION WELL
	CHAIN LINK FENCE
⊗	UNKNOWN WELL TYPE
NO ID	NO IDENTIFICATION
CNL	COULD NOT LOCATE; ASSUME TO BE ABANDONED

80 40 0 80
SCALE IN FEET

NOTE:
1. MAP ADAPTED FROM SHAW ENVIRONMENTAL, INC.

SOVEREIGN CONSULTING INC.
NEWPORT NEWS, VIRGINIA

PROJECT: DRAFT ANNUAL GROUNDWATER MONITORING REPORT BUILDING TT-2477-78 CAMP LEJEUNE, N.C.

TITLE: SITE MAP WITH NOVEMBER 2007 GROUNDWATER RESULTS

FIGURE: 5

JOB NO. 206-063 | DATE: JUNE 2006 | SCALE: 1"=80' | DRAWN BY: LCJ | CHECKED BY: CWR

206063-TT2477-78-07

APPENDIX A

HISTORICAL GROUNDWATER DATA

FINAL

ANNUAL GROUNDWATER MONITORING REPORT 2005-2006

BUILDINGS TT-2477/78

NCDENR Incident Number: 7176

Marine Corps Base

Camp Lejeune, North Carolina

June 19, 2006

Prepared for:

Mr. David T. Cleland, P.G.
Marine Corps North Carolina IPT
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I&E/EMD/EQB
Building 12, Post Lane
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Prepared by:

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405 Oakmears Crescent, Suite 1
Virginia Beach, VA 23462

Contract Number: N62470-04-D-0205
Task Order: 0007

TABLE 4
ANALYTICAL DATA FOR APRIL 2006 GROUNDWATER SAMPLING EVENT
Incident Number and Name: 7176 - Buildings TT2477 and TT2478

Parameter	NCGWQS	GCL	2477-MWOB01	2477-MWOB10	2477-MWPVC101	2477-MW01	2477-MW02	2477-MW06	2477-MW11	2477-MW14	2478-MW17	2478-MW17D	2478-MW18	2478-MW19	2478-MW20	2478-MW21D	2478-MW23	2478-MW24	2478-MWSS100
VOCs by EPA Method 602 (µg/L)																			
Benzene	1	5,000	BQL	13.6	1450	0.665J	BQL	BQL	BQL	BQL	BQL	BQL	1.05	BQL	BQL	BQL	BQL	BQL	BQL
Diisopropyl ether (DIPE)	70	70,000	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	2.06J	BQL	BQL	BQL	BQL
Ethylbenzene	550	84,500	256	59.4	1850	0.856J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	80.6	BQL	BQL	BQL	BQL
Methyl Tert Butyl Ether	200	200,000	BQL	BQL	BQL	BQL	6.3	BQL	BQL	BQL	BQL	BQL	BQL	BQL	3.84J	BQL	BQL	BQL	BQL
Toluene	1,000	257,500	591	18.9	476	2.39J	BQL	4.85	BQL	BQL	BQL	BQL	1.17	BQL	90.4	BQL	BQL	BQL	BQL
Xylenes (total)	530	87,500	851	94.5	1790	1.494J	0.778J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	310	BQL	BQL	BQL	BQL
SVOCs by EPA Method 625 (µg/L)																			
Acenaphthene	80	2,120	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Bis(2-ethylhexyl)phthalate	3	3,000	7.10J	BQL	BQL	10.6	5.40J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Diethylphthalate	5,000	NE	BQL	BQL	BQL	BQL	4.90J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Fluorene	280	950	BQL	BQL	BQL	2.10J	1.80J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
Naphthalene	21	15,500	68.4	7.30J	311	3.00J	1.10J	BQL	BQL	BQL	BQL	BQL	BQL	BQL	10.9	BQL	BQL	BQL	BQL
Phenol	300	NE	BQL	BQL	11.1	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
TICs (Total)			1,645.90	165.38	9478	763.8	1,187.70	BQL	35.34	BQL	BQL	BQL	BQL	75.3	895.6	BQL	BQL	BQL	BQL
VPH (ug/L)																			
C5 - C8 Aliphatics	420	NE	1,100	220	4,200	<100	<100	<100	<100	<100	<100	<100	120	210	650	<100	<100	<100	<100
C9 - C12 Aliphatics			940	180	6,000	<100	100	<100	<100	<100	<100	<100	<100	<100	640	<100	<100	<100	<100
C9 - C10 Aromatics			260	<100	2,100	<100	<100	<100	<100	<100	<100	<100	<100	<100	340	<100	<100	<100	<100
EPH (ug/L)																			
C11 - C22 Aromatics			<100	<100	450	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
C9 - C18 Aliphatics			<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
C19 - C36 Aliphatics	42,000	NE	<100	<100	<100	30	190	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
VPH + EPH (ug/L)																			
C9 - C12 + C9 - C18 Aliphatics	4,200	NE	<1,040	<280	<6,100	<200	100	<200	<200	<200	<200	<200	<200	<200	<740	<200	<200	<200	<200
C9 - C10 + C11 - C22 Aromatics	210	NE	<360	<200	2,550	<200	<200	<200	<200	<200	<200	<200	<200	<200	<440	<200	<200	<200	<200

Bold type indicates detectable concentrations.
Bold and shaded type indicates detectable concentrations above the NCGWQS.
NCGWQS - North Carlinia Groudnwater Quality Standard
GCL - Gross Contaminant Level
<# - not detected at the indicated reporting limit
µg/L - micrograms per liter
NE - Not established
RL - the NCGWQS for the constituent is the reporting limit
BQL - Below Quantitation Limits; see lab report for specific limits.
J - estimated concentration between minimium detection limit and reporting limit

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-PW1**

			143GW016	143GW043	143GW073	143GW144	143GW148	143GW161
Date Sampled:			08/14/97	01/21/98	05/01/98	11/17/98	02/27/99	05/20/99
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602								
1,2-Dichlorobenzene	620	72500	<500	<50	<5	<1	<1	<1
1,3-Dichlorobenzene	620	61500	<380	<38	<3.8	<1	<1	<1
1,4-Dichlorobenzene	75	39500	<750	<75	<7.5	**0.79 J**	<1	<1
EPA 602								
Benzene	1	5000	**5900**	**77**	<2.5	**1.6**	**2.2**	**1.6**
Chlorobenzene	NS	NS	<250	<25	<2.5	<1	<1	<1
Methyl tert-butyl ether	200	200000	**2200 JP**	**1700**	**53**	**13**	**7.6**	<1
Ethylbenzene	29	29000	**1200**	**13 JP**	**7.7**	**0.32 J**	**1.1**	<1
Xylenes (total)	530	87500	**5300**	**6.2 JP**	**38 JB**	**8.54 J**	**3.8**	<1
Toluene	1000	257500	**9000**	<100	**55 B**	**1.5**	**3.8**	**3.5**
Total BTEX			**21400**	**96.2**	**100.7**	**11.96**	**10.9**	**5.1**
EPA 610								
Naphthalene	21	15500	NA	NA	NA	NA	NA	NA
Acenaphthene	80	2120	NA	NA	NA	NA	NA	NA
Acenaphthylene	210	1965	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.05	22	NA	NA	NA	NA	NA	NA
Pyrene	210	210	NA	NA	NA	NA	NA	NA
Fluorene	280	950	NA	NA	NA	NA	NA	NA
Anthracene	2100	2100	NA	NA	NA	NA	NA	NA
Fluoranthene	280	280	NA	NA	NA	NA	NA	NA
Phenanthrene	210	410	NA	NA	NA	NA	NA	NA
MADEP VPH								
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
MADEP EPH								
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.					
			Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-PW1**

		143GW175	143GW188	143GW215	143GW229	CL-143-GW-253	UST2478-MWPW01
Date Sampled:		09/11/99	11/10/99	05/10/00	08/26/00	12/18/00	10/22/2004
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602							
1,2-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,3-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,4-Dichlorobenzene	75	<1	<1	<1	<2	<1	NA
EPA 602							
Benzene	1	**7.2**	<1	<1	<1	<1	<1.0
Chlorobenzene	NS	<1	<1	<1	<2	<1	NA
Methyl tert-butyl ether	200	<1	<1	<1	<2	<5	<1.0
Ethylbenzene	29	<1	<1	<1	<2	<1	<1.0
Xylenes (total)	530	<1	<3	<3	<6	<1	<3.0
Toluene	1000	**8**	<1	<1	<2	<1	<1.0
Total BTEX		**15.2**					0
EPA 610							
Naphthalene	21	NA	NA	NA	NA	NA	<4.8
Acenaphthene	80	NA	NA	NA	NA	NA	<4.8
Acenaphthylene	210	NA	NA	NA	NA	NA	<4.8
Benzo(a)anthracene	0.05	NA	NA	NA	NA	NA	<4.8
Pyrene	210	NA	NA	NA	NA	NA	<4.8
Fluorene	280	NA	NA	NA	NA	NA	<4.8
Anthracene	2100	NA	NA	NA	NA	NA	<4.8
Fluoranthene	280	NA	NA	NA	NA	NA	<4.8
Phenanthrene	210	NA	NA	NA	NA	NA	<4.8
MADEP VPH							
C5-C8 Aliphatics (Unadj.)	420	NA	NA	NA	NA	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NA	NA	NA	NA	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NA	NA	NA	NA	NA	<20
MADEP EPH							
C11-C22 Aromatics (Unadj.)	210	NA	NA	NA	NA	NA	<190
C9-C18 Aliphatics	4200	NA	NA	NA	NA	NA	<190
C19-C36 Aliphatics	42000	NA	NA	NA	NA	NA	<190
		Bold type indicates detectable concentrations.					
		Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW6**

Client Sample ID:			143GW009	143GW044	143GW074	143GW137	143GW147	143GW160
Date Sampled:			08/13/97	01/21/98	05/01/98	11/17/98	02/27/99	05/20/99
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602								
1,2-Dichlorobenzene	620	72500	<500	<200	<5	<1	<1	<1
1,3-Dichlorobenzene	620	61500	<380	<150	<3.8	<1	<1	<1
1,4-Dichlorobenzene	75	39500	<750	<300	<7.5	<1	<1	<1
EPA 602								
Benzene	1	5000	**3400 P**	**1900**	**15**	<1	**4.8**	**5.6**
Chlorobenzene	NS	NS	<250	**100**	<2.5	<1	<1	<1
Methyl tert-butyl ether	200	200000	**560 JP**	**1100**	**130**	**29**	**26.3**	**2.5**
Ethylbenzene	29	29000	**1200 P**	**1200**	**9.9 P**	**0.27 J**	**2.3**	**2.6**
Xylenes (total)	530	87500	**2688 JP**	**1110**	**41**	**1.25 J**	**7**	**10.7**
Toluene	1000	257500	**110 JP**	<400	**54 B**	**1.5**	**11.2**	**12.6**
Total BTEX			**7398**	**4210**	**119.9**	**3.02**	**25.3**	**31.7**
EPA 610								
Naphthalene	21	15500	NA	NA	NA	NA	NA	NA
Acenaphthene	80	2120	NA	NA	NA	NA	NA	NA
Acenaphthylene	210	1965	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.05	22	NA	NA	NA	NA	NA	NA
Pyrene	210	210	NA	NA	NA	NA	NA	NA
Fluorene	280	950	NA	NA	NA	NA	NA	NA
Anthracene	2100	2100	NA	NA	NA	NA	NA	NA
Fluoranthene	280	280	NA	NA	NA	NA	NA	NA
Phenanthrene	210	410	NA	NA	NA	NA	NA	NA
MADEP VPH								
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
MADEP EPH								
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.					
			Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW6**

Client Sample ID:		143GW174	143GW189	143GW216	143GW230	CL-143-GW-254	2478-MW06
Date Sampled:		09/11/99	11/10/99	05/10/00	08/26/00	12/18/00	10/25/04
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602							
1,2-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,3-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,4-Dichlorobenzene	75	<1	<1	<1	<2	<1	NA
EPA 602							
Benzene	1	**28.6**	<1	<1	<1	<1	<1.0
Chlorobenzene	NS	<1	<1	<1	<2	<1	NA
Methyl tert-butyl ether	200	**6**	<1	<1	<2	<5	**0.71 J**
Ethylbenzene	29	**4.3**	<1	<1	<2	<1	<1.0
Xylenes (total)	530	**13.4**	<3	<3	<6	<1	<3.0
Toluene	1000	**19.6**	<1	<1	**1.1 J**	<1	<1.0
Total BTEX		**65.9**			**1.1**		**0**
EPA 610							
Naphthalene	21	NA	NA	NA	NA	NA	<4.8
Acenaphthene	80	NA	NA	NA	NA	NA	<4.8
Acenaphthylene	210	NA	NA	NA	NA	NA	<4.8
Benzo(a)anthracene	0.05	NA	NA	NA	NA	NA	<4.8
Pyrene	210	NA	NA	NA	NA	NA	<4.8
Fluorene	280	NA	NA	NA	NA	NA	<4.8
Anthracene	2100	NA	NA	NA	NA	NA	<4.8
Fluoranthene	280	NA	NA	NA	NA	NA	<4.8
Phenanthrene	210	NA	NA	NA	NA	NA	<4.8
MADEP VPH							
C5-C8 Aliphatics (Unadj.)	420	NA	NA	NA	NA	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NA	NA	NA	NA	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NA	NA	NA	NA	NA	<20
MADEP EPH							
C11-C22 Aromatics (Unadj.)	210	NA	NA	NA	NA	NA	<190
C9-C18 Aliphatics	4200	NA	NA	NA	NA	NA	<190
C19-C36 Aliphatics	42000	NA	NA	NA	NA	NA	<190
		Bold type indicates detectable concentrations.					
		Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW9**

Client Sample ID:			143GW192	2478-MW09
Date Sampled:			11/10/99	10/29/04
Analyte (ug/l)	**2L GWAS**	**GCL**	**Result**	**Result**
EPA 602				
1,2-Dichlorobenzene	620	72500	<1	NA
1,3-Dichlorobenzene	620	61500	<1	NA
1,4-Dichlorobenzene	75	39500	<1	NA
EPA 602				
Benzene	1	5000	<1	**0.53 J**
Chlorobenzene	NS	NS	<1	NA
Methyl tert-butyl ether	200	200000	**3.5**	<1.0
Ethylbenzene	29	29000	<1	**2.3**
Xylenes (total)	530	87500	<3	**5.4**
Toluene	1000	257500	<1	**2.2**
Total BTEX				**10.43**
EPA 610				
Naphthalene	21	15500	NA	<4.8
Acenaphthene	80	2120	NA	<4.8
Acenaphthylene	210	1965	NA	<4.8
Benzo(a)anthracene	0.05	22	NA	<4.8
Pyrene	210	210	NA	<4.8
Fluorene	280	950	NA	<4.8
Anthracene	2100	2100	NA	<4.8
Fluoranthene	280	280	NA	<4.8
Phenanthrene	210	410	NA	<4.8
MADEP VPH				
C5-C8 Aliphatics (Unadj.)	420	NS	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NS	NA	<20
MADEP EPH				
C11-C22 Aromatics (Unadj.)	210	NS	NA	<190
C9-C18 Aliphatics	4200	NS	NA	<190
C19-C36 Aliphatics	42000	NS	NA	<190
Bold type indicates detectable concentrations.				
Shaded area indicates detectable concentrations above 2L GWQS				

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW10**

Client Sample ID:			143GW191	2478-MW10
Date Sampled:			11/10/99	10/29/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**
EPA 602				
1,2-Dichlorobenzene	620	72500	<1	NA
1,3-Dichlorobenzene	620	61500	<1	NA
1,4-Dichlorobenzene	75	39500	<1	NA
EPA 602				
Benzene	1	5000	<1	<1.0
Chlorobenzene	NS	NS	<1	NA
Methyl tert-butyl ether	200	200000	<1	<1.0
Ethylbenzene	29	29000	<1	**1.9**
Xylenes (total)	530	87500	<3	**4.6**
Toluene	1000	257500	<1	**1.9**
Total BTEX				**8.4**
EPA 610				
Naphthalene	21	15500	NA	<4.8
Acenaphthene	80	2120	NA	<4.8
Acenaphthylene	210	1965	NA	<4.8
Benzo(a)anthracene	0.05	22	NA	<4.8
Pyrene	210	210	NA	<4.8
Fluorene	280	950	NA	<4.8
Anthracene	2100	2100	NA	<4.8
Fluoranthene	280	280	NA	<4.8
Phenanthrene	210	410	NA	<4.8
MADEP VPH				
C5-C8 Aliphatics (Unadj.)	420	NS	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NS	NA	<20
MADEP EPH				
C11-C22 Aromatics (Unadj.)	210	NS	NA	<190
C9-C18 Aliphatics	4200	NS	NA	<190
C19-C36 Aliphatics	42000	NS	NA	<190
Bold type indicates detectable concentrations.				
Shaded area indicates detectable concentrations above 2L GWQS				

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW12**

Client Sample ID:			143GW203
Date Sampled:			11/14/99
Analyte (ug/l)	**2LGWQS**	**GCL**	**Result**
EPA 602			
1,2-Dichlorobenzene	620	72500	<1
1,3-Dichlorobenzene	620	61500	<1
1,4-Dichlorobenzene	75	39500	<1
EPA 602			
Benzene	1	5000	<1
Chlorobenzene	NS	NS	<1
Methyl tert-butyl ether	200	200000	<1
Ethylbenzene	29	29000	<1
Xylenes (total)	530	87500	<3
Toluene	1000	257500	<1
Total BTEX			
EPA 610			
Naphthalene	21	15500	NA
Acenaphthene	80	2120	NA
Acenaphthylene	210	1965	NA
Benzo(a)anthracene	0.05	22	NA
Pyrene	210	210	NA
Fluorene	280	950	NA
Anthracene	2100	2100	NA
Fluoranthene	280	280	NA
Phenanthrene	210	410	NA
Bold type indicates detectable concentrations.			
Shaded area indicates detectable concentrations above 2L GWQS			

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW14**

Client Sample ID:			143GW010	143GW042	143GW072	143GW139	143GW149	143GW162
Date Sampled:			08/13/97	01/21/98	05/01/98	11/17/98	02/28/99	05/20/99
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602								
1,2-Dichlorobenzene	620	72500	<50	<10	<25	<1	<1	<1
1,3-Dichlorobenzene	620	61500	<38	<7.5	<19	<1	<1	<1
1,4-Dichlorobenzene	75	39500	<75	<15	<38	<1	<1	<1
EPA 602								
Benzene	1	5000	**68**	<5	<12	**0.26 J**	**3.6**	**3.6**
Chlorobenzene	NS	NS	<25	<5	<12	<1	<1	<1
Methyl tert-butyl ether	200	200000	**960 P**	**510**	**800**	**85**	**48.7**	**5.1**
Ethylbenzene	29	29000	<38	<7.5	**10 J**	**0.39 J**	**1.7**	**1.8**
Xylenes (total)	530	87500	<151	<30	**16 J**	**1.16 J**	**6.6**	**7.6**
Toluene	1000	257500	<100	<20	**79 BP**	**0.79 J**	**6.2**	**9**
Total BTEX			**68**		**105**	**2.6**	**18.1**	**22**
EPA 610								
Naphthalene	21	15500	NA	NA	NA	NA	NA	NA
Acenaphthene	80	2120	NA	NA	NA	NA	NA	NA
Acenaphthylene	210	1965	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.05	22	NA	NA	NA	NA	NA	NA
Pyrene	210	210	NA	NA	NA	NA	NA	NA
Fluorene	280	950	NA	NA	NA	NA	NA	NA
Anthracene	2100	2100	NA	NA	NA	NA	NA	NA
Fluoranthene	280	280	NA	NA	NA	NA	NA	NA
Phenanthrene	210	410	NA	NA	NA	NA	NA	NA
MADEP VPH								
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
MADEP EPH								
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.					
			Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
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B= detected in blank
NA= not analyzed

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CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW14**

Client Sample ID:		143GW176	143GW190	143GW217	143GW231	CL-143-GW-255	2478-MW14
Date Sampled:		09/11/99	11/10/99	05/10/00	08/26/00	12/18/00	10/25/04
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602							
1,2-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,3-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,4-Dichlorobenzene	75	<1	<1	<1	<2	<1	NA
EPA 602							
Benzene	1	**11.2**	<1	<1	<1	<1	<1.0
Chlorobenzene	NS	<1	<1	<1	<2	<1	NA
Methyl tert-butyl ether	200	<1	<1	<1	<2	<5	<1.0
Ethylbenzene	29	<1	<1	<1	<2	<1	<1.0
Xylenes (total)	530	**10.6**	<3	<3	<6	<1	<3.0
Toluene	1000	**11.5**	<1	<1	**1 J**	<1	<1.0
Total BTEX		**33.3**			**1**		**0**
EPA 610							
Naphthalene	21	NA	NA	NA	NA	NA	<4.8
Acenaphthene	80	NA	NA	NA	NA	NA	<4.8
Acenaphthylene	210	NA	NA	NA	NA	NA	<4.8
Benzo(a)anthracene	0.05	NA	NA	NA	NA	NA	<4.8
Pyrene	210	NA	NA	NA	NA	NA	<4.8
Fluorene	280	NA	NA	NA	NA	NA	<4.8
Anthracene	2100	NA	NA	NA	NA	NA	<4.8
Fluoranthene	280	NA	NA	NA	NA	NA	<4.8
Phenanthrene	210	NA	NA	NA	NA	NA	<4.8
MADEP VPH							
C5-C8 Aliphatics (Unadj.)	420	NA	NA	NA	NA	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NA	NA	NA	NA	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NA	NA	NA	NA	NA	<20
MADEP EPH							
C11-C22 Aromatics (Unadj.)	210	NA	NA	NA	NA	NA	<190
C9-C18 Aliphatics	4200	NA	NA	NA	NA	NA	<190
C19-C36 Aliphatics	42000	NA	NA	NA	NA	NA	<190
		Bold type indicates detectable concentrations.					
		Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
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B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW15**

Client Sample ID:			143GW214	UST2478-MW15
Date Sampled:			11/14/99	10/25/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**
EPA 602				
1,2-Dichlorobenzene	620	72500	<1	NA
1,3-Dichlorobenzene	620	61500	<1	NA
1,4-Dichlorobenzene	75	39500	<1	NA
EPA 602				
Benzene	1	5000	**10.4**	<1.0
Chlorobenzene	NS	NS	<1	NA
Methyl tert-butyl ether	200	200000	<1	<1.0
Ethylbenzene	29	29000	**18.4**	<1.0
Xylenes (total)	530	87500	**90.2**	<3.0
Toluene	1000	257500	**49.5**	<1.0
Total BTEX			**168.5**	**0**
EPA 610				
Naphthalene	21	15500	NA	<4.8
Acenaphthene	80	2120	NA	<4.8
Acenaphthylene	210	1965	NA	<4.8
Benzo(a)anthracene	0.05	22	NA	<4.8
Pyrene	210	210	NA	<4.8
Fluorene	280	950	NA	<4.8
Anthracene	2100	2100	NA	<4.8
Fluoranthene	280	280	NA	<4.8
Phenanthrene	210	410	NA	<4.8
MADEP VPH				
C5-C8 Aliphatics (Unadj.)	420	NS	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NS	NA	<20
MADEP EPH				
C11-C22 Aromatics (Unadj.)	210	NS	NA	<190
C9-C18 Aliphatics	4200	NS	NA	<190
C19-C36 Aliphatics	42000	NS	NA	<190
Bold type indicates detectable concentrations.				
Shaded area indicates detectable concentrations above 2L GWQS				

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW16**

Client Sample ID:			143GW018	143GW036	143GW067	143GW140	143GW153	143GW166
Date Sampled:			08/13/97	01/21/98	05/01/98	11/17/98	02/28/99	05/20/99
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602								
1,2-Dichlorobenzene	620	72500	<1	<2	<25	<1	<1	<1
1,3-Dichlorobenzene	620	61500	<0.8	<1.5	<19	<1	<1	<1
1,4-Dichlorobenzene	75	39500	<1.5	<3	<38	**0.78 J**	<1	<1
EPA 602								
Benzene	1	5000	**2.3 P**	<1	**2.8 JP**	<1	**0.87 J**	**3.4**
Chlorobenzene	NS	NS	<0.5	<1	<2	<1	<1	<1
Methyl tert-butyl ether	200	200000	**34 P**	**32**	<120	**16**	**7.5**	**7.5**
Ethylbenzene	29	29000	<0.8	<1.5	**26**	<1	**9.9**	**33.3**
Xylenes (total)	530	87500	<3	<6	**137**	<3	**82.1**	**243**
Toluene	1000	257500	**0.14 JP**	<4	**280 B**	**0.39 J**	**124**	**401**
Total BTEX			**2.44**		**445.8**	**0.39**	**216.87**	**680.7**
EPA 610								
Naphthalene	21	15500	NA	NA	NA	NA	NA	NA
Acenaphthene	80	2120	NA	NA	NA	NA	NA	NA
Acenaphthylene	210	1965	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.05	22	NA	NA	NA	NA	NA	NA
Pyrene	210	210	NA	NA	NA	NA	NA	NA
Fluorene	280	950	NA	NA	NA	NA	NA	NA
Anthracene	2100	2100	NA	NA	NA	NA	NA	NA
Fluoranthene	280	280	NA	NA	NA	NA	NA	NA
Phenanthrene	210	410	NA	NA	NA	NA	NA	NA
MADEP VPH								
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
MADEP EPH								
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.					
			Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW16**

Client Sample ID:		143GW180	143GW204	143GW221	143GW238	CL-143-GW-259	USTT2478-MW16
Date Sampled:		09/11/99	11/14/99	05/10/00	08/26/00	12/18/00	10/12/04
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602							
1,2-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,3-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,4-Dichlorobenzene	75	<1	<1	<1	<2	<1	NA
EPA 602							
Benzene	1	**10**	<1	<1	<1	<1	<1.0
Chlorobenzene	NS	<1	<1	<1	<2	<1	NA
Methyl tert-butyl ether	200	<1	**2**	**4.8**	**2.5**	<5	<1.0
Ethylbenzene	29	<1	<1	<1	**1 J**	**1.5**	<1.0
Xylenes (total)	530	**432**	<3	<3	<6	<1	<3.0
Toluene	1000	**505**	<1	<1	<2	<1	<1.0
Total BTEX		**947**			**1**	**1.5**	**0**
EPA 610							
Naphthalene	21	NA	NA	NA	NA	NA	<4.8
Acenaphthene	80	NA	NA	NA	NA	NA	<4.8
Acenaphthylene	210	NA	NA	NA	NA	NA	<4.8
Benzo(a)anthracene	0.05	NA	NA	NA	NA	NA	<4.8
Pyrene	210	NA	NA	NA	NA	NA	<4.8
Fluorene	280	NA	NA	NA	NA	NA	<4.8
Anthracene	2100	NA	NA	NA	NA	NA	<4.8
Fluoranthene	280	NA	NA	NA	NA	NA	<4.8
Phenanthrene	210	NA	NA	NA	NA	NA	<4.8
MADEP VPH							
C5-C8 Aliphatics (Unadj.)	420	NA	NA	NA	NA	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NA	NA	NA	NA	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NA	NA	NA	NA	NA	<20
MADEP EPH							
C11-C22 Aromatics (Unadj.)	210	NA	NA	NA	NA	NA	<190
C9-C18 Aliphatics	4200	NA	NA	NA	NA	NA	<190
C19-C36 Aliphatics	42000	NA	NA	NA	NA	NA	<190
		Bold type indicates detectable concentrations.					
		Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW17**

Client Sample ID:			143GW014	143GW035	143GW063	143GW141	143GW154	143GW167
Date Sampled:			08/13/97	01/21/98	05/01/98	11/17/98	02/28/99	05/20/99
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602								
1,2-Dichlorobenzene	620	72500	<10	<100	<100	<1	<1	<1
1,3-Dichlorobenzene	620	61500	<7.5	<75	<75	<1	<1	<1
1,4-Dichlorobenzene	75	39500	<15	<150	<150	<1	<1	<1
EPA 602								
Benzene	1	5000	**55**	<50	<50	<1	**0.99 J**	**1.4**
Chlorobenzene	NS	NS	<5	<50	<50	<1	<1	<1
Methyl tert-butyl ether	200	200000	**460 P**	**5100**	**3300**	**47**	**36.2**	**28.5**
Ethylbenzene	29	29000	<7.5	<75	<75	<1	**8.1**	**15**
Xylenes (total)	530	87500	<30	<300	<300	<3	**66.7**	**113**
Toluene	1000	257500	<20	<200	**73 JBP**	**0.48 J**	**87.9**	**136**
Total BTEX			**55**		**73**	**0.48**	**163.69**	**265.4**
EPA 610								
Naphthalene	21	15500	NA	NA	NA	NA	NA	NA
Acenaphthene	80	2120	NA	NA	NA	NA	NA	NA
Acenaphthylene	210	1965	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.05	22	NA	NA	NA	NA	NA	NA
Pyrene	210	210	NA	NA	NA	NA	NA	NA
Fluorene	280	950	NA	NA	NA	NA	NA	NA
Anthracene	2100	2100	NA	NA	NA	NA	NA	NA
Fluoranthene	280	280	NA	NA	NA	NA	NA	NA
Phenanthrene	210	410	NA	NA	NA	NA	NA	NA
MADEP VPH								
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
MADEP EPH								
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.					
			Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW17**

Client Sample ID:		143GW181	143GW202	143GW222	143GW239	CL-143-GW-260	UST2478-MW17	
Date Sampled:		09/11/99	11/14/99	05/10/00	08/26/00	12/18/00	10/25/04	
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	
EPA 602								
1,2-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA	
1,3-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA	
1,4-Dichlorobenzene	75	<1	<1	<1	<2	<1	NA	
EPA 602								
Benzene	1	**10.6**	<1	<1	<1	<1	<1.0	
Chlorobenzene	NS	<1	<1	<1	<2	<1	NA	
Methyl tert-butyl ether	200	<1	**3.9**	**3**	**7.7**	<5	**16.3**	
Ethylbenzene	29	<1	<1	<1	**1**	<1	<1.0	
Xylenes (total)	530	**135**	<3	<3	<6	<1	<3.0	
Toluene	1000	**179**	<1	<1	<2	<1	<1.0	
Total BTEX		**324.6**			**1**		**0**	
EPA 610								
Naphthalene	21	NA	NA	NA	NA	NA	<4.8	
Acenaphthene	80	NA	NA	NA	NA	NA	<4.8	
Acenaphthylene	210	NA	NA	NA	NA	NA	<4.8	
Benzo(a)anthracene	0.05	NA	NA	NA	NA	NA	<4.8	
Pyrene	210	NA	NA	NA	NA	NA	<4.8	
Fluorene	280	NA	NA	NA	NA	NA	<4.8	
Anthracene	2100	NA	NA	NA	NA	NA	<4.8	
Fluoranthene	280	NA	NA	NA	NA	NA	<4.8	
Phenanthrene	210	NA	NA	NA	NA	NA	<4.8	
MADEP VPH								
C5-C8 Aliphatics (Unadj.)	420	NA	NA	NA	NA	NA	<75	
C9-C12 Aliphatics (Unadj.)	NS	NA	NA	NA	NA	NA	<55	
C9-C10 Aromatics (Unadj.)	NS	NA	NA	NA	NA	NA	<20	
MADEP EPH								
C11-C22 Aromatics (Unadj.)	210	NA	NA	NA	NA	NA	<190	
C9-C18 Aliphatics	4200	NA	NA	NA	NA	NA	<190	
C19-C36 Aliphatics	42000	NA	NA	NA	NA	NA	<190	
		Bold type indicates detectable concentrations.						
		Shaded area indicates detectable concentrations above 2L GWQS						

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW18**

Client Sample ID:			143GW013	143GW038	143GW064	143GW142	143GW155	143GW168
Date Sampled:			08/13/97	01/21/98	05/01/98	11/17/98	02/28/99	05/20/99
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602								
1,2-Dichlorobenzene	620	72500	<5	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	620	61500	<3.8	<0.8	<0.8	<1	<1	<1
1,4-Dichlorobenzene	75	39500	<7.5	<1.5	<1.5	**0.55 J**	<1	<1
EPA 602								
Benzene	1	5000	**6.9**	**1.2**	**0.12 J**	<1	**0.96 J**	**1.4**
Chlorobenzene	NS	NS	<2.5	<0.05	**0.079 J**	<1	<1	<1
Methyl tert-butyl ether	200	200000	<25	<5	**1.6 J**	<5	<1	<1
Ethylbenzene	29	29000	**75**	**8.9 P**	**0.15 J**	<1	**7**	**12.7**
Xylenes (total)	530	87500	**2.6 JP**	<3	**0.41 J**	<3	**56.4**	**93.8**
Toluene	1000	257500	**2.6 JP**	**0.58 JP**	**0.94 JB**	**0.46 J**	**71**	**101**
Total BTEX			**87.1**	**10.68**	**1.62**	**0.46**	**135.36**	**208.9**
EPA 610								
Naphthalene	21	15500	NA	NA	NA	NA	NA	NA
Acenaphthene	80	2120	NA	NA	NA	NA	NA	NA
Acenaphthylene	210	1965	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.05	22	NA	NA	NA	NA	NA	NA
Pyrene	210	210	NA	NA	NA	NA	NA	NA
Fluorene	280	950	NA	NA	NA	NA	NA	NA
Anthracene	2100	2100	NA	NA	NA	NA	NA	NA
Fluoranthene	280	280	NA	NA	NA	NA	NA	NA
Phenanthrene	210	410	NA	NA	NA	NA	NA	NA
MADEP VPH								
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
MADEP EPH								
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.					
			Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary
Shallow Well: **2478-MW18**

Client Sample ID:		143GW182	143GW199	143GW223	143GW235	CL-143-GW-261	UST2478-MW18	
Date Sampled:		09/11/99	11/13/99	05/10/00	08/26/00	12/18/00	10/14/04	
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	
EPA 602								
1,2-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA	
1,3-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA	
1,4-Dichlorobenzene	75	<1	<1	<1	<2	<1	NA	
EPA 602								
Benzene	1	**28.2**	<1	<1	<1	<1	<1.0	
Chlorobenzene	NS	<1	<1	<1	<2	<1	NA	
Methyl tert-butyl ether	200	<1	<1	<1	<2	<5	<1.0	
Ethylbenzene	29	<1	<1	<1	<2	**2.5**	<1.0	
Xylenes (total)	530	**200**	<3	<3	<6	<1	<3.0	
Toluene	1000	**258**	<1	<1	**0.74 J**	<1	<1.0	
Total BTEX		**486.2**			**0.74**	**2.5**	**0**	
EPA 610								
Naphthalene	21	NA	NA	NA	NA	NA	<4.8	
Acenaphthene	80	NA	NA	NA	NA	NA	<4.8	
Acenaphthylene	210	NA	NA	NA	NA	NA	<4.8	
Benzo(a)anthracene	0.05	NA	NA	NA	NA	NA	<4.8	
Pyrene	210	NA	NA	NA	NA	NA	<4.8	
Fluorene	280	NA	NA	NA	NA	NA	<4.8	
Anthracene	2100	NA	NA	NA	NA	NA	<4.8	
Fluoranthene	280	NA	NA	NA	NA	NA	<4.8	
Phenanthrene	210	NA	NA	NA	NA	NA	<4.8	
MADEP VPH								
C5-C8 Aliphatics (Unadj.)	420	NA	NA	NA	NA	NA	<75	
C9-C12 Aliphatics (Unadj.)	NS	NA	NA	NA	NA	NA	<55	
C9-C10 Aromatics (Unadj.)	NS	NA	NA	NA	NA	NA	<20	
MADEP EPH								
C11-C22 Aromatics (Unadj.)	210	NA	NA	NA	NA	NA	<190	
C9-C18 Aliphatics	4200	NA	NA	NA	NA	NA	<190	
C19-C36 Aliphatics	42000	NA	NA	NA	NA	NA	<190	
		Bold type indicates detectable concentrations.						
		Shaded area indicates detectable concentrations above 2L GWQS						

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary
Shallow Well: **2478-MW19**

Client Sample ID:			143GW012	143GW037	143GW068	143GW143	143GW158	143GW171	143GW185	143GW225
Date Sampled:			08/13/97	01/21/98	05/01/98	11/17/98	03/01/99	05/20/99	09/11/99	05/10/00
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602										
1,2-Dichlorobenzene	620	72500	<20	<1	<20	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	620	61500	<15	<0.8	<15	1.4	<1	<1	<1	<1
1,4-Dichlorobenzene	75	39500	6.3 JP	<1.5	<30	0.97 J	<1	<1	<1	<1
EPA 602										
Benzene	1	5000	5.8 J	1 P	2.4 JP	0.34 J	0.94 J	1.3	19	<1
Chlorobenzene	NS	NS	<10	<0.5	<10	<1	<1	<1	<1	<1
Methyl tert-butyl ether	200	200000	<100	<5	<40	<5	<1	<1	<1	<1
Ethylbenzene	29	29000	160	8.5 P	130	2	2.1	12.4	<1	19.1
Xylenes (total)	530	87500	76	0.28 JP	132 P	1.42 J	11.6	266	266	<3
Toluene	1000	257500	<40	<2	230 BP	4.7	18.5	50.6	211	2.2
Total BTEX			241.8	9.78	494.4	8.56	33.14	330.3	496	21.3
EPA 610										
Naphthalene	21	15500	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	80	2120	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	210	1965	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.05	22	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	210	210	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	950	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2100	2100	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	280	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	210	410	NA	NA	NA	NA	NA	NA	NA	NA
MADEP VPH										
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA
MADEP EPH										
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA	NA	NA
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.							
			Shaded area indicates detectable concentrations above 2L GWQS							

J= estimated
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B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary
Shallow Well: **2478-MW19**

Client Sample ID:		143GW236	143GW263	CL-143-GW-277	MW19-01C3	UST2477-MW19-02A	UST2478-MW19-02C	USTT2477-MW19	USTT2477-MW19	USTT2477-MW19	USTT2478-MW19
Date Sampled:		08/26/00	12/18/00	05/15/01	09/21/01	04/11/02	10/17/02	04/29/03	10/29/03	04/27/04	10/20/04
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602											
1,2-Dichlorobenzene	620	<2	<1	NA	NA	NA	NA	NA	<1	<1	NA
1,3-Dichlorobenzene	620	<2	<1	NA	NA	NA	NA	NA	**8.4**	<1	NA
1,4-Dichlorobenzene	75	<2	<1	NA	NA	NA	NA	NA	**7.8**	<1	NA
EPA 602											
Benzene	1	<1	<1	<1	**2.1**	<1	<1	<1	**7.7**	<1	<1.0
Chlorobenzene	NS	<2	<1	NA	NA	NA	NA	NA	<1	<1	NA
Methyl tert-butyl ether	200	<2	<5	<5	<20	<1	<1	**1.8**	<1	<1	<1.0
Ethylbenzene	29	**76.8**	**81**	**79**	**62**	**145**	**24.2**	**3.2**	**4.5**	<5	**4.2**
Xylenes (total)	530	<6	**3**	**2.3**	<4	**7.5**	**71.2**	<3	**19.4**	<3	<3.0
Toluene	1000	**0.87 J**	**2.9**	**3.4 B**	**3.9**	<1	**40.8**	<1	**14.9**	<1	<1.0
Total BTEX		**77.67**	**86.9**	**84.7**	**68**	**152.5**	**136.2**	**3.2**	**46.5**		**4.2**
EPA 610											
Naphthalene	21	NA	NA	**8.7**	<2	**11.7**	**7.5**	**6.6**	<5.1	**5.9**	<5.0
Acenaphthene	80	NA	NA	<1	**3**	<5.0	<5.2	<5.0	<5.1	<5.2	<5.0
Acenaphthylene	210	NA	NA	<1	<1	<5.0	<5.2	<5.0	<5.1	<5.2	<5.0
Benzo(a)anthracene	0.05	NA	NA	<0.1	<0.1	<5.0	<5.2	<5.0	<5.1	<5.2	<5.0
Pyrene	210	NA	NA	<0.1	<0.25	<5.0	<5.2	<5.0	<5.1	<5.2	<5.0
Fluorene	280	NA	NA	<2	<2	<5.0	<5.2	<5.0	<5.1	<5.2	<5.0
Anthracene	2100	NA	NA	<1	<1	<5.0	<5.2	<5.0	<5.1	<5.2	<5.0
Fluoranthene	280	NA	NA	<0.2	<0.25	<5.0	<5.2	<5.0	<5.1	<5.2	<5.0
Phenanthrene	210	NA	NA	<1	<1	<5.0	<5.2	<5.0	<5.1	<5.2	<5.0
MADEP VPH											
C5-C8 Aliphatics (Unadj.)	420	NA	NA	NA	NA	NA	NA	NA	NA	NA	**251**
C9-C12 Aliphatics (Unadj.)	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	**367**
C9-C10 Aromatics (Unadj.)	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	**295**
MADEP EPH											
C11-C22 Aromatics (Unadj.)	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	**176**
C9-C18 Aliphatics	4200	NA	NA	NA	NA	NA	NA	NA	NA	NA	<190
C19-C36 Aliphatics	42000	NA	NA	NA	NA	NA	NA	NA	NA	NA	<190
		Bold type indicates detectable concentrations.									
		Shaded area indicates detectable concentrations above 2L GWQS									

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary

Shallow Well: **2478-MW20**

Client Sample ID:			143GW243	CL-143-GW-278	MW20-01C3	UST2477-MW20-02A	UST2477-MW20-02C	USTT2478-MW20	USTT2478-MW20	USTT2478-MW20	USTT2478-MW20
Date Sampled:			09/19/00	05/15/01	09/24/01	04/10/02	10/17/02	04/30/03	11/03/03	04/26/04	10/25/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602											
1,2-Dichlorobenzene	620	72500	<25	NA	NA	NA	NA	NA	<1	25.7	NA
1,3-Dichlorobenzene	620	61500	<25	NA	NA	NA	NA	NA	<1	<1	NA
1,4-Dichlorobenzene	75	39500	<25	NA	NA	NA	NA	NA	<1	<1	NA
EPA 602											
Benzene	1	5000	**13 J**	**3.6**	<1	**10.4**	**19**	<1	**0.7 J**	<1	<1.0
Chlorobenzene	NS	NS	<25	NA	NA	NA	NA	NA	<1	<1	NA
Methyl tert-butyl ether	200	200000	**50.6**	<10	**310**	**15.5**	<10	**1.6**	**10.8**	**12.4**	**1.7**
Ethylbenzene	29	29000	**698**	**64**	**180**	**769**	**475**	**1.8**	**30.9**	**74**	**12.1**
Xylenes (total)	530	87500	**3420**	**240**	**660**	**3350**	**1840**	**5.2**	**128**	**241**	**41.1**
Toluene	1000	257500	**2580**	**72 B**	**250**	**1950**	**2030**	**0.96 J**	**75**	**236**	**29**
Total BTEX			**6711**	**379.6**	**1090**	**6079.4**	**4364**	**7.96**	**234.6**	**551**	**82.2**
EPA 610											
Naphthalene	21	15500	NA	<2	**49**	**80.1**	**131**	**4.1 J**	**7.5**	**18**	**9.9**
Acenaphthene	80	2120	NA	<1	**5.9 P**	<5.5	<5.1	<5.2	<5.1	<6.0	<4.8
Acenaphthylene	210	1965	NA	<1	**13**	<5.5	<5.1	<5.2	<5.1	<6.0	<4.8
Benzo(a)anthracene	0.05	22	NA	<0.1	<0.1	<5.5	<5.1	<5.2	<5.1	<6.0	<4.8
Pyrene	210	210	NA	<0.1	<0.25	<5.5	<5.1	<5.2	<5.1	<6.0	<4.8
Fluorene	280	950	NA	<2	<2	<5.5	<5.1	<5.2	<5.1	<6.0	<4.8
Anthracene	2100	2100	NA	<1	<1	<5.5	<5.1	<5.2	<5.1	<6.0	<4.8
Fluoranthene	280	280	NA	<0.2	<0.25	<5.5	<5.1	<5.2	<5.1	<6.0	<4.8
Phenanthrene	210	410	NA	<1	<1	<5.5	<5.1	<5.2	<5.1	<6.0	<4.8
MADEP VPH											
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA	NA	NA	**97.0**
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	**265**
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	**265**
MADEP EPH											
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA	NA	NA	<190
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA	NA	NA	<190
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA	NA	NA	<190
			Bold type indicates detectable concentrations.								
			Shaded area indicates detectable concentrations above 2L GWQS								

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary
Deep Well: **2478-MW21D**

Client Sample ID:			143GW244	CL-143-GW-279	MW21D-01C3	UST2477-MW21D-02A	UST2477-MW21D-03A	UST2477-MW21D-02C	USTT2477-MW21D	USTT2478-MW21D	USTT2478-MW21D	USTT2478-MW21D
Date Sampled:			09/19/00	05/15/01	09/21/01	04/10/02	07/31/02	10/17/02	04/29/03	10/29/03	04/26/04	10/12/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602												
1,2-Dichlorobenzene	620	72500	<1	NA	NA	NA	NA	NA	NA	<1	<1	NA
1,3-Dichlorobenzene	620	61500	<1	NA	NA	NA	NA	NA	NA	<1	<1	NA
1,4-Dichlorobenzene	75	39500	<1	NA	NA	NA	NA	NA	NA	<1	<1	NA
EPA 602												
Benzene	1	5000	<1	<1	**1.2**	<1	<1	<1	<1	**3.4**	<1	<1.0
Chlorobenzene	NS	NS	<1	NA	NA	NA	NA	NA	NA	<1	<1	NA
Methyl tert-butyl ether	200	200000	<1	<5	<10	<1	<1	<1	<1	<1	<1	<1.0
Ethylbenzene	29	29000	<1	**1**	**2.8**	<1	<1	<1	<1	**1.7**	<1	<1.0
Xylenes (total)	530	87500	<3	**0.58 J**	<2	<3	<3	<3	<3	**8.7**	<3	<3.0
Toluene	1000	257500	**0.62 J**	**0.41 JB**	<1	<1	<1	<1	<1	**4.8**	<1	<1.0
Total BTEX			**0.62**	**1.99**	**4**					**18.6**		**0**
EPA 610												
Naphthalene	21	15500	NA	<2	<2	<5.0	NA	<5.1	<5.0	<5.0	<5.2	<4.8
Acenaphthene	80	2120	NA	<1	<1	<5.0	NA	<5.1	<5.0	<5.0	<5.2	<4.8
Acenaphthylene	210	1965	NA	<1	<1	<5.0	NA	<5.1	<5.0	<5.0	<5.2	<4.8
Benzo(a)anthracene	0.05	22	NA	<0.1	<0.1	<5.0	NA	<5.1	<5.0	<5.0	<5.2	<4.8
Pyrene	210	210	NA	<0.1	<0.25	<5.0	NA	<5.1	<5.0	<5.0	<5.2	<4.8
Fluorene	280	950	NA	<2	<2	<5.0	NA	<5.1	<5.0	<5.0	<5.2	<4.8
Anthracene	2100	2100	NA	<1	<1	<5.0	NA	<5.1	<5.0	<5.0	<5.2	<4.8
Fluoranthene	280	280	NA	<0.2	<0.25	<5.0	NA	<5.1	<5.0	<5.0	<5.2	<4.8
Phenanthrene	210	410	NA	<1	<1	<5.0	NA	<5.1	<5.0	<5.0	<5.2	<4.8
MADEP VPH												
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20
MADEP EPH												
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	<190
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	<190
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	<190
			Bold type indicates detectable concentrations.									
			Shaded area indicates detectable concentrations above 2L GWQS									

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary

Shallow Well: **2478-MW22**

Client Sample ID:			143GW245	CL-143-GW-268	MW22-01C3	UST2477-MW22-02A	UST2477-MW22-02C	USTT2477-MW22	USTT2478-MW22	USTT2478-MW22	USTT2478-MW22
Date Sampled:			09/19/00	05/08/01	09/19/01	04/12/02	10/18/02	04/29/03	11/03/03	04/27/04	10/29/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602											
1,2-Dichlorobenzene	620	72500	<1	NA	NA	NA	NA	NA	<1	<1	NA
1,3-Dichlorobenzene	620	61500	<1	NA	NA	NA	NA	NA	<1	<1	NA
1,4-Dichlorobenzene	75	39500	<1	NA	NA	NA	NA	NA	<1	<1	NA
EPA 602											
Benzene	1	5000	<1	<1	<1	<1	<1	<1	<1	<1	<1.0
Chlorobenzene	NS	NS	<1	NA	NA	NA	NA	NA	<1	<1	NA
Methyl tert-butyl ether	200	200000	<1	<5	<10	<1	<1	<1	<1	<1	<1.0
Ethylbenzene	29	29000	**3.8**	<1	<1	<1	<1	<1	<1	<1	<1.0
Xylenes (total)	530	87500	**16**	<1	<2	**2.3**	<3	<3	<3	<3	<3.0
Toluene	1000	257500	**11.3**	**0.4 JB**	<1	<1	<1	<1	<1	<1	<1.0
Total BTEX			**31.1**	**0.4**		**2.3**					**0**
EPA 610											
Naphthalene	21	15500	NA	<2	<2	<5.0	<5.2	<5.0	<5.1	<5.0	<4.8
Acenaphthene	80	2120	NA	<1	<1	<5.0	<5.2	<5.0	<5.1	<5.0	<4.8
Acenaphthylene	210	1965	NA	<1	<1	<5.0	<5.2	<5.0	<5.1	<5.0	<4.8
Benzo(a)anthracene	0.05	22	NA	<0.1	<0.1	<5.0	<5.2	<5.0	<5.1	<5.0	<4.8
Pyrene	210	210	NA	<0.1	<0.25	<5.0	<5.2	<5.0	<5.1	<5.0	<4.8
Fluorene	280	950	NA	<2	<2	<5.0	<5.2	<5.0	<5.1	<5.0	<4.8
Anthracene	2100	2100	NA	<1	<1	<5.0	<5.2	<5.0	<5.1	<5.0	<4.8
Fluoranthene	280	280	NA	<0.2	<0.25	<5.0	<5.2	<5.0	<5.1	<5.0	<4.8
Phenanthrene	210	410	NA	<1	<1	<5.0	<5.2	<5.0	<5.1	<5.0	<4.8
MADEP VPH											
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA	NA	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	<20
MADEP EPH											
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA	NA	NA	<190
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA	NA	NA	<190
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA	NA	NA	<190
			Bold type indicates detectable concentrations.								
			Shaded area indicates detectable concentrations above 2L GWQS								

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary
Shallow Well: **2478-MW23**

Client Sample ID:			143GW246	CL-143-GW-269	MW23-01C3	UST2477-MW23-02A	UST2477-MW23-02C	USTT2477-MW23	USTT2478-MW23	USTT2478-MW23	USTT2478-MW23
Date Sampled:			09/19/00	05/08/01	09/19/01	04/12/02	10/18/02	04/29/03	11/03/03	04/23/04	10/29/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602											
1,2-Dichlorobenzene	620	72500	<5	NA	NA	NA	NA	NA	<1	<1	NA
1,3-Dichlorobenzene	620	61500	<5	NA	NA	NA	NA	NA	<1	<1	NA
1,4-Dichlorobenzene	75	39500	<5	NA	NA	NA	NA	NA	<1	<1	NA
EPA 602											
Benzene	1	5000	<5	<2	**21**	<1	<1	<1	<1	<1	<1.0
Chlorobenzene	50	NS	<5	NA	NA	NA	NA	NA	<1	<1	NA
Methyl tert-butyl ether	200	200000	**497**	**180**	<10	**55.2**	**50**	**7.6**	**3.4**	**0.81 J**	**0.97 J**
Ethylbenzene	29	29000	<5	<2	**18**	<1	<1	<1	<1	**1.6**	**5.4**
Xylenes (total)	530	87500	<15	<2	**19**	<3	<3	<3	<3	<3	**4.7**
Toluene	1000	257500	<5	**1.1 JB**	<1	<1	<1	<1	<1	**0.63 J**	**1.6**
Total BTEX				**1.1**	**58**					**2.23**	**11.7**
EPA 610											
Naphthalene	21	15500	NA	<2	<2	<5.0	<5.2	<5.1	<5.2	<5.6	<4.8
Acenaphthene	80	2120	NA	<1	<1	<5.0	<5.2	<5.1	<5.2	<5.6	<4.8
Acenaphthylene	210	1965	NA	<1	<1	<5.0	<5.2	<5.1	<5.2	<5.6	<4.8
Benzo(a)anthracene	0.05	22	NA	<0.1	<0.1	<5.0	<5.2	<5.1	<5.2	<5.6	<4.8
Pyrene	210	210	NA	<0.1	<0.25	<5.0	<5.2	<5.1	<5.2	<5.6	<4.8
Fluorene	280	950	NA	<2	<2	<5.0	<5.2	<5.1	<5.2	<5.6	<4.8
Anthracene	2100	2100	NA	<1	<1	<5.0	<5.2	<5.1	<5.2	<5.6	<4.8
Fluoranthene	280	280	NA	<0.2	<0.25	<5.0	<5.2	<5.1	<5.2	<5.6	<4.8
Phenanthrene	210	410	NA	<1	<1	<5.0	<5.2	<5.1	<5.2	<5.6	<4.8
MADEP VPH											
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA	NA	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	<20
MADEP EPH											
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA	NA	NA	<190
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA	NA	NA	<190
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA	NA	NA	<190
			Bold type indicates detectable concentrations.								
			Shaded area indicates detectable concentrations above 2L GWQS								

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary

Shallow Well: **2478-MW24**

Client Sample ID:			143GW247	CL-143-GW-270	MW24-01C3	UST2477-MW24-02A	UST2477-MW24-02C	USTT2477-MW24	USTT2478-MW24	USTT2478-MW24	USTT2478-MW24
Date Sampled:			09/19/00	05/08/01	09/19/01	04/11/02	10/18/02	04/29/03	11/03/03	04/23/04	10/27/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602											
1,2-Dichlorobenzene	620	72500	<1	NA	NA	NA	NA	NA	<1	<1	NA
1,3-Dichlorobenzene	620	61500	<1	NA	NA	NA	NA	NA	<1	<1	NA
1,4-Dichlorobenzene	75	39500	<1	NA	NA	NA	NA	NA	<1	<1	NA
EPA 602											
Benzene	1	5000	<1	<1	<1	<1	<1	**0.66 J**	<1	<1	**19.3**
Chlorobenzene	NS	NS	<1	NA	NA	NA	NA	NA	<1	<1	NA
Methyl tert-butyl ether	200	200000	<1	**0.66 J**	**250**	<1	<1	<1	<1	<1	<1.0
Ethylbenzene	29	29000	<1	<1	<1	<1	<1	**1.7**	<1	<1	**29.3**
Xylenes (total)	530	87500	<3	<1	<2	<3	<3	**4.4**	<3	<3	**56.8**
Toluene	1000	257500	<1	**0.37 JB**	<1	<1	<1	<1	<1	<1	**24.4**
Total BTEX				**0.37**				**6.76**			**129.8**
EPA 610											
Naphthalene	21	15500	NA	<2	<2	<5.5	<5.3	<5.0	<5.0	<5.2	**4.6 J**
Acenaphthene	80	2120	NA	<1	<1	<5.5	<5.3	<5.0	<5.0	<5.2	<4.9
Acenaphthylene	210	1965	NA	<1	<1	<5.5	<5.3	<5.0	<5.0	<5.2	<4.9
Benzo(a)anthracene	0.05	22	NA	<0.1	<0.1	<5.5	<5.3	<5.0	<5.0	<5.2	<4.9
Pyrene	210	210	NA	<0.1	<0.25	<5.5	<5.3	<5.0	<5.0	<5.2	<4.9
Fluorene	280	950	NA	<2	<2	<5.5	<5.3	<5.0	<5.0	<5.2	<4.9
Anthracene	2100	2100	NA	<1	<1	<5.5	<5.3	<5.0	<5.0	<5.2	<4.9
Fluoranthene	280	280	NA	<0.2	<0.25	<5.5	<5.3	<5.0	<5.0	<5.2	<4.9
Phenanthrene	210	410	NA	<1	<1	<5.5	<5.3	<5.0	<5.0	<5.2	<4.9
MADEP VPH											
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA	NA	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	**103**
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	**41.8**
MADEP EPH											
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA	NA	NA	<190
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA	NA	NA	<190
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA	NA	NA	<190
			Bold type indicates detectable concentrations.								
			Shaded area indicates detectable concentrations above 2L GWQS								

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW25**

Client Sample ID:			143GW248	USTT2478-MW25
Date Sampled:			09/19/00	10/26/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**
EPA 602				
1,2-Dichlorobenzene	620	72500	<1	NA
1,3-Dichlorobenzene	620	61500	<1	NA
1,4-Dichlorobenzene	75	39500	<1	NA
EPA 602				
Benzene	1	5000	<1	<1.0
Chlorobenzene	50	NS	<1	NA
Methyl tert-butyl ether	200	200000	<1	**1.7**
Ethylbenzene	29	29000	<1	<1.0
Xylenes (total)	530	87500	<3	<3.0
Toluene	1000	257500	<1	<1.0
Total BTEX				**0**
EPA 610				
Naphthalene	21	15500	NA	<4.8
Acenaphthene	80	2120	NA	<4.8
Acenaphthylene	210	1965	NA	<4.8
Benzo(a)anthracene	0.05	22	NA	<4.8
Pyrene	210	210	NA	<4.8
Fluorene	280	950	NA	<4.8
Anthracene	2100	2100	NA	<4.8
Fluoranthene	280	280	NA	<4.8
Phenanthrene	210	410	NA	<4.8
MADEP VPH				
C5-C8 Aliphatics (Unadj.)	420	NS	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NS	NA	<20
MADEP EPH				
C11-C22 Aromatics (Unadj.)	210	NS	NA	<190
C9-C18 Aliphatics	4200	NS	NA	<190
C19-C36 Aliphatics	42000	NS	NA	<190
Bold type indicates detectable concentrations.				
Shaded area indicates detectable concentrations above 2L GWQS				

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary

Shallow Well: **OB1**

Client Sample ID:			143GW061	143GW065	143GW134	143GW152	143GW165	143GW179	143GW207	143GW220
Date Sampled:			03/13/98	05/01/98	11/17/98	02/28/99	05/20/99	09/11/99	11/14/99	05/10/00
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602										
1,2-Dichlorobenzene	620	72500	<1000	<2500	<1400	<500	<50	<50	<200	<50
1,3-Dichlorobenzene	620	61500	<750	<1900	<1400	<500	<50	<50	<200	<50
1,4-Dichlorobenzene	75	39500	<1500	<3800	<1400	<500	<50	<50	<200	<50
EPA 602										
Benzene	1	5000	<500	<1200	**360 J**	<500	**35.9**	**35.2**	<200	<50
Chlorobenzene	NS	NS	<500	<1200	<1400	<500	<50	<50	<200	<50
Methyl tert-butyl ether	200	200000	<5000	<5000	**2200 J**	**1680**	**1500**	<1	**1500**	**665**
Ethylbenzene	29	29000	**1700**	**2400**	**2200**	**1140**	**1810**	**2260**	**819**	**1510**
Xylenes (total)	530	87500	**9100 P**	**12200**	**11100**	**9850**	**12900**	**14700**	**5650**	**9550**
Toluene	1000	257500	**11000 B**	**25000 B**	**13000**	**14500**	**14700**	**13000**	**5210**	**10700**
Total BTEX			**21800**	**39600**	**26660**	**25490**	**29445.9**	**29995.2**	**11679**	**21760**
EPA 610										
Naphthalene	21	15500	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	80	2120	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	210	1965	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.05	22	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	210	210	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	950	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2100	2100	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	280	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	210	410	NA	NA	NA	NA	NA	NA	NA	NA
MADEP VPH										
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA
MADEP EPH										
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA	NA	NA
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.							
			Shaded area indicates detectable concentrations above 2L GWQS							

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary
Shallow Well: **OB1**

Client Sample ID:		143GW240	143GW258	CL-143-GW-273	OB1-01C3	UST2477-OB1-02A	UST2478-OB1-02C	USTT2477-OB01	USTT2477-OB01	USTT2477-OB01	USTT2477-OB01
Date Sampled:		08/28/00	12/18/00	05/15/01	09/21/01	04/10/02	10/17/02	04/29/03	10/27/03	04/22/04	10/26/04
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602											
1,2-Dichlorobenzene	620	<2	<1	NA	NA	NA	NA	NA	<1	<10	NA
1,3-Dichlorobenzene	620	<2	<1	NA	NA	NA	NA	NA	<1	<10	NA
1,4-Dichlorobenzene	75	<2	<1	NA	NA	NA	NA	NA	<1	<10	NA
EPA 602											
Benzene	1	**20**	<200	**46 J**	<50	**0.65**	<10	<1	**17.5**	<10	**5.5 J**
Chlorobenzene	NS	<2	<200	NA	NA	NA	NA	NA	<1	<10	NA
Methyl tert-butyl ether	200	**222**	<200	**48 J**	<500	**6.8**	<10	**3.4**	**7.4**	<10	<10
Ethylbenzene	29	**1700**	**1800**	**920**	**800**	**435**	**362**	**15.4**	**120**	**96.7**	**459**
Xylenes (total)	530	**10000**	**10000**	**7000**	**5200**	**3730**	**3490**	**95.6**	**627**	**527**	**2030**
Toluene	1000	**9770**	**13000**	**5800 B**	**3400**	**1600**	**555**	**21.7**	**654**	**469**	**2710**
Total BTEX		**21490**	**24800**	**13766**	**9400**	**5765.65**	**4407**	**132.7**	**1418.5**	**1092.7**	**5204.5**
EPA 610											
Naphthalene	21	NA	NA	**130**	**42**	**51.5**	**109**	**4.4 J**	**5.2**	**9.6**	**99.7**
Acenaphthene	80	NA	NA	<2	**7.1 P**	<20	<21	<5.1	<5.1	<5.2	<4.8
Acenaphthylene	210	NA	NA	<2	**24**	<20	<21	<5.1	<5.1	<5.2	<4.8
Benzo(a)anthracene	0.05	NA	NA	<0.2	<0.1	<20	<21	<5.1	<5.1	<5.2	<4.8
Pyrene	210	NA	NA	<0.2	<0.25	<20	<21	<5.1	<5.1	<5.2	<4.8
Fluorene	280	NA	NA	<4	<2	<20	<21	<5.1	<5.1	<5.2	<4.8
Anthracene	2100	NA	NA	<2	<1	<20	<21	<5.1	<5.1	<5.2	<4.8
Fluoranthene	280	NA	NA	<0.4	<0.25	<20	<21	<5.1	<5.1	<5.2	<4.8
Phenanthrene	210	NA	NA	<2	<1	<20	<21	<5.1	<5.1	<5.2	<4.8
MADEP VPH											
C5-C8 Aliphatics (Unadj.)	420	NA	NA	NA	NA	NA	NA	NA	NA	NA	**4180**
C9-C12 Aliphatics (Unadj.)	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5860**
C9-C10 Aromatics (Unadj.)	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3700**
MADEP EPH											
C11-C22 Aromatics (Unadj.)	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	**366**
C9-C18 Aliphatics	4200	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1080**
C19-C36 Aliphatics	42000	NA	NA	NA	NA	NA	NA	NA	NA	NA	<190
		Bold type indicates detectable concentrations.									
		Shaded area indicates detectable concentrations above 2L GWQS									

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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CLJ - POL 2477/78
Project #844098

Analytical Data Summary
Shallow Well: **OB10**

Client Sample ID:			143GW062	143GW086	143GW133	143GW159	143GW172	143GW186	143GW208	143GW227
Date Sampled:			03/13/98	05/01/98	11/17/98	03/01/99	05/20/99	09/11/99	11/14/99	05/10/00
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602										
1,2-Dichlorobenzene	620	72500	<500	<500	<170	<25	<1	<1	<50	<5
1,3-Dichlorobenzene	620	61500	<380	<380	<170	<25	<1	<1	<50	<5
1,4-Dichlorobenzene	75	39500	<750	<750	<170	<25	<1	<1	<50	<5
EPA 602										
Benzene	1	5000	**920**	**910 P**	**1000**	**2420**	**2650**	**3390**	**3380**	**1970**
Chlorobenzene	NS	NS	<250	<250	<170	<25	<1	<1	<50	<5
Methyl tert-butyl ether	200	200000	<2500	<1000	<830	**60.6**	<1	<1	**56.5**	<5
Ethylbenzene	29	29000	**600**	**890**	**460**	**1060**	**1260**	<1	**1320**	**833**
Xylenes (total)	530	87500	**2020**	**3500**	**2600**	**5050**	**5830**	**5400**	**5850**	**3750**
Toluene	1000	257500	**3800 B**	**4400 B**	**1900**	**5500**	**6300**	**7060**	**6400**	**4950**
Total BTEX			**7340**	**9700**	**5960**	**14030**	**16040**	**15850**	**16950**	**11503**
EPA 610										
Naphthalene	21	15500	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	80	2120	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	210	1965	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.05	22	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	210	210	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	950	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2100	2100	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	280	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	210	410	NA	NA	NA	NA	NA	NA	NA	NA
MADEP VPH										
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA
MADEP EPH										
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA	NA	NA
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.							
			Shaded area indicates detectable concentrations above 2L GWQS							

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary
Shallow Well: **OB10**

Client Sample ID:		143GW241	143GW265	CL-143-GW-274	OB10-01C3	UST2477-OB10-02A	UST2478-OB10-02C	USTT2477-OB10	USTT2477-OB10	USTT2477-OB10
Date Sampled:		08/26/00	12/18/00	05/15/01	09/24/01	04/10/02	10/17/02	10/27/03	04/22/04	10/27/04
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602										
1,2-Dichlorobenzene	620	<2	<150	NA	NA	NA	NA	<1	<1	NA
1,3-Dichlorobenzene	620	<2	<150	NA	NA	NA	NA	<1	<1	NA
1,4-Dichlorobenzene	75	<2	<150	NA	NA	NA	NA	**0.7 J**	<1	NA
EPA 602										
Benzene	1	**3480**	**2200**	**1700**	**70**	**192**	**114**	**110**	**2.2**	**1010**
Chlorobenzene	NS	<2	<150	NA	NA	NA	NA	<1	<1	NA
Methyl tert-butyl ether	200	**10.2**	<750	<250	<10	<1	<1	**27.4**	**7.2**	**20.2**
Ethylbenzene	29	**1330**	**1000**	**170**	**25**	**29.4**	**19.5**	**123**	**2.3**	**1700**
Xylenes (total)	530	**5860**	**4800**	**2600**	**110**	**321**	**81.8**	**360**	**7.5**	**4200**
Toluene	1000	**7650**	**7100**	**3800 B**	**120**	**313**	**21.2**	**51.5**	**1.6**	**2710**
Total BTEX		**18320**	**15100**	**8270**	**325**	**855.4**	**236.5**	**644.5**	**13.6**	**9620**
EPA 610										
Naphthalene	21	NA	NA	**30**	<2	<5.5	<5.1	**7.7**	<5.2	**330**
Acenaphthene	80	NA	NA	<1	<1	<5.5	<5.1	<5.0	<5.2	<19
Acenaphthylene	210	NA	NA	<1	<1	<5.5	<5.1	<5.0	<5.2	<19
Benzo(a)anthracene	0.05	NA	NA	<0.1	**0.72**	<5.5	<5.1	**5.2**	<5.2	<19
Pyrene	210	NA	NA	<0.1	**1.5**	<5.5	<5.1	**8.0**	<5.2	<19
Fluorene	280	NA	NA	<2	<2	<5.5	<5.1	<5.0	<5.2	<19
Anthracene	2100	NA	NA	<1	<1	<5.5	<5.1	**2.2**	<5.2	<19
Fluoranthene	280	NA	NA	<0.2	**1.5 P**	<5.5	<5.1	**11.2**	<5.2	<19
Phenanthrene	210	NA	NA	<1	<1	<5.5	<5.1	**8.9**	<5.2	<19
MADEP VPH										
C5-C8 Aliphatics (Unadj.)	420	NA	NA	NA	NA	NA	NA	NA	NA	**5220**
C9-C12 Aliphatics (Unadj.)	NS	NA	NA	NA	NA	NA	NA	NA	NA	**8340**
C9-C10 Aromatics (Unadj.)	NS	NA	NA	NA	NA	NA	NA	NA	NA	**4040**
MADEP EPH										
C11-C22 Aromatics (Unadj.)	210	NA	NA	NA	NA	NA	NA	NA	NA	**604**
C9-C18 Aliphatics	4200	NA	NA	NA	NA	NA	NA	NA	NA	**921**
C19-C36 Aliphatics	42000	NA	NA	NA	NA	NA	NA	NA	NA	<190
		Bold type indicates detectable concentrations.								
		Shaded area indicates detectable concentrations above 2L GWQS								

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary

Shallow Well: **PVC-101**

Client Sample ID:			143GW210	143GW251	143GW252	CL-143-GW-271	MWPVC101-01C3	JST2477-MWPVC101-02A
Date Sampled:			11/14/99	09/19/00	10/04/00	05/08/01	09/19/01	04/12/02
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602								
1,2-Dichlorobenzene	620	72500	<40	<2	<40	NA	NA	NA
1,3-Dichlorobenzene	620	61500	<40	<2	<40	NA	NA	NA
1,4-Dichlorobenzene	75	39500	<40	<2	<40	NA	NA	NA
EPA 602								
Benzene	1	5000	**196**	**280**	**496**	**3400**	**1500**	**5.0**
Chlorobenzene	NS	NS	<40	<2	<40	NA	NA	NA
Methyl tert-butyl ether	200	200000	**358**	**82.2**	**220**	**1200**	<500	**21.8**
Ethylbenzene	29	29000	**134**	**418**	**268**	**1200**	**500**	**2.2**
Xylenes (total)	530	87500	**495**	**38.3**	**95.9 J**	**2300**	**580**	<3.0
Toluene	1000	257500	**146**	**14.5**	**31.8 J**	**130 B**	<50	**0.63 J**
Total BTEX			**971**	**750.8**	**891.7**	**7030**	**2580**	**7.83**
EPA 610								
Naphthalene	21	15500	NA	NA	NA	**190**	**76**	<5.0
Acenaphthene	80	2120	NA	NA	NA	<4	**4.3 P**	<5.0
Acenaphthylene	210	1965	NA	NA	NA	<4	**13**	<5.0
Benzo(a)anthracene	0.05	22	NA	NA	NA	<0.4	<0.1	<5.0
Pyrene	210	210	NA	NA	NA	<0.4	<0.25	<5.0
Fluorene	280	950	NA	NA	NA	<8	<2	<5.0
Anthracene	2100	2100	NA	NA	NA	<4	<1	<5.0
Fluoranthene	280	280	NA	NA	NA	<8	<0.25	<5.0
Phenanthrene	210	410	NA	NA	NA	<4	<1	<5.0
MADEP VPH								
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
MADEP EPH								
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.					
			Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary

Shallow Well: **PVC-101**

Client Sample ID:		UST2478-MW101-02C	USTT2477-MWPVC101	USTT2477-MWPVC101	USTT2477-MWPVC101	UST2477-MWPVC101
Date Sampled:		10/17/02	04/29/03	10/27/03	04/22/04	10/27/04
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602						
1,2-Dichlorobenzene	620	NA	NA	<1	<1	NA
1,3-Dichlorobenzene	620	NA	NA	<1	<1	NA
1,4-Dichlorobenzene	75	NA	NA	<1	<1	NA
EPA 602						
Benzene	1	**1550**	**123**	**576**	**991**	**2360**
Chlorobenzene	NS	NA	NA	<1	<10	NA
Methyl tert-butyl ether	200	**15.5**	**6.5**	**16.5**	<10	<1.0
Ethylbenzene	29	**333**	**35.9**	**79.9**	**411**	**1330**
Xylenes (total)	530	**1040**	**37.3**	**217**	**616**	**2010**
Toluene	1000	**19.1**	<2.0	**51.9**	**35.7**	**505**
Total BTEX		**2942.1**	**196.2**	**924.8**	**2053.7**	**6205**
EPA 610						
Naphthalene	21	**70.6**	**5.9**	**32.2**	**109**	**308**
Acenaphthene	80	<5.1	<5.0	<10	<5.3	<4.8
Acenaphthylene	210	<5.1	<5.0	<10	<5.3	<4.8
Benzo(a)anthracene	0.05	<5.1	<5.0	<10	<5.3	<4.8
Pyrene	210	<5.1	<5.0	<10	<5.3	<4.8
Fluorene	280	<5.1	<5.0	<10	<5.3	<4.8
Anthracene	2100	<5.1	<5.0	<10	<5.3	<4.8
Fluoranthene	280	<5.1	<5.0	<10	<5.3	<4.8
Phenanthrene	210	<5.1	<5.0	<10	<5.3	<4.8
MADEP VPH						
C5-C8 Aliphatics (Unadj.)	420	NA	NA	NA	NA	**4250**
C9-C12 Aliphatics (Unadj.)	NS	NA	NA	NA	NA	**5370**
C9-C10 Aromatics (Unadj.)	NS	NA	NA	NA	NA	**2550**
MADEP EPH						
C11-C22 Aromatics (Unadj.)	210	NA	NA	NA	NA	**371**
C9-C18 Aliphatics	4200	NA	NA	NA	NA	**749**
C19-C36 Aliphatics	42000	NA	NA	NA	NA	<190
		Bold type indicates detectable concentrations.				
		Shaded area indicates detectable concentrations above 2L GWQS				

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary

Shallow Well: **SS-100**

Client Sample ID:			143GW209	143GW262	143GW251	CL-143-GW-276	SS100-01C3	UST2477-MWSS100-02A
Date Sampled:			11/14/99	09/19/00	10/04/00	05/15/01	09/21/01	04/10/02
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602								
1,2-Dichlorobenzene	620	72500	<1	<2	<2	NA	NA	NA
1,3-Dichlorobenzene	620	61500	<1	<2	<2	NA	NA	NA
1,4-Dichlorobenzene	75	39500	<1	<2	<2	NA	NA	NA
EPA 602								
Benzene	1	5000	**31.6**	<1	<1	<1	**1.2**	**0.69 J**
Chlorobenzene	NS	NS	<1	<2	<2	NA	NA	NA
Methyl tert-butyl ether	200	200000	<1	<2	<2	<5	<10	<1
Ethylbenzene	29	29000	**48.5**	<2	<2	**1.1**	**2.2**	**1.0**
Xylenes (total)	530	87500	**247**	<6	<6	<1	<2	**6.8**
Toluene	1000	257500	**460**	<2	<2	**0.34 JB**	<1	**3.8**
Total BTEX			**787.1**			**1.44**	**3.4**	**12.29**
EPA 610								
Naphthalene	21	15500	NA	NA	NA	**6.6**	<2	<5.5
Acenaphthene	80	2120	NA	NA	NA	<1	<1	<5.5
Acenaphthylene	210	1965	NA	NA	NA	<1	<1	<5.5
Benzo(a)anthracene	0.05	22	NA	NA	NA	<0.1	<0.1	<5.5
Pyrene	210	210	NA	NA	NA	<0.1	<0.25	<5.5
Fluorene	280	950	NA	NA	NA	<2	<2	<5.5
Anthracene	2100	2100	NA	NA	NA	<1	<1	<5.5
Fluoranthene	280	280	NA	NA	NA	<0.2	<0.25	<5.5
Phenanthrene	210	410	NA	NA	NA	<1	<1	<5.5
MADEP VPH								
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
MADEP EPH								
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.					
			Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary

Shallow Well: **SS-100**

Client Sample ID:		UST2478-MW100-02C	USTT2477-MWSS100	USTT2477-MWSS100	USTT2477-MWSS100	UST2478-MWSS100	
Date Sampled:		10/17/02	04/29/03	10/27/03	04/23/04	10/26/04	
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**	
EPA 602							
1,2-Dichlorobenzene	620	NA	NA	<1	<1	NA	
1,3-Dichlorobenzene	620	NA	NA	**0.58 J**	<1	NA	
1,4-Dichlorobenzene	75	NA	NA	<1	<1	NA	
EPA 602							
Benzene	1	<1	<1	**9**	<1	<1.0	
Chlorobenzene	NS	NA	NA	<1	<1	NA	
Methyl tert-butyl ether	200	<1	<1	<1	<1	<1.0	
Ethylbenzene	29	<1	**1.5**	**8.7**	<1	<1.0	
Xylenes (total)	530	<3	**10.6**	**38.3**	<3	<3.0	
Toluene	1000	<1	**0.91 J**	**31**	<1	<1.0	
Total BTEX			**13.01**	**87**		**0**	
EPA 610							
Naphthalene	21	<5.1	**5.4**	**5.5**	<5.6	**3.4 J**	
Acenaphthene	80	<5.1	<5.1	<5.1	<5.6	<4.8	
Acenaphthylene	210	<5.1	<5.1	<5.1	<5.6	<4.8	
Benzo(a)anthracene	0.05	<5.1	<5.1	<5.1	<5.6	<4.8	
Pyrene	210	<5.1	<5.1	<5.1	<5.6	<4.8	
Fluorene	280	<5.1	<5.1	<5.1	<5.6	<4.8	
Anthracene	2100	<5.1	<5.1	<5.1	<5.6	<4.8	
Fluoranthene	280	<5.1	<5.1	<5.1	<5.6	<4.8	
Phenanthrene	210	<5.1	<5.1	<5.1	<5.6	<4.8	
MADEP VPH							
C5-C8 Aliphatics (Unadj.)	420	NA	NA	NA	NA	<75	
C9-C12 Aliphatics (Unadj.)	NS	NA	NA	NA	NA	<55	
C9-C10 Aromatics (Unadj.)	NS	NA	NA	NA	NA	<20	
MADEP EPH							
C11-C22 Aromatics (Unadj.)	210	NA	NA	NA	NA	**144**	
C9-C18 Aliphatics	4200	NA	NA	NA	NA	<190	
C19-C36 Aliphatics	42000	NA	NA	NA	NA	<190	
		Bold type indicates detectable concentrations.					
		Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **MW1**

Client Sample ID:			143GW017	143GW039	143GW069	143GW151	143GW151	143GW164
Date Sampled:			08/13/97	01/21/98	05/01/98	11/17/98	02/28/99	05/20/99
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602								
1,2-Dichlorobenzene	620	72500	<1	<1	<25	<1	<1	<1
1,3-Dichlorobenzene	620	61500	**0.84 P**	<0.8	<19	<1	<1	<1
1,4-Dichlorobenzene	75	39500	<1.5	<1.5	<38	<1	<1	<1
EPA 602								
Benzene	1	5000	**5.9**	**0.15 J**	**4 JP**	<1	**2.3**	**3.7**
Chlorobenzene	NS	NS	<0.5	<0.5	<12	<1	<1	<1
Methyl tert-butyl ether	200	200000	**0.38 JP**	<5	<120	<5	<1	<1
Ethylbenzene	29	29000	**6.6**	**0.22 J**	**17 J**	<1	**1.5**	**2**
Xylenes (total)	530	87500	**4**	**1.45 JB**	**108**	**0.6 J**	**6**	**8.9**
Toluene	1000	257500	**0.61 J**	**1.1 JB**	**102 B**	<1	**4.5**	**9**
Total BTEX			**17.11**	**2.92**	**231**	**0.6**	**14.3**	**23.6**
EPA 610								
Naphthalene	21	15500	NA	NA	NA	NA	NA	NA
Acenaphthene	80	2120	NA	NA	NA	NA	NA	NA
Acenaphthylene	210	1965	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.05	22	NA	NA	NA	NA	NA	NA
Pyrene	210	210	NA	NA	NA	NA	NA	NA
Fluorene	280	950	NA	NA	NA	NA	NA	NA
Anthracene	2100	2100	NA	NA	NA	NA	NA	NA
Fluoranthene	280	280	NA	NA	NA	NA	NA	NA
Phenanthrene	210	410	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.					
			Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **MW1**

Client Sample ID:		143GW178	143GW195	143GW219	143GW234	CL-143-GW-267	2477-MW01
Date Sampled:		09/11/99	11/11/99	05/10/00	08/26/00	12/18/00	10/27/04
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602							
1,2-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,3-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,4-Dichlorobenzene	75	<1	<1	<1	<2	<1	NA
EPA 602							
Benzene	1	**8.3**	<1	<1	<1	<1	**4.1**
Chlorobenzene	NS	<1	<1	<1	<2	<1	NA
Methyl tert-butyl ether	200	<1	<1	<1	<2	<5	<1.0
Ethylbenzene	29	<1	**1**	<1	<2	<1	**10.6**
Xylenes (total)	530	**11.4**	**7.7**	<3	<6	<1	**23.3**
Toluene	1000	**9.8**	**2.6**	<1	**0.71 J**	<1	**10.2**
Total BTEX		**29.5**	**11.3**		**0.71**		**48.2**
EPA 610							
Naphthalene	21	NA	NA	NA	NA	NA	**9.3**
Acenaphthene	80	NA	NA	NA	NA	NA	**1.7 J**
Acenaphthylene	210	NA	NA	NA	NA	NA	<4.8
Benzo(a)anthracene	0.05	NA	NA	NA	NA	NA	<4.8
Pyrene	210	NA	NA	NA	NA	NA	<4.8
Fluorene	280	NA	NA	NA	NA	NA	**3.8 J**
Anthracene	2100	NA	NA	NA	NA	NA	<4.8
Fluoranthene	280	NA	NA	NA	NA	NA	<4.8
Phenanthrene	210	NA	NA	NA	NA	NA	**3.7 J**
		Bold type indicates detectable concentrations.					
		Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **MW5**

Client Sample ID:			143GW011	143GW040	143GW070	143GW136	143GW150	143GW163
Date Sampled:			08/13/97	01/21/98	05/01/98	11/17/98	02/28/99	05/20/99
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602								
1,2-Dichlorobenzene	620	72500	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	620	61500	<0.8	<0.8	<0.8	<1	<1	<1
1,4-Dichlorobenzene	75	39500	<1.5	<1.5	<1.5	**0.39 J**	<1	<1
EPA 602								
Benzene	1	5000	<0.5	**1.1 P**	<0.5	<1	**2.7**	**2.4**
Chlorobenzene	NS	NS	<0.5	<0.5	**0.062 J**	<1	<1	<1
Methyl tert-butyl ether	200	200000	<2	<5	<2	**13**	<1	<1
Ethylbenzene	29	29000	<0.8	**9.6 P**	**0.26 J**	**0.26 J**	**1.3**	**1.5**
Xylenes (total)	530	87500	<3	<3	**1.01 J**	**1.24 J**	**4.6**	**6.5**
Toluene	1000	257500	<2	<2	**1.5 JB**	**1.4**	**5.1**	**6.6**
Total BTEX				**10.7**	**2.77**	**2.9**	**13.7**	**17**
EPA 610								
Naphthalene	21	15500	NA	NA	NA	NA	NA	NA
Acenaphthene	80	2120	NA	NA	NA	NA	NA	NA
Acenaphthylene	210	1965	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.05	22	NA	NA	NA	NA	NA	NA
Pyrene	210	210	NA	NA	NA	NA	NA	NA
Fluorene	280	950	NA	NA	NA	NA	NA	NA
Anthracene	2100	2100	NA	NA	NA	NA	NA	NA
Fluoranthene	280	280	NA	NA	NA	NA	NA	NA
Phenanthrene	210	410	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.					
			Shaded area indicates detectable concentrations above 2L GWQS.					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **MW5**

Client Sample ID:		143GW177	143GW194	143GW218	143GW233	CL-143-GW-256	2477-MW05
Date Sampled:		09/11/99	11/11/99	05/10/00	08/26/00	12/18/00	10/27/04
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602							
1,2-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,3-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,4-Dichlorobenzene	75	<1	<1	<1	<2	<1	NA
EPA 602							
Benzene	1	**5.6**	<1	<1	<1	<1	**2.9**
Chlorobenzene	NS	<1	<1	<1	<2	<1	NA
Methyl tert-butyl ether	200	<1	<1	<1	<2	<5	<1.0
Ethylbenzene	29	<1	<1	<1	<2	<1	**11.3**
Xylenes (total)	530	**2.5**	<3	<3	<6	<1	**21.8**
Toluene	1000	**5.2**	<1	<1	<2	<1	**8.4**
Total BTEX		**13.3**					**44.4**
EPA 610							
Naphthalene	21	NA	NA	NA	NA	NA	<4.8
Acenaphthene	80	NA	NA	NA	NA	NA	<4.8
Acenaphthylene	210	NA	NA	NA	NA	NA	<4.8
Benzo(a)anthracene	0.05	NA	NA	NA	NA	NA	<4.8
Pyrene	210	NA	NA	NA	NA	NA	<4.8
Fluorene	280	NA	NA	NA	NA	NA	**1.4 J**
Anthracene	2100	NA	NA	NA	NA	NA	<4.8
Fluoranthene	280	NA	NA	NA	NA	NA	**1.5 J**
Phenanthrene	210	NA	NA	NA	NA	NA	<4.8
		Bold type indicates detectable concentrations.					
		Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **MW6**

Client Sample ID:			143GW196	2477-MW06
Date Sampled:			11/11/99	10/14/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**
EPA 602				
1,2-Dichlorobenzene	620	72500	<1	NA
1,3-Dichlorobenzene	620	61500	<1	NA
1,4-Dichlorobenzene	75	39500	<1	NA
EPA 602				
Benzene	1	5000	<1	<1.0
Chlorobenzene	NS	NS	<1	NA
Methyl tert-butyl ether	200	200000	<1	<1.0
Ethylbenzene	29	29000	<1	<1.0
Xylenes (total)	530	87500	<3	<3.0
Toluene	1000	257500	<1	<1.0
Total BTEX				
EPA 610				**0**
Naphthalene	21	15500	NA	<4.8
Acenaphthene	80	2120	NA	<4.8
Acenaphthylene	210	1965	NA	<4.8
Benzo(a)anthracene	0.05	22	NA	<4.8
Pyrene	210	210	NA	<4.8
Fluorene	280	950	NA	<4.8
Anthracene	2100	2100	NA	<4.8
Fluoranthene	280	280	NA	<4.8
Phenanthrene	210	410	NA	<4.8
MADEP VPH				
C5-C8 Aliphatics (Unadj.)	420	NS	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NS	NA	<20
MADEP EPH				
C11-C22 Aromatics (Unadj.)	210	NS	NA	<190
C9-C18 Aliphatics	4200	NS	NA	<190
C19-C36 Aliphatics	42000	NS	NA	<190
Bold type indicates detectable concentrations.				
Shaded area indicates detectable concentrations above 2L GWQS				

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Deep Well: **MW7**

Client Sample ID:			143GW197	2477-MW07
Date Sampled:			11/11/99	10/20/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**
EPA 602				
1,2-Dichlorobenzene	620	72500	<1	NA
1,3-Dichlorobenzene	620	61500	<1	NA
1,4-Dichlorobenzene	75	39500	<1	NA
EPA 602				
Benzene	1	5000	<1	<1.0
Chlorobenzene	NS	NS	<1	NA
Methyl tert-butyl ether	200	200000	<1	<1.0
Ethylbenzene	29	29000	<1	<1.0
Xylenes (total)	530	87500	<3	<3.0
Toluene	1000	257500	<1	<1.0
Total BTEX				**0**
EPA 610				
Naphthalene	21	15500	NA	<5.0
Acenaphthene	80	2120	NA	<5.0
Acenaphthylene	210	1965	NA	<5.0
Benzo(a)anthracene	0.05	22	NA	<5.0
Pyrene	210	210	NA	<5.0
Fluorene	280	950	NA	<5.0
Anthracene	2100	2100	NA	<5.0
Fluoranthene	280	280	NA	<5.0
Phenanthrene	210	410	NA	<5.0
MADEP VPH				
C5-C8 Aliphatics (Unadj.)	420	NS	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NS	NA	<20
MADEP EPH				
C11-C22 Aromatics (Unadj.)	210	NS	NA	<190
C9-C18 Aliphatics	4200	NS	NA	<190
C19-C36 Aliphatics	42000	NS	NA	<190
Bold type indicates detectable concentrations.				
Shaded area indicates detectable concentrations above 2L GWQS				

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **MW10**

Client Sample ID:			143GW201	2477-MW10
Date Sampled:			11/13/99	10/20/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**
EPA 602				
1,2-Dichlorobenzene	620	72500	<1	NA
1,3-Dichlorobenzene	620	61500	<1	NA
1,4-Dichlorobenzene	75	39500	<1	NA
EPA 602				
Benzene	1	5000	<1	<1.0
Chlorobenzene	NS	NS	<1	NA
Methyl tert-butyl ether	200	200000	<1	<1.0
Ethylbenzene	29	29000	<1	<1.0
Xylenes (total)	530	87500	<3	<3.0
Toluene	1000	257500	<1	<1.0
Total BTEX				**0**
EPA 610				
Naphthalene	21	15500	NA	<5.0
Acenaphthene	80	2120	NA	<5.0
Acenaphthylene	210	1965	NA	<5.0
Benzo(a)anthracene	0.05	22	NA	<5.0
Pyrene	210	210	NA	<5.0
Fluorene	280	950	NA	<5.0
Anthracene	2100	2100	NA	<5.0
Fluoranthene	280	280	NA	<5.0
Phenanthrene	210	410	NA	<5.0
MADEP VPH				
C5-C8 Aliphatics (Unadj.)	420	NS	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NS	NA	<20
MADEP EPH				
C11-C22 Aromatics (Unadj.)	210	NS	NA	<190
C9-C18 Aliphatics	4200	NS	NA	<190
C19-C36 Aliphatics	42000	NS	NA	<190
Bold type indicates detectable concentrations.				
Shaded area indicates detectable concentrations above 2L GWQS				

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

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Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Deep Well: **MW11**

Client Sample ID:			143GW200	2477-MW11
Date Sampled:			11/13/99	10/20/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**
EPA 602				
1,2-Dichlorobenzene	620	72500	<1	NA
1,3-Dichlorobenzene	620	61500	<1	NA
1,4-Dichlorobenzene	75	39500	<1	NA
EPA 602				
Benzene	1	5000	<1	<1.0
Chlorobenzene	NS	NS	<1	NA
Methyl tert-butyl ether	200	200000	<1	<1.0
Ethylbenzene	29	29000	<1	<1.0
Xylenes (total)	530	87500	<3	<3.0
Toluene	1000	257500	<1	<1.0
Total BTEX				**0**
EPA 610				
Naphthalene	21	15500	NA	<5.0
Acenaphthene	80	2120	NA	<5.0
Acenaphthylene	210	1965	NA	<5.0
Benzo(a)anthracene	0.05	22	NA	<5.0
Pyrene	210	210	NA	<5.0
Fluorene	280	950	NA	<5.0
Anthracene	2100	2100	NA	<5.0
Fluoranthene	280	280	NA	<5.0
Phenanthrene	210	410	NA	<5.0
MADEP VPH				
C5-C8 Aliphatics (Unadj.)	420	NS	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NS	NA	<20
MADEP EPH				
C11-C22 Aromatics (Unadj.)	210	NS	NA	<190
C9-C18 Aliphatics	4200	NS	NA	<190
C19-C36 Aliphatics	42000	NS	NA	<190
Bold type indicates detectable concentrations.				
Shaded area indicates detectable concentrations above 2L GWQS				

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Deep Well: **MW12**

Client Sample ID:			143GW205
Date Sampled:			11/14/99
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**
EPA 602			
1,2-Dichlorobenzene	620	72500	<1
1,3-Dichlorobenzene	620	61500	<1
1,4-Dichlorobenzene	75	39500	<1
EPA 602			
Benzene	1	5000	<1
Chlorobenzene	NS	NS	<1
Methyl tert-butyl ether	200	200000	**19.6**
Ethylbenzene	29	29000	<1
Xylenes (total)	530	87500	<3
Toluene	1000	257500	<1
Total BTEX			
EPA 610			
Naphthalene	21	15500	NA
Acenaphthene	80	2120	NA
Acenaphthylene	210	1965	NA
Benzo(a)anthracene	0.05	22	NA
Pyrene	210	210	NA
Fluorene	280	950	NA
Anthracene	2100	2100	NA
Fluoranthene	280	280	NA
Phenanthrene	210	410	NA
Bold type indicates detectable concentrations.			
Shaded area indicates detectable concentrations above 2L GWQS			

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **MW13**

Client Sample ID:			143GW015	143GW041	143GW071	143GW138	143GW157	143GW169
Date Sampled:			08/13/97	01/21/98	05/01/98	11/17/98	03/01/99	05/20/99
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602								
1,2-Dichlorobenzene	620	72500	<2	<1	<25	<1	<1	<1
1,3-Dichlorobenzene	620	61500	<1.5	<0.8	<19	<1	<1	<1
1,4-Dichlorobenzene	75	39500	<3	<1.5	<38	**0.3 J**	<1	<1
EPA 602								
Benzene	1	5000	**1.4 P**	<0.5	<12	<1	**1**	**8.5**
Chlorobenzene	NS	NS	<1	<0.5	<12	<1	<1	<1
Methyl tert-butyl ether	200	200000	**18 P**	<5	<50	**45**	<1	<1
Ethylbenzene	29	29000	**14 P**	**0.15 JP**	**20**	<1	**2.5**	**58.5**
Xylenes (total)	530	87500	<6	**0.41 JB**	**90 JB**	**0.28 J**	**18.7**	**64.2**
Toluene	1000	257500	**0.28 JP**	**0.67 JB**	**160 BP**	**0.74 J**	**22.1**	<1
Total BTEX			**15.68**	**1.23**	**270**	**1.02**	**44.3**	**131.2**
EPA 610								
Naphthalene	21	15500	NA	NA	NA	NA	NA	NA
Acenaphthene	80	2120	NA	NA	NA	NA	NA	NA
Acenaphthylene	210	1965	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.05	22	NA	NA	NA	NA	NA	NA
Pyrene	210	210	NA	NA	NA	NA	NA	NA
Fluorene	280	950	NA	NA	NA	NA	NA	NA
Anthracene	2100	2100	NA	NA	NA	NA	NA	NA
Fluoranthene	280	280	NA	NA	NA	NA	NA	NA
Phenanthrene	210	410	NA	NA	NA	NA	NA	NA
MADEP VPH								
C5-C8 Aliphatics (Unadj.)	420	NS	NA	NA	NA	NA	NA	NA
C9-C12 Aliphatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
C9-C10 Aromatics (Unadj.)	NS	NS	NA	NA	NA	NA	NA	NA
MADEP EPH								
C11-C22 Aromatics (Unadj.)	210	NS	NA	NA	NA	NA	NA	NA
C9-C18 Aliphatics	4200	NS	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	42000	NS	NA	NA	NA	NA	NA	NA
			Bold type indicates detectable concentrations.					
			Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **MW13**

Client Sample ID:		143GW183	143GW193	143GW224	143GW232	CL-143-GW-262	2478-MW13
Date Sampled:		09/11/99	11/11/99	05/10/00	08/26/00	12/18/00	10/12/04
Analyte (ug/l)	**2L GWQS**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602							
1,2-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,3-Dichlorobenzene	620	<1	<1	<1	<2	<1	NA
1,4-Dichlorobenzene	75	<1	<1	<1	<2	<1	NA
EPA 602							
Benzene	1	**6.9**	<1	<1	<1	<1	<1.0
Chlorobenzene	NS	<1	<1	<1	<2	<1	NA
Methyl tert-butyl ether	200	<1	**1.5**	<1	<2	<5	<1.0
Ethylbenzene	29	<1	**1**	<1	<2	<1	<1.0
Xylenes (total)	530	**243**	<3	<3	<6	<1	<3.0
Toluene	1000	**212**	<1	<1	**0.8 J**	<1	<1.0
Total BTEX		**461.9**	**1**		**0.8**		**0**
EPA 610							
Naphthalene	21	NA	NA	NA	NA	NA	<4.8
Acenaphthene	80	NA	NA	NA	NA	NA	<4.8
Acenaphthylene	210	NA	NA	NA	NA	NA	<4.8
Benzo(a)anthracene	0.05	NA	NA	NA	NA	NA	<4.8
Pyrene	210	NA	NA	NA	NA	NA	<4.8
Fluorene	280	NA	NA	NA	NA	NA	<4.8
Anthracene	2100	NA	NA	NA	NA	NA	<4.8
Fluoranthene	280	NA	NA	NA	NA	NA	<4.8
Phenanthrene	210	NA	NA	NA	NA	NA	<4.8
MADEP VPH							
C5-C8 Aliphatics (Unadj.)	420	NA	NA	NA	NA	NA	<75
C9-C12 Aliphatics (Unadj.)	NS	NA	NA	NA	NA	NA	<55
C9-C10 Aromatics (Unadj.)	NS	NA	NA	NA	NA	NA	<20
MADEP EPH							
C11-C22 Aromatics (Unadj.)	210	NA	NA	NA	NA	NA	<190
C9-C18 Aliphatics	4200	NA	NA	NA	NA	NA	<190
C19-C36 Aliphatics	42000	NA	NA	NA	NA	NA	<190
		Bold type indicates detectable concentrations.					
		Shaded area indicates detectable concentrations above 2L GWQS					

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #844098

Analytical Data Summary

Shallow Well: **MW14**

Client Sample ID:			143GW206	CL-143-GW-275	MW14-01C3	UST2477-MW14-02A	UST2478-MW14-02C	USTT2477-MW14	USTT2477-MW14	USTT2477-MW14
Date Sampled:			11/14/99	05/15/01	09/21/01	04/11/02	10/17/02	04/29/03	11/03/03	04/26/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
EPA 602										
1,2-Dichlorobenzene	620	72500	<1	NA	NA	NA	NA	NA	<1	<1
1,3-Dichlorobenzene	620	61500	<1	NA	NA	NA	NA	NA	<1	<1
1,4-Dichlorobenzene	75	39500	<1	NA	NA	NA	NA	NA	<1	<1
EPA 602										
Benzene	1	5000	**1.9**	<1	**1.4**	<1	<1	<1	<1	<1
Chlorobenzene	NS	NS	<1	NA	NA	NA	NA	NA	<1	<1
Methyl tert-butyl ether	200	200000	**44.2**	**3.5 J**	<10	**2.1**	<1	<1	**0.82 J**	<1
Ethylbenzene	29	29000	<1	**1.6**	**3.8**	<1	<1	<1	<1	<1
Xylenes (total)	530	87500	<3	<1	<2	<3	<3	<3	<3	<3
Toluene	1000	257500	<1	**0.41 JB**	<1	<1	<1	<1	<1	<1
Total BTEX			**1.9**	**2.01**	**5.2**					
EPA 610										
Naphthalene	21	15500	NA	<2	<2	<5.5	<5.2	<5.1	<5.1	<5.6
Acenaphthene	80	2120	NA	<1	<1	<5.5	<5.2	<5.1	<5.1	<5.6
Acenaphthylene	210	1965	NA	<1	<1	<5.5	<5.2	<5.1	<5.1	<5.6
Benzo(a)anthracene	0.05	22	NA	<0.1	<0.1	<5.5	<5.2	<5.1	<5.1	<5.6
Pyrene	210	210	NA	<0.1	<0.25	<5.5	<5.2	<5.1	<5.1	<5.6
Fluorene	280	950	NA	<2	<2	<5.5	<5.2	<5.1	<5.1	<5.6
Anthracene	2100	2100	NA	<1	<1	<5.5	<5.2	<5.1	<5.1	<5.6
Fluoranthene	280	280	NA	<0.2	<0.25	<5.5	<5.2	<5.1	<5.1	<5.6
Phenanthrene	210	410	NA	<1	<1	<5.5	<5.2	<5.1	<5.1	<5.6
			Bold type indicates detectable concentrations.							
			Shaded area indicates detectable concentrations above 2L GWQS							

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW01**

Client Sample ID:			2478-MW01
Date Sampled:			10/22/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**
EPA 602			
1,2-Dichlorobenzene	620	72500	NA
1,3-Dichlorobenzene	620	61500	NA
1,4-Dichlorobenzene	75	39500	NA
EPA 602			
Benzene	1	5000	**4.5**
Chlorobenzene	NS	NS	NA
Methyl tert-butyl ether	200	200000	<1.0
Ethylbenzene	29	29000	**3.8**
Xylenes (total)	530	87500	**6.2**
Toluene	1000	257500	**0.58 J**
Total BTEX			**15.08**
EPA 610			
Naphthalene	21	15500	**1.4 J**
Acenaphthene	80	2120	<4.8
Acenaphthylene	210	1965	<4.8
Benzo(a)anthracene	0.05	22	<4.8
Pyrene	210	210	<4.8
Fluorene	280	950	<4.8
Anthracene	2100	2100	<4.8
Fluoranthene	280	280	<4.8
Phenanthrene	210	410	<4.8
MADEP VPH			
C5-C8 Aliphatics (Unadj.)	420	NS	**88**
C9-C12 Aliphatics (Unadj.)	NS	NS	**40.4 J**
C9-C10 Aromatics (Unadj.)	NS	NS	**43.7**
MADEP EPH			
C11-C22 Aromatics (Unadj.)	210	NS	**241**
C9-C18 Aliphatics	4200	NS	**809**
C19-C36 Aliphatics	42000	NS	**385**
Bold type indicates detectable concentrations.			
Shaded area indicates detectable concentrations above 2L GWQS			

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW03**

Client Sample ID:			2478-MW03
Date Sampled:			10/22/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**
EPA 602			
1,2-Dichlorobenzene	620	72500	NA
1,3-Dichlorobenzene	620	61500	NA
1,4-Dichlorobenzene	75	39500	NA
EPA 602			
Benzene	1	5000	<1.0
Chlorobenzene	NS	NS	NA
Methyl tert-butyl ether	200	200000	**3.5**
Ethylbenzene	29	29000	<1.0
Xylenes (total)	530	87500	<3.0
Toluene	1000	257500	<1.0
Total BTEX			**0**
EPA 610			
Naphthalene	21	15500	<4.8
Acenaphthene	80	2120	<4.8
Acenaphthylene	210	1965	<4.8
Benzo(a)anthracene	0.05	22	<4.8
Pyrene	210	210	<4.8
Fluorene	280	950	<4.8
Anthracene	2100	2100	<4.8
Fluoranthene	280	280	<4.8
Phenanthrene	210	410	<4.8
MADEP VPH			
C5-C8 Aliphatics (Unadj.)	420	NS	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	<55
C9-C10 Aromatics (Unadj.)	NS	NS	<20
MADEP EPH			
C11-C22 Aromatics (Unadj.)	210	NS	**204**
C9-C18 Aliphatics	4200	NS	**359**
C19-C36 Aliphatics	42000	NS	**362**
Bold type indicates detectable concentrations.			
Shaded area indicates detectable concentrations above 2L GWQS			

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2478-MW14D**

Client Sample ID:			2478-MW14D
Date Sampled:			10/12/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**
EPA 602			
1,2-Dichlorobenzene	620	72500	NA
1,3-Dichlorobenzene	620	61500	NA
1,4-Dichlorobenzene	75	39500	NA
EPA 602			
Benzene	1	5000	<1.0
Chlorobenzene	NS	NS	NA
Methyl tert-butyl ether	200	200000	**0.80 J**
Ethylbenzene	29	29000	<1.0
Xylenes (total)	530	87500	<3.0
Toluene	1000	257500	<1.0
Total BTEX			**0**
EPA 610			
Naphthalene	21	15500	<4.8
Acenaphthene	80	2120	<4.8
Acenaphthylene	210	1965	<4.8
Benzo(a)anthracene	0.05	22	<4.8
Pyrene	210	210	<4.8
Fluorene	280	950	<4.8
Anthracene	2100	2100	<4.8
Fluoranthene	280	280	<4.8
Phenanthrene	210	410	<4.8
MADEP VPH			
C5-C8 Aliphatics (Unadj.)	420	NS	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	<55
C9-C10 Aromatics (Unadj.)	NS	NS	<20
MADEP EPH			
C11-C22 Aromatics (Unadj.)	210	NS	<190
C9-C18 Aliphatics	4200	NS	<190
C19-C36 Aliphatics	42000	NS	<190
Bold type indicates detectable concentrations.			
Shaded area indicates detectable concentrations above 2L GWQS			

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary
Shallow Well: **2478-MW17D**

Client Sample ID:			2478-MW17D
Date Sampled:			10/12/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**
EPA 602			
1,2-Dichlorobenzene	620	72500	NA
1,3-Dichlorobenzene	620	61500	NA
1,4-Dichlorobenzene	75	39500	NA
EPA 602			
Benzene	1	5000	<1.0
Chlorobenzene	NS	NS	NA
Methyl tert-butyl ether	200	200000	<1.0
Ethylbenzene	29	29000	<1.0
Xylenes (total)	530	87500	<3.0
Toluene	1000	257500	<1.0
Total BTEX			0
EPA 610			
Naphthalene	21	15500	<4.8
Acenaphthene	80	2120	<4.8
Acenaphthylene	210	1965	<4.8
Benzo(a)anthracene	0.05	22	<4.8
Pyrene	210	210	<4.8
Fluorene	280	950	<4.8
Anthracene	2100	2100	<4.8
Fluoranthene	280	280	<4.8
Phenanthrene	210	410	<4.8
MADEP VPH			
C5-C8 Aliphatics (Unadj.)	420	NS	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	<55
C9-C10 Aromatics (Unadj.)	NS	NS	<20
MADEP EPH			
C11-C22 Aromatics (Unadj.)	210	NS	<190
C9-C18 Aliphatics	4200	NS	<190
C19-C36 Aliphatics	42000	NS	<190
Bold type indicates detectable concentrations.			
Shaded area indicates detectable concentrations above 2L GWQS			

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2477-MW02**

Client Sample ID:			2477-MW02
Date Sampled:			10/29/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**
EPA 602			
1,2-Dichlorobenzene	620	72500	NA
1,3-Dichlorobenzene	620	61500	NA
1,4-Dichlorobenzene	75	39500	NA
EPA 602			
Benzene	1	5000	<1.0
Chlorobenzene	NS	NS	NA
Methyl tert-butyl ether	200	200000	<1.0
Ethylbenzene	29	29000	**0.81 J**
Xylenes (total)	530	87500	**1.6 J**
Toluene	1000	257500	<1.0
Total BTEX			**2.41**
EPA 610			
Naphthalene	21	15500	**3.7 J**
Acenaphthene	80	2120	**1.8 J**
Acenaphthylene	210	1965	<4.8
Benzo(a)anthracene	0.05	22	<4.8
Pyrene	210	210	<4.8
Fluorene	280	950	3.9 J
Anthracene	2100	2100	<4.8
Fluoranthene	280	280	<4.8
Phenanthrene	210	410	3.8 J
MADEP VPH			
C5-C8 Aliphatics (Unadj.)	420	NS	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	**457**
C9-C10 Aromatics (Unadj.)	NS	NS	**367**
MADEP EPH			
C11-C22 Aromatics (Unadj.)	210	NS	**1930**
C9-C18 Aliphatics	4200	NS	**4880**
C19-C36 Aliphatics	42000	NS	**1080**
Bold type indicates detectable concentrations.			
Shaded area indicates detectable concentrations above 2L GWQS			

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary
Shallow Well: **2477-MW03**

Client Sample ID:			2477-MW03
Date Sampled:			10/26/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**
EPA 602			
1,2-Dichlorobenzene	620	72500	NA
1,3-Dichlorobenzene	620	61500	NA
1,4-Dichlorobenzene	75	39500	NA
EPA 602			
Benzene	1	5000	<1.0
Chlorobenzene	NS	NS	NA
Methyl tert-butyl ether	200	200000	<1.0
Ethylbenzene	29	29000	<1.0
Xylenes (total)	530	87500	<3.0
Toluene	1000	257500	<1.0
Total BTEX			**0**
EPA 610			
Naphthalene	21	15500	<4.8
Acenaphthene	80	2120	<4.8
Acenaphthylene	210	1965	<4.8
Benzo(a)anthracene	0.05	22	<4.8
Pyrene	210	210	<4.8
Fluorene	280	950	<4.8
Anthracene	2100	2100	<4.8
Fluoranthene	280	280	<4.8
Phenanthrene	210	410	<4.8
MADEP VPH			
C5-C8 Aliphatics (Unadj.)	420	NS	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	<55
C9-C10 Aromatics (Unadj.)	NS	NS	<20
MADEP EPH			
C11-C22 Aromatics (Unadj.)	210	NS	<190
C9-C18 Aliphatics	4200	NS	<190
C19-C36 Aliphatics	42000	NS	<190
Bold type indicates detectable concentrations.			
Shaded area indicates detectable concentrations above 2L GWQS			

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2477-MW04**

Client Sample ID:			2477-MW04
Date Sampled:			10/26/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**
EPA 602			
1,2-Dichlorobenzene	620	72500	NA
1,3-Dichlorobenzene	620	61500	NA
1,4-Dichlorobenzene	75	39500	NA
EPA 602			
Benzene	1	5000	<1.0
Chlorobenzene	NS	NS	NA
Methyl tert-butyl ether	200	200000	<1.0
Ethylbenzene	29	29000	<1.0
Xylenes (total)	530	87500	<3.0
Toluene	1000	257500	<1.0
Total BTEX			**0**
EPA 610			
Naphthalene	21	15500	<4.8
Acenaphthene	80	2120	<4.8
Acenaphthylene	210	1965	<4.8
Benzo(a)anthracene	0.05	22	<4.8
Pyrene	210	210	<4.8
Fluorene	280	950	<4.8
Anthracene	2100	2100	<4.8
Fluoranthene	280	280	<4.8
Phenanthrene	210	410	<4.8
MADEP VPH			
C5-C8 Aliphatics (Unadj.)	420	NS	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	<55
C9-C10 Aromatics (Unadj.)	NS	NS	<20
MADEP EPH			
C11-C22 Aromatics (Unadj.)	210	NS	<190
C9-C18 Aliphatics	4200	NS	<190
C19-C36 Aliphatics	42000	NS	<190
Bold type indicates detectable concentrations.			
Shaded area indicates detectable concentrations above 2L GWQS			

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2477-MW08**

Client Sample ID:			2477-MW08
Date Sampled:			10/20/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**
EPA 602			
1,2-Dichlorobenzene	620	72500	NA
1,3-Dichlorobenzene	620	61500	NA
1,4-Dichlorobenzene	75	39500	NA
EPA 602			
Benzene	1	5000	<1.0
Chlorobenzene	NS	NS	NA
Methyl tert-butyl ether	200	200000	<1.0
Ethylbenzene	29	29000	<1.0
Xylenes (total)	530	87500	<3.0
Toluene	1000	257500	<1.0
Total BTEX			**0**
EPA 610			
Naphthalene	21	15500	<5.0
Acenaphthene	80	2120	<5.0
Acenaphthylene	210	1965	<5.0
Benzo(a)anthracene	0.05	22	<5.0
Pyrene	210	210	<5.0
Fluorene	280	950	<5.0
Anthracene	2100	2100	<5.0
Fluoranthene	280	280	<5.0
Phenanthrene	210	410	<5.0
MADEP VPH			
C5-C8 Aliphatics (Unadj.)	420	NS	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	<55
C9-C10 Aromatics (Unadj.)	NS	NS	<20
MADEP EPH			
C11-C22 Aromatics (Unadj.)	210	NS	<190
C9-C18 Aliphatics	4200	NS	<190
C19-C36 Aliphatics	42000	NS	<190
Bold type indicates detectable concentrations.			
Shaded area indicates detectable concentrations above 2L GWQS			

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

CLJ - POL 2477/78
Project #824603

Analytical Data Summary

Shallow Well: **2477-MW09**

Client Sample ID:			2477-MW09
Date Sampled:			10/14/04
Analyte (ug/l)	**2L GWQS**	**GCL**	**Result**
EPA 602			
1,2-Dichlorobenzene	620	72500	NA
1,3-Dichlorobenzene	620	61500	NA
1,4-Dichlorobenzene	75	39500	NA
EPA 602			
Benzene	1	5000	<1.0
Chlorobenzene	NS	NS	NA
Methyl tert-butyl ether	200	200000	<1.0
Ethylbenzene	29	29000	<1.0
Xylenes (total)	530	87500	<3.0
Toluene	1000	257500	<1.0
Total BTEX			**0**
EPA 610			
Naphthalene	21	15500	<4.8
Acenaphthene	80	2120	<4.8
Acenaphthylene	210	1965	<4.8
Benzo(a)anthracene	0.05	22	<4.8
Pyrene	210	210	<4.8
Fluorene	280	950	<4.8
Anthracene	2100	2100	<4.8
Fluoranthene	280	280	<4.8
Phenanthrene	210	410	<4.8
MADEP VPH			
C5-C8 Aliphatics (Unadj.)	420	NS	<75
C9-C12 Aliphatics (Unadj.)	NS	NS	<55
C9-C10 Aromatics (Unadj.)	NS	NS	<20
MADEP EPH			
C11-C22 Aromatics (Unadj.)	210	NS	<190
C9-C18 Aliphatics	4200	NS	<190
C19-C36 Aliphatics	42000	NS	<190
Bold type indicates detectable concentrations.			
Shaded area indicates detectable concentrations above 2L GWQS			

J= estimated
P= >25% difference between column quantitation
B= detected in blank
NA= not analyzed

Printed: 3/16/2005
Samples analyzed by Compuchem, STL, or Accutest

APPENDIX B

LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION FROM 2007 SAMPLING EVENT

Mr. Chris Murray
Sovereign Consulting
405 Oakmears Crescent
Suite 1
Virginia Beach VA 23462
Report Number: G650-124

Client Project: NV019

Dear Mr. Murray:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS Environmental Services for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS Environmental Services, Inc.

for Laboratory Director 12/13/07 Date
R. Kendall ~~Sutler~~

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Volatiles

by GC 602

Client Sample ID: USTTT2477-MW10
Client Project ID: NV019
Lab Sample ID: G650-124-1C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 7:55
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/4/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/4/07	
Ethylbenzene	BQL	1.00	0.181	1	12/4/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/4/07	
Toluene	BQL	1.00	0.157	1	12/4/07	
m/p-Xylene	BQL	2.00	0.481	1	12/4/07	
o-Xylene	BQL	2.00	0.584	1	12/4/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.7	99.2

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____

GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2477-MW11
Client Project ID: NV019
Lab Sample ID: G650-124-2C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 8:04
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/4/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/4/07	
Ethylbenzene	BQL	1.00	0.181	1	12/4/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/4/07	
Toluene	BQL	1.00	0.157	1	12/4/07	
m/p-Xylene	BQL	2.00	0.481	1	12/4/07	
o-Xylene	BQL	2.00	0.584	1	12/4/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.9	99.8

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WAXLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2477-Trip Blank
Client Project ID: NV019
Lab Sample ID: G650-124-3D
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 8:50
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/4/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/4/07	
Ethylbenzene	BQL	1.00	0.181	1	12/4/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/4/07	
Toluene	BQL	1.00	0.157	1	12/4/07	
m/p-Xylene	BQL	2.00	0.481	1	12/4/07	
o-Xylene	BQL	2.00	0.584	1	12/4/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.9	99.7

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2477-MW02
Client Project ID: NV019
Lab Sample ID: G650-124-4C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 9:14
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/4/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/4/07	
Ethylbenzene	BQL	1.00	0.181	1	12/4/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/4/07	
Toluene	BQL	1.00	0.157	1	12/4/07	
m/p-Xylene	BQL	2.00	0.481	1	12/4/07	
o-Xylene	BQL	2.00	0.584	1	12/4/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.2	101

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By:
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2477-MW01
Client Project ID: NV019
Lab Sample ID: G650-124-5C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 9:19
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	**1.00**	1.00	0.181	1	12/5/07	J
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	**0.516**	1.00	0.157	1	12/5/07	J
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.4	101

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By:

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MW14
Client Project ID: NV019
Lab Sample ID: G650-124-6C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 10:14
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.3	101

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By:

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MW14D
Client Project ID: NV019
Lab Sample ID: G650-124-7C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 10:50
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.0	100

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MW06
Client Project ID: NV019
Lab Sample ID: G650-124-8C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 11:40
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.7	99.2

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By:

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MW15
Client Project ID: NV019
Lab Sample ID: G650-124-9C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 11:44
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.5	98.7

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MW10
Client Project ID: NV019
Lab Sample ID: G650-124-10C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 14:04
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.7	102

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MW09
Client Project ID: NV019
Lab Sample ID: G650-124-11C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 13:46
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.6	102

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-Duplicate
Client Project ID: NV019
Lab Sample ID: G650-124-12C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 0:00
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.7	99.3

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By:

Results for Volatiles

by GC 602

Client Sample ID: USTTT2477-MW0B10
Client Project ID: NV019
Lab Sample ID: G650-124-13C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 15:20
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	**122**	5.00	0.915	5	12/4/07	
Diisopropyl ether (DIPE)	BQL	5.00	1.15	5	12/4/07	
Ethylbenzene	**146**	5.00	0.905	5	12/4/07	
Methyl-tert butyl ether (MTBE)	BQL	10.0	1.8	5	12/4/07	
Toluene	**4.47**	5.00	0.785	5	12/4/07	J
m/p-Xylene	**57.0**	10.0	2.41	5	12/4/07	
o-Xylene	BQL	10.0	2.92	5	12/4/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.7	102

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____

Results for Volatiles

by GC 602

Client Sample ID: USTTT2477-MW0B01
Client Project ID: NV019
Lab Sample ID: G650-124-14C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/28/07 15:22
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	40.0	7.32	40	12/4/07	
Diisopropyl ether (DIPE)	BQL	40.0	9.16	40	12/4/07	
Ethylbenzene	**560**	40.0	7.24	40	12/4/07	
Methyl-tert butyl ether (MTBE)	BQL	80.0	14.4	40	12/4/07	
Toluene	**631**	40.0	6.28	40	12/4/07	
m/p-Xylene	**1640**	80.0	19.2	40	12/4/07	
o-Xylene	**138**	80.0	23.4	40	12/4/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.9	99.7

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MW24
Client Project ID: NV019
Lab Sample ID: G650-124-15C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 7:39
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.2	101

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MWSS100
Client Project ID: NV019
Lab Sample ID: G650-124-16E
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 7:40
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.6	98.9

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MW23
Client Project ID: NV019
Lab Sample ID: G650-124-17E
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 8:39
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.9	99.7

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MWPVC101
Client Project ID: NV019
Lab Sample ID: G650-124-18C
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 8:38
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	**552**	40.0	7.32	40	12/5/07	
Diisopropyl ether (DIPE)	BQL	40.0	9.16	40	12/5/07	
Ethylbenzene	**1770**	40.0	7.24	40	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	80.0	14.4	40	12/5/07	
Toluene	**11.7**	40.0	6.28	40	12/5/07	J
m/p-Xylene	**343**	80.0	19.2	40	12/5/07	
o-Xylene	BQL	80.0	23.4	40	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.2	98

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By:

Results for Volatiles

by GC 602

Client Sample ID: USTTT2477-MW14
Client Project ID: NV019
Lab Sample ID: G650-124-19E
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 9:49
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.2	98

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____

Results for Volatiles

by GC 602

Client Sample ID: USTTT2477-MW13
Client Project ID: NV019
Lab Sample ID: G650-124-20E
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 9:46
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.0	97.6

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: 
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MW17
Client Project ID: NV019
Lab Sample ID: G650-124-21E
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 10:39
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	**5.68**	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.8	99.4

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2477-MW09
Client Project ID: NV019
Lab Sample ID: G650-124-22E
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 10:38
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.0	99.9

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MW19
Client Project ID: NV019
Lab Sample ID: G650-124-23E
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 11:32
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	41.8	105

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MW18
Client Project ID: NV019
Lab Sample ID: G650-124-24D
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 11:30
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/7/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/7/07	
Ethylbenzene	BQL	1.00	0.181	1	12/7/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/7/07	
Toluene	BQL	1.00	0.157	1	12/7/07	
m/p-Xylene	BQL	2.00	0.481	1	12/7/07	
o-Xylene	BQL	2.00	0.584	1	12/7/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	45.5	114

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____

Results for Volatiles

by GC 602

Client Sample ID: USTTT2477-MW07
Client Project ID: NV019
Lab Sample ID: G650-124-25D
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 12:45
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/7/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/7/07	
Ethylbenzene	BQL	1.00	0.181	1	12/7/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/7/07	
Toluene	BQL	1.00	0.157	1	12/7/07	
m/p-Xylene	BQL	2.00	0.481	1	12/7/07	
o-Xylene	BQL	2.00	0.584	1	12/7/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.6	102

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: USTTT2477-MW05
Client Project ID: NV019
Lab Sample ID: G650-124-26D
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 14:03
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/7/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/7/07	
Ethylbenzene	BQL	1.00	0.181	1	12/7/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/7/07	
Toluene	BQL	1.00	0.157	1	12/7/07	
m/p-Xylene	BQL	2.00	0.481	1	12/7/07	
o-Xylene	BQL	2.00	0.584	1	12/7/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.5	101

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By:

Results for Volatiles

by GC 602

Client Sample ID: USTTT2478-MW13
Client Project ID: NV019
Lab Sample ID: G650-124-27D
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 14:01
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/7/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/7/07	
Ethylbenzene	BQL	1.00	0.181	1	12/7/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/7/07	
Toluene	BQL	1.00	0.157	1	12/7/07	
m/p-Xylene	BQL	2.00	0.481	1	12/7/07	
o-Xylene	BQL	2.00	0.584	1	12/7/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.5	101

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By:

Results for Volatiles

by GC 602

Client Sample ID: USTTT2477-MW06
Client Project ID: NV019
Lab Sample ID: G650-124-28D
Lab Project ID: G650-124

Analyzed By: RSB
Date Collected: 11/29/07 16:05
Date Received: 11/30/07
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/7/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/7/07	
Ethylbenzene	BQL	1.00	0.181	1	12/7/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/7/07	
Toluene	BQL	1.00	0.157	1	12/7/07	
m/p-Xylene	BQL	2.00	0.481	1	12/7/07	
o-Xylene	BQL	2.00	0.584	1	12/7/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.6	101

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By:

Results for Volatiles

by GC 602

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK5120407A
Lab Project ID:

Analyzed By: RSB
Date Collected:
Date Received:
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/4/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/4/07	
Ethylbenzene	BQL	1.00	0.181	1	12/4/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/4/07	
Toluene	BQL	1.00	0.157	1	12/4/07	
m/p-Xylene	BQL	2.00	0.481	1	12/4/07	
o-Xylene	BQL	2.00	0.584	1	12/4/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.1	100

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK5120407B
Lab Project ID:

Analyzed By: RSB
Date Collected:
Date Received:
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.5	98.7

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By:

Results for Volatiles

by GC 602

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK5120507A
Lab Project ID:

Analyzed By: RSB
Date Collected:
Date Received:
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/5/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/5/07	
Ethylbenzene	BQL	1.00	0.181	1	12/5/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/5/07	
Toluene	BQL	1.00	0.157	1	12/5/07	
m/p-Xylene	BQL	2.00	0.481	1	12/5/07	
o-Xylene	BQL	2.00	0.584	1	12/5/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	39.5	98.7

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Results for Volatiles

by GC 602

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK3120607B
Lab Project ID:

Analyzed By: RSB
Date Collected:
Date Received:
Matrix: Water

Analyte	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flags
Benzene	BQL	1.00	0.183	1	12/7/07	
Diisopropyl ether (DIPE)	BQL	1.00	0.229	1	12/7/07	
Ethylbenzene	BQL	1.00	0.181	1	12/7/07	
Methyl-tert butyl ether (MTBE)	BQL	2.00	0.359	1	12/7/07	
Toluene	BQL	1.00	0.157	1	12/7/07	
m/p-Xylene	BQL	2.00	0.481	1	12/7/07	
o-Xylene	BQL	2.00	0.584	1	12/7/07	

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovery
Trifluorotoluene	40	40.6	101

Comments:
All values corrected for dilution.
BQL = Below quantitation limit.

Reviewed By: _____
GC-VOA_WA.XLS

Summary Results for QC Check

Method : 601

Filename : 3120607/025f

		SA	Resul	Rec		QC Limits	
	Compound	ug/L	ug/L	(%)	F	Lower	Upper
	Bromodichloromethane	20.0	20.8	104.0		76.0	124.0
	Bromoform	20.0	21.1	105.6		73.5	126.5
	Bromomethane	20.0	23.3	116.7		58.5	141.5
	Carbon tetrachloride	40.0	39.1	97.8		68.5	131.5
	Chlorobenzene	20.0	20.5	102.5		72.0	128.0
	Chloroethane	20.0	21.3	106.6		77.0	123.0
	Chloroform	20.0	19.9	99.7		75.0	125.0
	Chloromethane	20.0	19.7	98.5		59.5	140.5
	Dibromochloromethane	20.0	21.0	104.9		65.5	134.5
•	1,2-Dibromoethane	20.0	21.5	107.7		13.6	186.4
	1,2-Dichlorobenzene	20.0	20.1	100.7		70.0	130.0
	1,3-Dichlorobenzene	20.0	20.1	100.6		49.5	150.5
	1,4-Dichlorobenzene	20.0	20.2	100.9		69.5	130.5
	1,1-Dichloroethane	20.0	20.2	101.2		84.0	116.0
	1,2-Dichloroethane	20.0	19.7	98.4		71.5	128.5
	1,1-Dichloroethene	20.0	28.3	141.4	+	63.0	137.0
•	cis-1,2-Dichloroethene	40.0	40.0	100.0		34.4	180.6
	trans-1,2-Dichloroethene	20.0	20.3	101.6		64.0	136.0
	1,2-Dichloropropane	20.0	19.9	99.5		74.0	126.0
	cis-1,3-Dichloropropene	20.0	20.1	100.7		64.0	136.0
	trans-1,3-Dichloropropene	20.0	20.0	100.2		64.0	136.0
	Methylene Chloride	20.0	20.1	100.5		77.5	122.5
	1,1,2,2-Tertrachloroethane	20.0	20.6	103.1		49.0	151.0
	Tetrachloroethene	40.0	39.5	98.7		70.0	130.0
	1,1,1-Trichloroethane	20.0	20.1	100.5		71.0	129.0
	1,1,2-Trichloroethane	20.0	19.7	98.6		78.5	121.5
	Trichloroethene	20.0	20.1	100.4		77.0	123.0
	Trichlorofluromethane	20.0	23.0	115.0		66.5	133.5
	Vinyl Chloride	20.0	22.3	111.7		68.5	131.5

Method: 602

Filename : 3120607/025r

		SA	Resul	Rec		QC Limits	
	Compound	ug/L	ug/L	(%)		Lower	Upper
	Benzene	20.0	22.4	112.1		77.0	123.0
	Chlorobenzene	20.0	22.2	111.2		80.5	119.5
	1,2-Dichlorobenzene	20.0	22.6	112.8		68.0	132.0
	1,3-Dichlorobenzene	40.0	44.4	110.9		72.5	127.5
	1,4-Dichlorobenzene	20.0	22.5	112.4		69.5	130.5
•	Diisopropyl ether	20.0	21.8	109.2		43.1	156.9
	Ethylbenzene	20.0	22.8	113.9		63.0	137.0
•	MTBE	40.0	44.3	110.8		46.8	153.2
	Toluene	20.0	22.5	112.4		77.5	127.0
•	m,p-Xylene	40.0	45.2	113.0		11.2	188.8
•	o-Xylene	40.0	44.7	111.8		47.6	152.4

Flags :

+ = out of QC limits.
• = lab generated limits.
D = Detected
SA = Spiked Amount

Summary Results for Labortory Control Spike

Method : 601

Filename : 3120607/026f

	Compound	SA ug/L	Result ug/L	Rec (%)	F	LCS Limits Lower	Upper
	Bromodichloromethane	10.0	12.3	123.2		42	172
	Bromoform	10.0	12.1	121.2		13	159
	Bromomethane	10.0	12.9	129.1		0	144
	Carbon tetrachloride	20.0	24.3	121.5		43	143
	Chlorobenzene	10.0	12.3	123.1		38	150
	Chloroethane	10.0	12.5	125.0		46	137
	Chloroform	10.0	12.3	123.0		49	133
	Chloromethane	10.0	11.1	111.0		0	193
	Dibromochloromethane	10.0	12.4	124.4		24	191
•	1,2-Dibromoethane	10.0	12.7	127.0		0	206
	1,2-Dichlorobenzene	10.0	12.4	124.5		0	208
	1,3-Dichlorobenzene	10.0	12.4	124.4		7	187
	1,4-Dichlorobenzene	10.0	12.6	126.5		42	143
	1,1-Dichloroethane	10.0	12.5	124.8		47	132
	1,2-Dichloroethane	10.0	12.2	121.9		51	147
	1,1-Dichloroethene	10.0	18.0	180.0	+	28	167
•	cis-1,2-Dichloroethene	20.0	24.7	123.3		19	181
	trans-1,2-Dichloroethene	10.0	12.7	127.0		38	155
	1,2-Dichloropropane	10.0	12.5	124.8		44	156
	cis-1,3-Dichloropropene	10.0	12.0	120.0		22	178
	trans-1,3-Dichloropropene	10.0	11.9	119.5		22	178
	Methylene Chloride	10.0	12.4	123.5		25	162
	1,1,2,2-Tertrachloroethane	10.0	12.3	123.5		8	184
	Tetrachloroethane	10.0	12.3	122.8		26	162
	1,1,1-Trichloroethane	10.0	12.4	124.0		41	138
	1,1,2-Trichloroethane	10.0	12.1	120.6		39	136
	Trichloroethene	10.0	12.3	123.3		35	146
	Trichlorofluromethane	10.0	13.8	138.3		21	156
	Vinyl Chloride	10.0	13.1	130.7		28	163

Method: 602

Filename : 3120607/026r

	Compound	SA ug/L	Result ug/L	Rec (%)	LCS Limits Lower	Upper
	Benzene	10.0	12.5	124.6	39	150
	Chlorobenzene	10.0	12.4	123.7	55	135
	1,2-Dichlorobenzene	10.0	12.7	126.8	37	154
	1,3-Dichlorobenzene	20.0	24.8	123.8	50	141
	1,4-Dichlorobenzene	10.0	12.4	124.0	42	143
•	Diisopropyl ether	10.0	11.9	118.9	30	170
	Ethylbenzene	10.0	12.7	127.2	32	160
•	MTBE	20.0	24.5	122.6	35	165
	Toluene	10.0	12.5	124.8	46	148
•	m,p-Xylene	20.0	25.3	126.5	0	239
•	o-Xylene	20.0	25.1	125.5	36	164

Flags :

+ = out of QC limits.
• = lab generated limits.
D = Detected
SA = Spiked Amount

Summary Results for MS-MSD

Method : 601

Sample : 3120607/038F::3120607/038R
MS : 3120607/040F::3120607/040R
MSD : 3120607/041F::3120607/041R

		µg/L			REC(%)		REC Limits	
Compound	SA	Sam.	MS	MSD	MS	MSD	Lower	Upper
Bromodichloromethane	10.0	ND	11.7	11.0	117	110	42	172
Bromoform	10.0	ND	11.3	10.7	113	107	13	159
Bromomethane	10.0	ND	11.7	12.5	114	122	D	144
Carbon tetrachloride	20.0	ND	23.1	22.2	116	111	43	143
Chlorobenzene	10.0	ND	11.6	10.9	116	109	38	150
Chloroethane	10.0	ND	11.5	12.0	115	120	46	137
Chloroform	10.0	ND	11.6	11.1	127	122	49	133
Chloromethane	10.0	ND	11.0	11.2	108	111	D	193
Dibromochloromethane	10.0	ND	11.7	11.0	117	110	24	191
• 1,2-Dibromoethane	10.0	ND	12.5	11.7	125	117	D	206
1,2-Dichlorobenzene	10.0	ND	11.5	11.0	115	110	D	208
1,3-Dichlorobenzene	10.0	ND	11.5	10.9	115	109	7	187
1,4-Dichlorobenzene	10.0	ND	11.6	11.1	116	111	42	143
1,1-Dichloroethane	10.0	ND	11.8	11.2	118	112	47	132
1,2-Dichloroethane	20.0	ND	11.4	10.9	57	54	51	147
1,1-Dichloroethene	10.0	ND	13.6	15.8	144	166	28	167
• cis-1,2-Dichloroethene	20.0	ND	24.0	23.0	117	112	19	181
trans-1,2-Dichloroethene	10.0	ND	11.8	11.3	118	113	38	155
1,2-Dichloropropane	10.0	ND	11.9	11.5	121	117	44	156
cis-1,3-Dichloropropene	10.0	ND	11.1	10.5	111	105	22	178
trans-1,3-Dichloropropene	10.0	ND	11.0	10.5	114	108	22	178
Methylene Chloride	10.0	ND	11.5	11.1	122	119	25	162
1,1,2,2-Tertrachloroethane	20.0	ND	11.5	11.0	58	55	8	184
Tetrachloroethane	20.0	ND	22.9	21.8	125	120	26	162
1,1,1-Trichloroethane	10.0	ND	11.7	11.2	127	121	41	138
1,1,2-Trichloroethane	10.0	ND	11.4	10.8	114	108	39	136
Trichloroethene	10.0	7.22	17.8	17.5	105	103	35	146
Trichlorofluromethane	10.0	ND	12.9	13.4	129	134	21	156
Vinyl Chloride	10.0	ND	12.4	13.0	127	133	28	163

Method: 602

		µg/L			P(%)		P Limits	
Compound	SA	Sam.	MS	MSD	MS	MSD	Lower	Upper
Benzene	10.0	ND	11.6	10.8	116	108	39	150
Chlorobenzene	10.0	ND	11.5	10.6	121	112	55	135
1,2-Dichlorobenzene	10.0	ND	11.3	10.6	113	106	37	154
1,3-Dichlorobenzene	10.0	ND	22.5	20.9	225 +	209 +	50	141
1,4-Dichlorobenzene	20.0	ND	11.2	10.5	56	52	42	143
• Diisopropyl ether	10.0	ND	11.1	10.4	111	104	30	170
Ethylbenzene	10.0	ND	11.8	10.9	118	109	32	160
• MTBE	20.0	ND	22.8	21.3	114	106	35	165
Toluene	10.0	ND	11.7	10.8	121	113	46	148
• m,p-Xylene	20.0	ND	23.4	21.7	117	108	D	239
• o-Xylene	20.0	ND	23.2	21.5	116	108	36	164

Flags :

+ = out of QC limits.
• = lab generated limits.
D = Detected
ND = None Detected
SA = Spike Added

Summary Results for QC Check

Method: 602

Filename : 5120507/002f

	Compound	SA ug/L	Result ug/L	Rec (%)	QC Limits Lower	QC Limits Upper
	Benzene	20.0	19.6	97.9	77.0	123.0
	Chlorobenzene	20.0	18.9	94.4	80.5	119.5
	1,2-Dichlorobenzene	20.0	17.3	86.6	68.0	132.0
	1,3-Dichlorobenzene	40.0	35.2	88.0	72.5	127.5
	1,4-Dichlorobenzene	20.0	17.5	87.5	69.5	130.5
•	Diisopropyl ether	20.0	18.3	91.4	43.1	156.9
	Ethylbenzene	20.0	18.7	93.7	63.0	137.0
•	MTBE	40.0	36.1	90.2	46.8	153.2
	Toluene	20.0	18.9	94.4	77.5	127.0
•	m,p-Xylene	40.0	37.0	92.4	11.2	188.8
•	o-Xylene	40.0	36.8	92.1	47.6	152.4

Flags :

+ = out of QC limits.
• = lab generated limits.
D = Detected
SA = Spiked Amount

Summary Results for Labortory Control Spike

Method: 602

Filename : 5120507/003f

	Compound	SA ug/L	Result ug/L	Rec (%)	LCS Limits Lower	LCS Limits Upper
	Benzene	10.0	10.0	100.1	39	150
	Chlorobenzene	10.0	9.7	96.6	55	135
	1,2-Dichlorobenzene	10.0	9.0	89.8	37	154
	1,3-Dichlorobenzene	20.0	18.0	90.2	50	141
	1,4-Dichlorobenzene	10.0	8.9	88.9	42	143
•	Diisopropyl ether	10.0	9.1	91.3	30	170
	Ethylbenzene	10.0	9.7	96.6	32	160
•	MTBE	20.0	17.7	88.3	35	165
	Toluene	10.0	9.8	98.5	46	148
•	m,p-Xylene	20.0	19.1	95.7	0	239
•	o-Xylene	20.0	18.9	94.7	36	164

Flags :

+ = out of QC limits.
• = lab generated limits.
D = Detected
SA = Spiked Amount

Summary Results for MS-MSD

Sample : 5120507/116b::5120507/016f
MS : 5120507/118b::5120507/018f
MSD : 5120507/119b::5120507/019f

			µg/L			REC(%)		REC Limits	
	Compound	SA	Sam.	MS	MSD	MS	MSD	Lower	Upper
	Benzene	10.0	7.6	10.3	9.5	103	103	39	150
	Chlorobenzene	10.0	ND	7.4	8.9	74	74	55	135
	1,2-Dichlorobenzene	10.0	1.7	14.6	17.9	146	146	37	154
	1,3-Dichlorobenzene	20.0	ND	7.3	8.9	37 +	37 +	50	141
	1,4-Dichlorobenzene	10.0	2.5	11.8	14.9	118	118	42	143
•	Diisopropyl ether	10.0	ND	9.7	9.1	97	97	30	170
	Ethylbenzene	10.0	20.7	10.5	8.3	105	105	32	160
•	MTBE	20.0	ND	20.5	17.1	103	103	35	165
	Toluene	10.0	1.7	10.3	9.8	103	103	46	148
•	m,p-Xylene	20.0	22.9	21.5	17.4	108	108	D	239
•	o-Xylene	20.0	5.2	21.4	18.3	107	107	36	164

Flags :

+ = out of QC limits.
• = lab generated limits.
D = Detected
ND = None Detected
SA= Spike Added

Summary Results for QC Check

Method: 602

Filename : 5120407/022f

		SA	Result	Rec		QC Limits	
	Compound	ug/L	ug/L	(%)		Lower	Upper
	Benzene	20.0	21.2	106.0		77.0	123.0
	Chlorobenzene	20.0	21.3	106.7		80.5	119.5
	1,2-Dichlorobenzene	20.0	21.5	107.6		68.0	132.0
	1,3-Dichlorobenzene	40.0	43.3	108.2		72.5	127.5
	1,4-Dichlorobenzene	20.0	21.6	108.0		69.5	130.5
•	Diisopropyl ether	20.0	21.1	105.3		43.1	156.9
	Ethylbenzene	20.0	21.3	106.5		63.0	137.0
•	MTBE	40.0	42.6	106.5		46.8	153.2
	Toluene	20.0	21.1	105.7		77.5	127.0
•	m,p-Xylene	40.0	43.2	108.0		11.2	188.8
•	o-Xylene	40.0	43.5	108.6		47.6	152.4

Flags :

+ = out of QC limits.
• = lab generated limits.
D = Detected
SA = Spiked Amount

Summary Results for Labortory Control Spike

Method: 602

Filename : 5120407/023f

		SA	Result	Rec	LCS Limits	
	Compound	ug/L	ug/L	(%)	Lower	Upper
	Benzene	10.0	10.5	104.7	39	150
	Chlorobenzene	10.0	10.0	100.1	55	135
	1,2-Dichlorobenzene	10.0	9.6	95.7	37	154
	1,3-Dichlorobenzene	20.0	19.4	97.1	50	141
	1,4-Dichlorobenzene	10.0	9.7	97.1	42	143
•	Diisopropyl ether	10.0	10.4	104.2	30	170
	Ethylbenzene	10.0	10.0	99.7	32	160
•	MTBE	20.0	20.3	101.5	35	165
	Toluene	10.0	10.0	100.1	46	148
•	m,p-Xylene	20.0	19.9	99.6	0	239
•	o-Xylene	20.0	19.8	99.2	36	164

Flags :

+ = out of QC limits.
• = lab generated limits.
D = Detected
SA = Spiked Amount

Summary Results for MS-MSD

Method: 602
Sample : 5120407/136b::5120407/036f
MS : 5120407/138b::5120407/038f
MSD : 5120407/139b::5120407/039f

			µg/L			REC(%)		REC Limits	
	Compound	SA	Sam.	MS	MSD	MS	MSD	Lower	Upper
	Benzene	10.0	13.8	10.9	10.7	109	107	39	150
	Chlorobenzene	10.0	ND	11.4	10.1	114	101	55	135
	1,2-Dichlorobenzene	10.0	ND	10.4	10.0	104	100	37	154
	1,3-Dichlorobenzene	20.0	ND	20.9	19.4	104	97	50	141
	1,4-Dichlorobenzene	10.0	ND	10.9	10.1	109	101	42	143
•	Diisopropyl ether	10.0	ND	10.1	10.2	101	102	30	170
	Ethylbenzene	10.0	44.2	12.8	11.4	128	114	32	160
•	MTBE	20.0	ND	21.4	20.5	107	102	35	165
	Toluene	10.0	ND	11.3	10.7	113	107	46	148
•	m,p-Xylene	20.0	8.6	22.7	21.2	114	106	D	239
•	o-Xylene	20.0	ND	21.3	19.9	106	99	36	164

Flags :

+ = out of QC limits.
• = lab generated limits.
D = Detected
ND = None Detected
SA= Spike Added

Summary Results for QC Check

Method: 602

Filename : 5120407/002f

		SA	Result	Rec		QC Limits	
	Compound	ug/L	ug/L	(%)		Lower	Upper
	Benzene	20.0	21.2	105.8		77.0	123.0
	Chlorobenzene	20.0	20.0	99.9		80.5	119.5
	1,2-Dichlorobenzene	20.0	18.3	91.4		68.0	132.0
	1,3-Dichlorobenzene	40.0	37.0	92.4		72.5	127.5
	1,4-Dichlorobenzene	20.0	18.4	92.1		69.5	130.5
•	Diisopropyl ether	20.0	19.6	98.0		43.1	156.9
	Ethylbenzene	20.0	19.8	98.9		63.0	137.0
•	MTBE	40.0	39.3	98.2		46.8	153.2
	Toluene	20.0	20.2	101.0		77.5	127.0
•	m,p-Xylene	40.0	39.0	97.4		11.2	188.8
•	o-Xylene	40.0	39.0	97.6		47.6	152.4

Flags :

+ = out of QC limits.
• = lab generated limits.
D = Detected
SA = Spiked Amount

Summary Results for Labortory Control Spike

Method: 602

Filename : 5120407/003f

		SA	Result	Rec	LCS Limits	
	Compound	ug/L	ug/L	(%)	Lower	Upper
	Benzene	10.0	10.4	104.1	39	150
	Chlorobenzene	10.0	10.0	99.6	55	135
	1,2-Dichlorobenzene	10.0	8.9	89.3	37	154
	1,3-Dichlorobenzene	20.0	18.1	90.5	50	141
	1,4-Dichlorobenzene	10.0	9.0	90.4	42	143
•	Diisopropyl ether	10.0	9.8	97.6	30	170
	Ethylbenzene	10.0	9.9	99.4	32	160
•	MTBE	20.0	19.1	95.7	35	165
	Toluene	10.0	10.0	99.7	46	148
•	m,p-Xylene	20.0	19.5	97.3	0	239
•	o-Xylene	20.0	19.3	96.4	36	164

Flags :

+ = out of QC limits.
• = lab generated limits.
D = Detected
SA = Spiked Amount

Summary Results for MS-MSD

Method : 8260

Sample : 5120407/116b::5120407/016f
MS : 5120407/118b::5120407/018f
MSD : 5120407/119b::5120407/019f

			µg/L		REC(%)		REC Limits	
Compound	SA	Sam.	MS	MSD	MS	MSD	Lower	Upper
Benzene	10.0	ND	11.3	9.8	113	98	39	150
Chlorobenzene	10.0	ND	11.1	9.7	111	97	55	135
1,2-Dichlorobenzene	10.0	ND	10.8	9.4	108	94	37	154
1,3-Dichlorobenzene	20.0	ND	22.3	19.2	112	96	50	141
1,4-Dichlorobenzene	10.0	2.3	9.1	7.5	91	75	42	143
• Diisopropyl ether	10.0	ND	11.4	9.9	114	99	30	170
Ethylbenzene	10.0	14.0	12.7	10.6	127	106	32	160
• MTBE	20.0	ND	22.7	19.9	113	99	35	165
Toluene	10.0	15.8	12.2	10.4	122	104	46	148
• m,p-Xylene	20.0	41.0	26.6	21.7	133	108	D	239
• o-Xylene	20.0	3.4	23.8	20.7	119	104	36	164

Flags :

+ = out of QC limits.
• = lab generated limits.
D = Detected
ND = None Detected
SA= Spike Added

SGS

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW10
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/11/07 03:02 - 12/11/07 03:02
Date Analyzed	12/11/07 03:02 - 12/11/07 03:02
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	BQL	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	95.8		70	130
Surrogate % Recovery - FID	99.6		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-1d	Lab Info: g650-124-1d
FID Info: VP121007/043F0101.D	PID Info: VP121007/043R0101.D

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW11
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/11/07 15:28 - 12/11/07 15:28
Date Analyzed	12/11/07 15:28 - 12/11/07 15:28
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	BQL	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	93.8		70	130
Surrogate % Recovery - FID	98.7		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-2d	Lab Info: g650-124-2d
FID Info: VP121107/017F0101.D	PID Info: VP121107/017R0101.D

Reviewed By:

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VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTT2477-MW02
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/11/07 15:55 - 12/11/07 15:55
Date Analyzed	12/11/07 15:55 - 12/11/07 15:55
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results					
Analyte	Result µg/L	Report Limit µg/L	Flags		
C_5-C_8 Aliphatics**	BQL	100			
C_9-C_{12} Aliphatics**	136	100			
C_9-C_{10} Aromatics**	126	100			
	Percent Recovery	Flags	Limits Lower	Limits Upper	
Surrogate % Recovery - PID	95.5		70	130	
Surrogate % Recovery - FID	103		70	130	

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-4d	Lab Info: g650-124-4d
FID Info: VP121107/018F0101.D	PID Info: VP121107/018R0101.D

Reviewed By:

SGS

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTT2477-MW01
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/12/07 08:21 - 12/12/07 08:21
Date Analyzed	12/12/07 08:21 - 12/12/07 08:21
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results			
Analyte	Result µg/L	Report Limit µg/L	Flags
C_5-C_8 Aliphatics**	BQL	100	
C_9-C_{12} Aliphatics**	BQL	100	
C_9-C_{10} Aromatics**	BQL	100	
	Percent Recovery	Flags	Limits Lower / Upper
Surrogate % Recovery - PID	93.9		70 / 130
Surrogate % Recovery - FID	101		70 / 130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-5f	Lab Info: g650-124-5f
FID Info: VP121207/014F0101.D	PID Info: VP121207/014R0101.D

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW14
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/11/07 16:48 - 12/11/07 16:48
Date Analyzed	12/11/07 16:48 - 12/11/07 16:48
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results			
Analyte	Result µg/L	Report Limit µg/L	Flags
C_5-C_8 Aliphatics**	BQL	100	
C_9-C_{12} Aliphatics**	BQL	100	
C_9-C_{10} Aromatics**	BQL	100	
	Percent Recovery	Flags	Limits Lower | Upper
Surrogate % Recovery - PID	93.1		70 130
Surrogate % Recovery - FID	97.9		70 130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-6d	Lab Info: g650-124-6d
FID Info: VP121107/020F0101.D	PID Info: VP121107/020R0101.D

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW14D
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/11/07 17:15 - 12/11/07 17:15
Date Analyzed	12/11/07 17:15 - 12/11/07 17:15
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results			
Analyte	Result µg/L	Report Limit µg/L	Flags
C_5-C_8 Aliphatics**	BQL	100	
C_9-C_{12} Aliphatics**	BQL	100	
C_9-C_{10} Aromatics**	BQL	100	
	Percent Recovery	Flags	Limits Lower / Upper
Surrogate % Recovery - PID	94.9		70 / 130
Surrogate % Recovery - FID	99.9		70 / 130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-7d	Lab Info: g650-124-7d
FID Info: VP121107/021F0101.D	PID Info: VP121107/021R0101.D

Reviewed By:

SGS

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW06
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/11/07 17:42 - 12/11/07 17:42
Date Analyzed	12/11/07 17:42 - 12/11/07 17:42
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	BQL	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	95.4		70	130
Surrogate % Recovery - FID	100		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-8d	Lab Info: g650-124-8d
FID Info: VP121107/022F0101.D	PID Info: VP121107/022R0101.D

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW15
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/11/07 18:08 - 12/11/07 18:08
Date Analyzed	12/11/07 18:08 - 12/11/07 18:08
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	BQL	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	90.9		70	130
Surrogate % Recovery - FID	95.9		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-9d	Lab Info: g650-124-9d
FID Info: VP121107/023F0101.D	PID Info: VP121107/023R0101.D

Reviewed By:

SGS

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTT2478-MW10
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/11/07 18:35 - 12/11/07 18:35
Date Analyzed	12/11/07 18:35 - 12/11/07 18:35
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	BQL	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	93.2		70	130
Surrogate % Recovery - FID	98.1		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-10d	Lab Info: g650-124-10d
FID Info: VP211107/024F0101.D	PID Info: VP211107/024R0101.D

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	US1T1247 8-MW09
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/11/07 19:02 - 12/11/07 19:02
Date Analyzed	12/11/07 19:02 - 12/11/07 19:02
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	BQL	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	95.9		70	130
Surrogate % Recovery - FID	101		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-11d	Lab Info: g650-124-11d
FID Info: VP121107/025F0101.D	PID Info: VP121107/025R0101.D

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTT2478-Duplicate
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/11/07 20:49 - 12/11/07 20:49
Date Analyzed	12/11/07 20:49 - 12/11/07 20:49
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L	Flags	
C_5-C_8 Aliphatics**	BQL	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	93.7		70	130
Surrogate % Recovery - FID	99.0		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-12d	Lab Info: g650-124-12d
FID Info: VP121107/029F0101.D	PID Info: VP121107/029R0101.D

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTT2477-MW0B10
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/11/07 23:30 - 12/11/07 23:30
Date Analyzed	12/11/07 23:30 - 12/11/07 23:30
Dry Weight	NA
Dilution Factor	2 - 2

Analytical Results					
Analyte	Result µg/L	Report Limit µg/L	Flags		
C_6-C_8 Aliphatics**	314	166			
C_9-C_{12} Aliphatics**	511	155			
C_9-C_{10} Aromatics**	189	139			
	Percent Recovery	Flags	Limits		
			Lower	Upper	
Surrogate % Recovery - PID	93.1		70	130	
Surrogate % Recovery - FID	101		70	130	

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-13d	Lab Info: g650-124-13d
FID Info: VP121107/035F0101.D	PID Info: VP121107/035R0101.D

Reviewed By:

SGS

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW0B01
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/11/07 23:57 - 12/11/07 23:57
Date Analyzed	12/11/07 23:57 - 12/11/07 23:57
Dry Weight	NA
Dilution Factor	20 - 20

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L	Flags	
C_5-C_8 Aliphatics**	2730	1655		
C_9-C_{12} Aliphatics**	7380	1545		
C_9-C_{10} Aromatics**	2960	1385		
	Percent Recovery	Flags	Limits Lower	Limits Upper
Surrogate % Recovery - PID	92.3		70	130
Surrogate % Recovery - FID	99.8		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info:	g650-124-14d	Lab Info:	g650-124-14d
FID Info:	VP121107/036F0101.D	PID Info:	VP121107/036R0101.D

Reviewed By:

SGS

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW24
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/12/07 04:25 - 12/12/07 04:25
Date Analyzed	12/12/07 04:25 - 12/12/07 04:25
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results			
Analyte	Result µg/L	Report Limit µg/L	Flags
C_5-C_8 Aliphatics**	BQL	100	
C_9-C_{12} Aliphatics**	BQL	100	
C_9-C_{10} Aromatics**	BQL	100	
	Percent Recovery	Flags	Limits Lower | Upper
Surrogate % Recovery - PID	93.0		70 130
Surrogate % Recovery - FID	98.5		70 130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-15d	Lab Info: g650-124-15d
FID Info: VP121207/007F0101.D	PID Info: VP121207/007R0101.D

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MWSS100
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/12/07 04:52 - 12/12/07 04:52
Date Analyzed	12/12/07 04:52 - 12/12/07 04:52
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	BQL	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	92.1		70	130
Surrogate % Recovery - FID	97.9		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-16d	Lab Info: g650-124-16d
FID Info: VP121207/008F0101.D	PID Info: VP121207/008R0101.D

Reviewed By:

SGS

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW23
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/12/07 05:18 - 12/12/07 05:18
Date Analyzed	12/12/07 05:18 - 12/12/07 05:18
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	BQL	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	92.8		70	130
Surrogate % Recovery - FID	98.0		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-17d	Lab Info: g650-124-17d
FID Info: VP121207/009F0101.D	PID Info: VP121207/009R0101.D

Reviewed By:

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VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MWPVC101
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/13/07 09:59 - 12/13/07 09:59
Date Analyzed	12/13/07 09:59 - 12/13/07 09:59
Dry Weight	NA
Dilution Factor	10 - 10

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	1120	828		
C_9-C_{12} Aliphatics**	4650	773		
C_9-C_{10} Aromatics**	1230	693		
	Percent Recovery	Flags	Limits Lower	Limits Upper
Surrogate % Recovery - PID	91.3		70	130
Surrogate % Recovery - FID	100		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-18e	Lab Info: g650-124-18e
FID Info: VP121207/071F0101.D	PID Info: VP121207/071R0101.D

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTT2477-MW14
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/12/07 06:12 - 12/12/07 06:12
Date Analyzed	12/12/07 06:12 - 12/12/07 06:12
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results			
Analyte	Result µg/L	Report Limit µg/L	Flags
C_5-C_8 Aliphatics**	BQL	100	
C_9-C_{12} Aliphatics**	BQL	100	
C_9-C_{10} Aromatics**	BQL	100	

	Percent Recovery	Flags	Limits Lower	Limits Upper
Surrogate % Recovery - PID	94.9		70	130
Surrogate % Recovery - FID	101		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-19d	Lab Info: g650-124-19d
FID Info: VP121207/011F0101.D	PID Info: VP121207/011R0101.D

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	UST1T2477-MW13
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/12/07 05:45 - 12/12/07 05:45
Date Analyzed	12/12/07 05:45 - 12/12/07 05:45
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	125	100		
C_9-C_{12} Aliphatics**	112	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	103		70	130
Surrogate % Recovery - FID	116		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-20f	Lab Info: g650-124-20f
FID Info: VP121207/010F0101.D	PID Info: VP121207/010R0101.D

Reviewed By:

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VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTT2478-MW17
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/12/07 06:39 - 12/12/07 06:39
Date Analyzed	12/12/07 06:39 - 12/12/07 06:39
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	BQL	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	92.1		70	130
Surrogate % Recovery - FID	97.7		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-21d	Lab Info: g650-124-21d
FID Info: VP121207/012F0101.D	PID Info: VP121207/012R0101.D

Reviewed By:

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VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTT2477-MW09
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/12/07 07:06 - 12/12/07 07:06
Date Analyzed	12/12/07 07:06 - 12/12/07 07:06
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results			
Analyte	Result ug/L	Report Limit ug/L	Flags
C_5-C_8 Aliphatics**	BQL	100	
C_9-C_{12} Aliphatics**	BQL	100	
C_9-C_{10} Aromatics**	BQL	100	
	Percent Recovery	Flags	Limits Lower / Upper
Surrogate % Recovery - PID	92.8		70 130
Surrogate % Recovery - FID	98.3		70 130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-22f	Lab Info: g650-124-22f
FID Info: VP121207/013F0101.D	PID Info: VP121207/013R0101.D

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW19
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/12/07 08:48 - 12/12/07 08:48
Date Analyzed	12/12/07 08:48 - 12/12/07 08:48
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	369	100		
C_9-C_{12} Aliphatics**	204	100		
C_9-C_{10} Aromatics**	103	100		
	Percent Recovery	Flags	Limits Lower	Limits Upper
Surrogate % Recovery - PID	110		70	130
Surrogate % Recovery - FID	136	***	70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

*** = High surrogate recovery due to matrix interference.

Lab Info: g650-124-23f	Lab Info: g650-124-23f
FID Info: VP121207/015F0101.D	PID Info: VP121207/015R0101.D

Reviewed By:

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VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW18
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/12/07 13:51 - 12/12/07 13:51
Date Analyzed	12/12/07 13:51 - 12/12/07 13:51
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	142	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	102		70	130
Surrogate % Recovery - FID	117		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-24f	Lab Info: g650-124-24f
FID Info: VP121207/026F0101.D	PID Info: VP121207/026R0101.D

Reviewed By:

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VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTT2477-MW07
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/12/07 14:19 - 12/12/07 14:19
Date Analyzed	12/12/07 14:19 - 12/12/07 14:19
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results			
Analyte	Result µg/L	Report Limit µg/L	Flags
C_5-C_8 Aliphatics**	BQL	100	
C_9-C_{12} Aliphatics**	BQL	100	
C_9-C_{10} Aromatics**	BQL	100	
	Percent Recovery	Flags	Limits: Lower / Upper
Surrogate % Recovery - PID	94.5		70 / 130
Surrogate % Recovery - FID	101		70 / 130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-25e	Lab Info: g650-124-25e
FID Info: VP121207/027F0101.D	PID Info: VP121207/027R0101.D

Reviewed By:

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VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTT2477-MW05
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/12/07 14:45 - 12/12/07 14:45
Date Analyzed	12/12/07 14:45 - 12/12/07 14:45
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	BQL	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	92.4		70	130
Surrogate % Recovery - FID	98.2		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-26e	Lab Info: g650-124-26e
FID Info: VP121207/028F0101.D	PID Info: VP121207/028R0101.D

Reviewed By:

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	UST7247 8-MW13
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/12/07 15:12 - 12/12/07 15:12
Date Analyzed	12/12/07 15:12 - 12/12/07 15:12
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	BQL	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	89.6		70	130
Surrogate % Recovery - FID	95.5		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-27e	Lab Info: g650-124-27e
FID Info: VP121207/029F0101.D	PID Info: VP121207/029R0101.D

Reviewed By:

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VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTT2477-MW06
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/12/07 15:39 - 12/12/07 15:39
Date Analyzed	12/12/07 15:39 - 12/12/07 15:39
Dry Weight	NA
Dilution Factor	1 - 1

Analytical Results				
Analyte	Result µg/L	Report Limit µg/L		Flags
C_5-C_8 Aliphatics**	BQL	100		
C_9-C_{12} Aliphatics**	BQL	100		
C_9-C_{10} Aromatics**	BQL	100		
	Percent Recovery	Flags	Limits Lower	Upper
Surrogate % Recovery - PID	96.3		70	130
Surrogate % Recovery - FID	103		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: g650-124-28e	Lab Info: g650-124-28e
FID Info: VP121207/030F0101.D	PID Info: VP121207/030R0101.D

Reviewed By:

SGS

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: _____

Project Name: _____

Sample Information	
Sample Identification	vblk4121007a
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	
Date Received	
Date Extracted	
Date Analyzed	12/10/07 10:32 - 12/10/07 10:32
Dry Weight	100
Dilution Factor	1 - 1

Analytical Results			
Analyte	Result µg/L	Report Limit µg/L	Flags
C_5-C_8 Aliphatics**	BQL	100	
C_9-C_{12} Aliphatics**	BQL	100	
C_9-C_{10} Aromatics**	BQL	100	
	Percent Recovery	Flags	Limits Lower / Upper
Surrogate % Recovery - PID	96.6		70 / 130
Surrogate % Recovery - FID	97.6		70 / 130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: vblk4121007a	Lab Info: vblk4121007a
FID Info: VP12100 7/006F0101.D	PID Info: VP12100 7/006R0101.D

Reviewed By: _____

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: _____

Project Name: _____

Sample Information	
Sample Identification	vblk4121107a
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	
Date Received	
Date Extracted	
Date Analyzed	12/11/07 10:33 - 12/11/07 10:33
Dry Weight	100
Dilution Factor	1 - 1

Analytical Results			
Analyte	Result µg/L	Report Limit µg/L	Flags
C_5-C_8 Aliphatics**	BQL	100	
C_9-C_{12} Aliphatics**	BQL	100	
C_9-C_{10} Aromatics**	BQL	100	

	Percent Recovery	Flags	Limits Lower	Limits Upper
Surrogate % Recovery - PID	93.1		70	130
Surrogate % Recovery - FID	96.6		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info:	vblk4121107a	Lab Info:	vblk4121107a
FID Info:	VP121107/006F0101.D	PID Info:	VP121107/006R0101.D

Reviewed By: 

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: _____

Project Name: _____

Sample Information	
Sample Identification	vblk4121207a
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	
Date Received	
Date Extracted	
Date Analyzed	12/12/07 03:58 - 12/12/07 03:58
Dry Weight	100
Dilution Factor	1 - 1

Analytical Results			
Analyte	Result µg/L	Report Limit µg/L	Flags
C_5-C_8 Aliphatics**	BQL	100	
C_9-C_{12} Aliphatics**	BQL	100	
C_9-C_{10} Aromatics**	BQL	100	

	Percent Recovery	Flags	Limits Lower	Limits Upper
Surrogate % Recovery - PID	96.0		70	130
Surrogate % Recovery - FID	102		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: vblk4121207a	Lab Info: vblk4121207a
FID Info: VP121207/006F0101.D	PID Info: VP121207/006R0101.D

Reviewed By: 

VPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: _____

Project Name: _____

Sample Information	
Sample Identification	vblk4121207b
Sample Matrix	Water
Collection Option (for Soil)*	NA
Date Collected	
Date Received	
Date Extracted	
Date Analyzed	12/12/07 20:34 - 12/12/07 20:34
Dry Weight	100
Dilution Factor	1 - 1

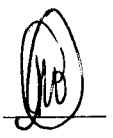
Analytical Results			
Analyte	Result µg/L	Report Limit µg/L	Flags
C_5-C_8 Aliphatics**	BQL	100	
C_9-C_{12} Aliphatics**	BQL	100	
C_9-C_{10} Aromatics**	BQL	100	

	Percent Recovery	Flags	Limits Lower	Limits Upper
Surrogate % Recovery - PID	94.1		70	130
Surrogate % Recovery - FID	99.4		70	130

* = Option 1 = Established fill line on vial, Option 2 = Sampling Device/Brand, or Option 3 = Field weight of soil.

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info:	vblk4121207b	Lab Info:	vblk4121207b
FID Info:	VP121207/041F0101.D	PID Info:	VP121207/041R0101.D

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

LABORATORY CONTROL SPIKE RESULTS
by Method VPH

SGS Environmental Services, Inc.

Lab Sample ID:	LCS4121007A	Analyzed By:		
Lab Project ID:	Batch QC	Matrix:	Water	
Report Basis:	Wet	Percent Solids:	NA	%

Analytical QC Results Summary

Analyte	Expected Amount µg/L	Measured Amount µg/L	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
C5-C8 Aliphatics		107				
C9-C12 Aliphatics		71.5				
C9-C10 Aromatics		18.5				
Total VPH	200	197	98.5	70.0	130	

Surrogate Standards	Expected Amount µg/L	Measured Amount µg/L	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
Surrogate - PID	1250	1242	99.3	70.0	130	
Surrogate - FID	1250	1261	101	70.0	130	

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

LABORATORY CONTROL SPIKE RESULTS
by Method VPH

SGS Environmental Services, Inc.

Lab Sample ID:	LCS4121107A	Analyzed By:		
Lab Project ID:	Batch QC	Matrix:	Water	
Report Basis:	Wet	Percent Solids:	NA	%

Analytical QC Results Summary

Analyte	Expected Amount µg/L	Measured Amount µg/L	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
C5-C8 Aliphatics		100				
C9-C12 Aliphatics		69.6				
C9-C10 Aromatics		17.4				
Total VPH	200	187	93.5	70.0	130	

Surrogate Standards	Expected Amount µg/L	Measured Amount µg/L	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
Surrogate - PID	1250	1176	94.1	70.0	130	
Surrogate - FID	1250	1226	98.0	70.0	130	

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

LABORATORY CONTROL SPIKE RESULTS
by Method VPH

SGS Environmental Services, Inc.

Lab Sample ID:	LCS4121207A	Analyzed By:		
Lab Project ID:	Batch QC	Matrix:	Water	
Report Basis:	Wet	Percent Solids:	NA	%

Analytical QC Results Summary

Analyte	Expected Amount µg/L	Measured Amount µg/L	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
C5-C8 Aliphatics		94.0				
C9-C12 Aliphatics		66.5				
C9-C10 Aromatics		15.4				
Total VPH	200	176	88.0	70.0	130	

Surrogate Standards	Expected Amount µg/L	Measured Amount µg/L	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
Surrogate - PID	1250	1156	92.4	70.0	130	
Surrogate - FID	1250	1231	98.5	70.0	130	

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

LABORATORY CONTROL SPIKE RESULTS
by Method VPH

SGS Environmental Services, Inc.

Lab Sample ID:	LCS4121207B	Analyzed By:		
Lab Project ID:	Batch QC	Matrix:	Water	
Report Basis:	Wet	Percent Solids:	NA	%

Analytical QC Results Summary

Analyte	Expected Amount µg/L	Measured Amount µg/L	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
C5-C8 Aliphatics		96.9				
C9-C12 Aliphatics		71.4				
C9-C10 Aromatics		16.7				
Total VPH	200	185	92.5	70.0	130	

Surrogate Standards	Expected Amount µg/L	Measured Amount µg/L	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
Surrogate - PID	1250	1178	94.3	70.0	130	
Surrogate - FID	1250	1245	99.6	70.0	130	

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULTS
by Method VPH

SGS Environmental Services, Inc.

Lab Sample ID:	g211-2025-13b	Analyzed By:	DVG	
MS Sample ID:	g211-2025-13b	Matrix:	Soil	
MSD Sample ID:	g211-2025-13b	Percent Solids:	88.0	%
Lab Project ID:	Batch QC for VP121007			
Report Basis:	Dry			

Matrix Spike Results Summary

Analyte	Sample Amount mg/Kg	Spiked Amount mg/Kg	Measured Amount mg/Kg	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
C5-C8 Aliphatics	8.440	-	12.40	-	-	-	
C9-C12 Aliphatics	7.660	-	9.37	-	-	-	
C9-C10 Aromatics	7.460	-	8.05	-	-	-	
Total VPH	23.600	8.0	29.8	78.3	70	130	

Matrix Spike Duplicate Results Summary

Analyte	Spiked Amount mg/Kg	Measured Amount mg/Kg	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
C5-C8 Aliphatics	-	12.60	-	-	-	
C9-C12 Aliphatics	-	9.46	-	-	-	
C9-C10 Aromatics	-	8.31	-	-	-	
Total VPH	8.0	30.4	85.7	70	130	

Analyte	MS Amount mg/Kg	MSD Amount mg/Kg	RPD Value (%)	RPD Limit (%)	Qualifier
C5-C8 Aliphatics	-	-	-	-	
C9-C12 Aliphatics	-	-	-	-	
C9-C10 Aromatics	-	-	-	-	
Total VPH	29.8	30.4	2	20	

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULTS
by Method VPH

SGS Environmental Services, Inc.

Lab Sample ID:	g876-25-3a	Analyzed By:	DVG	
MS Sample ID:	g876-25-3a	Matrix:	Soil	
MSD Sample ID:	g876-25-3a	Percent Solids:	86.1	%
Lab Project ID:	Batch QC for VP121107			
Report Basis:	Dry			

Matrix Spike Results Summary

Analyte	Sample Amount mg/Kg	Spiked Amount mg/Kg	Measured Amount mg/Kg	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
C5-C8 Aliphatics	0.133	-	8.64	-	-	-	
C9-C12 Aliphatics	1.900	-	6.13	-	-	-	
C9-C10 Aromatics	0.317	-	1.52	-	-	-	
Total VPH	2.350	18.7	16.3	74.4	70	130	

Matrix Spike Duplicate Results Summary

Analyte	Spiked Amount mg/Kg	Measured Amount mg/Kg	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
C5-C8 Aliphatics	-	8.85	-	-	-	
C9-C12 Aliphatics	-	6.17	-	-	-	
C9-C10 Aromatics	-	1.55	-	-	-	
Total VPH	18.7	16.6	76.1	70	130	

Analyte	MS Amount mg/Kg	MSD Amount mg/Kg	RPD Value (%)	RPD Limit (%)	Qualifier
C5-C8 Aliphatics	-	-	-	-	
C9-C12 Aliphatics	-	-	-	-	
C9-C10 Aromatics	-	-	-	-	
Total VPH	16.3	16.6	2	20	

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULTS
by Method VPH

SGS Environmental Services, Inc.

Lab Sample ID:	g520-253-1a	Analyzed By:	DVG	
MS Sample ID:	g520-253-1a	Matrix:	Soil	
MSD Sample ID:	g520-253-1a	Percent Solids:	89.3	%
Lab Project ID:	Batch QC for VP121207			
Report Basis:	Dry			

Matrix Spike Results Summary

Analyte	Sample Amount mg/Kg	Spiked Amount mg/Kg	Measured Amount mg/Kg	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
C5-C8 Aliphatics	0.128	-	8.59	-	-	-	
C9-C12 Aliphatics	1.570	-	6.00	-	-	-	
C9-C10 Aromatics	0.000	-	1.56	-	-	-	
Total VPH	1.690	18.0	16.2	80.2	70	130	

Matrix Spike Duplicate Results Summary

Analyte	Spiked Amount mg/Kg	Measured Amount mg/Kg	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
C5-C8 Aliphatics	-	8.85	-	-	-	
C9-C12 Aliphatics	-	6.28	-	-	-	
C9-C10 Aromatics	-	1.62	-	-	-	
Total VPH	18.0	16.7	83.2	70	130	

Analyte	MS Amount mg/Kg	MSD Amount mg/Kg	RPD Value (%)	RPD Limit (%)	Qualifier
C5-C8 Aliphatics	-	-	-	-	
C9-C12 Aliphatics	-	-	-	-	
C9-C10 Aromatics	-	-	-	-	
Total VPH	16.2	16.7	3	20	

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULTS
by Method VPH

SGS Environmental Services, Inc.

Lab Sample ID:	g520-253-3a	Analyzed By:	DVG	
MS Sample ID:	g520-253-3a	Matrix:	Soil	
MSD Sample ID:	g520-253-3a	Percent Solids:	74.3	%
Lab Project ID:	Batch QC for VP121207			
Report Basis:	Dry			

Matrix Spike Results Summary

Analyte	Sample Amount mg/Kg	Spiked Amount mg/Kg	Measured Amount mg/Kg	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
C5-C8 Aliphatics	0.156	-	9.99	-	-	-	
C9-C12 Aliphatics	1.920	-	7.24	-	-	-	
C9-C10 Aromatics	0.000	-	1.81	-	-	-	
Total VPH	2.070	21.9	19.0	77.5	70	130	

Matrix Spike Duplicate Results Summary

Analyte	Spiked Amount mg/Kg	Measured Amount mg/Kg	Percent Recovery (%)	Lower Limit (%)	Upper Limit (%)	Qualifier
C5-C8 Aliphatics	-	10.10	-	-	-	
C9-C12 Aliphatics	-	6.98	-	-	-	
C9-C10 Aromatics	-	1.67	-	-	-	
Total VPH	21.9	18.7	76.0	70	130	

Analyte	MS Amount mg/Kg	MSD Amount mg/Kg	RPD Value (%)	RPD Limit (%)	Qualifier
C5-C8 Aliphatics	-	-	-	-	
C9-C12 Aliphatics	-	-	-	-	
C9-C10 Aromatics	-	-	-	-	
Total VPH	19.0	18.7	2	20	

Reviewed By: _____

Attachment 2

VPH Laboratory Reporting Form

Calibration and QA/QC Information

FID Initial Calibration Date: 12/08/07 PID Initial Calibration Date: 12/08/07

Calibration Ranges and Limits

Range	MDL (µg/L)	MDL (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C_5-C_8 Aliphatics	33.1	0.265	105	0.842	100	10
C_9-C_{12} Aliphatics	30.9	0.247	98.3	0.786	100	10
C_9-C_{10} Aromatics	27.7	0.222	88.1	0.705	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_5-C_8 Aliphatics	10	0.8	11.01	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{12} Aliphatics	10	0.8	1.00	Linear Regression
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{10} Aromatics	10	0.8	15.27	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		

Calibration Check Date: 12/10/07 Filename: VP121007/033F0101.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C_5-C_8 Aliphatics	200	1.6	-3.0	±25%
C_9-C_{12} Aliphatics	200	1.6	2.5	±25%
C_9-C_{10} Aromatics	200	1.6	11.7	±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit

RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 2

VPH Laboratory Reporting Form

Calibration and QA/QC Information

FID Initial Calibration Date: 12/08/07 PID Initial Calibration Date: 12/08/07

Calibration Ranges and Limits

Range	MDL (µg/L)	MDL (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C_5-C_8 Aliphatics	33.1	0.265	105	0.842	100	10
C_9-C_{12} Aliphatics	30.9	0.247	98.3	0.786	100	10
C_9-C_{10} Aromatics	27.7	0.222	88.1	0.705	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_5-C_8 Aliphatics	10	0.8	11.01	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{12} Aliphatics	10	0.8	1.00	Linear Regression
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{10} Aromatics	10	0.8	15.27	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		

Calibration Check Date: 12/11/07 Filename: VP121107/002F0101.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C_5-C_8 Aliphatics	200	1.6	-4.6	±25%
C_9-C_{12} Aliphatics	200	1.6	1.7	±25%
C_9-C_{10} Aromatics	200	1.6	4.6	±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 2

VPH Laboratory Reporting Form

Calibration and QA/QC Information

FID Initial Calibration Date: 12/08/07 PID Initial Calibration Date: 12/08/07

Calibration Ranges and Limits

Range	MDL (µg/L)	MDL (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C_5-C_8 Aliphatics	33.1	0.265	105	0.842	100	10
C_9-C_{12} Aliphatics	30.9	0.247	98.3	0.786	100	10
C_9-C_{10} Aromatics	27.7	0.222	88.1	0.705	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_5-C_8 Aliphatics	10	0.8	11.01	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{12} Aliphatics	10	0.8	1.00	Linear Regression
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{10} Aromatics	10	0.8	15.27	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		

Calibration Check Date: 12/11/07 Filename: VP121107/027F0101.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C_5-C_8 Aliphatics	200	1.6	-3.4	±25%
C_9-C_{12} Aliphatics	200	1.6	-1.0	±25%
C_9-C_{10} Aromatics	200	1.6	9.0	±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 2

VPH Laboratory Reporting Form

Calibration and QA/QC Information

FID Initial Calibration Date: 12/08/07 PID Initial Calibration Date: 12/08/07

Calibration Ranges and Limits

Range	MDL (µg/L)	MDL (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C_5-C_8 Aliphatics	33.1	0.265	105	0.842	100	10
C_9-C_{12} Aliphatics	30.9	0.247	98.3	0.786	100	10
C_9-C_{10} Aromatics	27.7	0.222	88.1	0.705	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_5-C_8 Aliphatics	10	0.8	11.01	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{12} Aliphatics	10	0.8	1.00	Linear Regression
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{10} Aromatics	10	0.8	15.27	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		

Calibration Check Date: 12/12/07 Filename: VP121207/002F0101.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C_5-C_8 Aliphatics	200	1.6	-17.4	±25%
C_9-C_{12} Aliphatics	200	1.6	-5.0	±25%
C_9-C_{10} Aromatics	200	1.6	-1.2	±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 2

VPH Laboratory Reporting Form

Calibration and QA/QC Information

FID Initial Calibration Date: 12/08/07 PID Initial Calibration Date: 12/08/07

Calibration Ranges and Limits

Range	MDL (µg/L)	MDL (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C_5-C_8 Aliphatics	33.1	0.265	105	0.842	100	10
C_9-C_{12} Aliphatics	30.9	0.247	98.3	0.786	100	10
C_9-C_{10} Aromatics	27.7	0.222	88.1	0.705	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_5-C_8 Aliphatics	10	0.8	11.01	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{12} Aliphatics	10	0.8	1.00	Linear Regression
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{10} Aromatics	10	0.8	15.27	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		

Calibration Check Date: 12/12/07 Filename: VP121207/024F0101.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C_5-C_8 Aliphatics	200	1.6	-10.6	±25%
C_9-C_{12} Aliphatics	200	1.6	0.0	±25%
C_9-C_{10} Aromatics	200	1.6	0.4	±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 2

VPH Laboratory Reporting Form

Calibration and QA/QC Information

FID Initial Calibration Date: 12/08/07 PID Initial Calibration Date: 12/08/07

Calibration Ranges and Limits

Range	MDL (µg/L)	MDL (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C_5-C_8 Aliphatics	33.1	0.265	105	0.842	100	10
C_9-C_{12} Aliphatics	30.9	0.247	98.3	0.786	100	10
C_9-C_{10} Aromatics	27.7	0.222	88.1	0.705	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_5-C_8 Aliphatics	10	0.8	11.01	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{12} Aliphatics	10	0.8	1.00	Linear Regression
	50	4		
	100	8		
	200	16		
	500	40		
C_9-C_{10} Aromatics	10	0.8	15.27	Calibration Factor
	50	4		
	100	8		
	200	16		
	500	40		

Calibration Check Date: 12/12/07 Filename: VP121207/067F0101.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C_5-C_8 Aliphatics	200	1.6	-18.6	±25%
C_9-C_{12} Aliphatics	200	1.6	-6.3	±25%
C_9-C_{10} Aromatics	200	1.6	0.4	±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW10
Client Project ID: NV019
Lab Sample ID: G650-124-1H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/28/2007 7:55
Date Received: 11/30/2007
Date Extracted: 12/2/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW10
Client Project ID: NV019
Lab Sample ID: G650-124-1H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/28/2007 7:55
Date Received: 11/30/2007
Date Extracted: 12/2/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	7.5	75
2-Fluorophenol	10	6.5	65
Nitrobenzene-d5	10	7.7	78
Phenol-d6	10	6.6	66
2,4,6-Tribromophenol	10	6.9	69
4-Terphenyl-d14	10	7.9	79

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2477-MW10
Client Project ID: NV019
Lab Sample ID: G650-124-1H
Lab Project ID: G650-124
Sample Wt/Vol: 500 ML
Dilution: 1

Analyzed By: DES
Date Collected: 11/28/2007 7:55
Date Received: 11/30/2007
Date Extracted: 12/2/2007
Date Analyzed: 12/3/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: _____

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW11
Client Project ID: NV019
Lab Sample ID: G650-124-2H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/28/2007 8:04
Date Received: 11/30/2007
Date Extracted: 12/2/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW11
Client Project ID: NV019
Lab Sample ID: G650-124-2H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/28/2007 8:04
Date Received: 11/30/2007
Date Extracted: 12/2/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

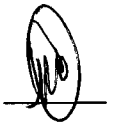
	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	7.8	78
2-Fluorophenol	10	7.4	74
Nitrobenzene-d5	10	8	80
Phenol-d6	10	7.4	74
2,4,6-Tribromophenol	10	7.3	73
4-Terphenyl-d14	10	8.1	81

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2477-MW11
Client Project ID: NV019
Lab Sample ID: G650-124-2H
Lab Project ID: G650-124
Sample Wt/Vol: 500 ML
Dilution: 1

Analyzed By: DES
Date Collected: 11/28/2007 8:04
Date Received: 11/30/2007
Date Extracted: 12/2/2007
Date Analyzed: 12/3/2007A
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by:

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW02
Client Project ID: NV019
Lab Sample ID: G650-124-4H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/28/2007 9:14
Date Received: 11/30/2007
Date Extracted: 12/2/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	**3.90**	10.0	1.22	1	12/4/2007	J
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	**46.0**	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	**5.60**	10.0	1.22	1	12/4/2007	J
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	**9.70**	10.0	1.38	1	12/4/2007	J

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW02
Client Project ID: NV019
Lab Sample ID: G650-124-4H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/28/2007 9:14
Date Received: 11/30/2007
Date Extracted: 12/2/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	6.2	62
2-Fluorophenol	10	6.8	68
Nitrobenzene-d5	10	8	80
Phenol-d6	10	7	70
2,4,6-Tribromophenol	10	7.1	71
4-Terphenyl-d14	10	5.3	53

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2477-MW02
Client Project ID: NV019
Lab Sample ID: G650-124-4H
Lab Project ID: G650-124
Sample Wt/Vol: 500 ML
Dilution: 1

Analyzed By: DES
Date Collected: 11/28/2007 9:14
Date Received: 11/30/2007
Date Extracted: 12/2/2007
Date Analyzed: 12/3/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	Alkane, Unknown	7.86			57
2	Pentadecane, 2,6,10,14-tetramethyl-	8.15	001921-70-6	91	56.1
3	Alkane, Unknown	5.77			52.7
4	Alkane, Unknown	6.87			41
5	Hexadecane, 2,6,10,14-tetramethyl-	8.64	000638-36-8	91	40
6	Aromatic, Unknown	7.25			20.7
7	Naphthalene, 2,7-dimethyl-	6.70	000582-16-1	95	19.8
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW01
Client Project ID: NV019
Lab Sample ID: G650-124-5I
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 9:19
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	**3.10**	10.0	1.33	1	12/4/2007	J
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	**1.90**	10.0	1.22	1	12/4/2007	J
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	**5.50**	10.0	1.08	1	12/4/2007	J
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	**1.50**	10.0	1.38	1	12/4/2007	J

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW01
Client Project ID: NV019
Lab Sample ID: G650-124-5I
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 9:19
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

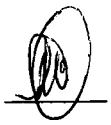
	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.4	88
2-Fluorophenol	5	3.8	76
Nitrobenzene-d5	5	4.2	83
Phenol-d6	5	3.5	70
2,4,6-Tribromophenol	5	5.1	102
4-Terphenyl-d14	5	4.3	86

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2477-MW01
Client Project ID: NV019
Lab Sample ID: G650-124-5I
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

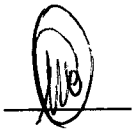
Analyzed By: DES
Date Collected: 11/28/2007 9:19
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/4/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	1(2H)-Naphthalenone, 3,4-dihydro-3-methyl-	6.45	014944-23-1	92	29.4
2	Cyclohexane, isothiocyanato-	5.30	001122-82-3	95	22
3	1(2H)-Naphthalenone, 3,4-dihydro-4-methyl-	6.55	019832-98-5	94	18.3
4	Unknown	8.49			13.9
5	Unknown	4.75			12.2
6	Benzene, 1,2,3-trimethyl-	3.67	000526-73-8	94	10.1
7	Naphthalene, 1,7-dimethyl-	6.48	000575-37-1	96	10
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW14
Client Project ID: NV019
Lab Sample ID: G650-124-6J
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 10:14
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW14
Client Project ID: NV019
Lab Sample ID: G650-124-6J
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 10:14
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

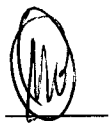
	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.4	87
2-Fluorophenol	5	3.6	72
Nitrobenzene-d5	5	4	80
Phenol-d6	5	3.3	65
2,4,6-Tribromophenol	5	4.5	91
4-Terphenyl-d14	5	4.4	89

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MW14
Client Project ID: NV019
Lab Sample ID: G650-124-6J
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

Analyzed By: DES
Date Collected: 11/28/2007 10:14
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/4/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW14D
Client Project ID: NV019
Lab Sample ID: G650-124-7K
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 10:14
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles
by GCMS 625

Client Sample ID: USTTT2478-MW14D
Client Project ID: NV019
Lab Sample ID: G650-124-7K
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 10:14
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.4	87
2-Fluorophenol	5	3.7	73
Nitrobenzene-d5	5	4	80
Phenol-d6	5	3.4	67
2,4,6-Tribromophenol	5	4.4	88
4-Terphenyl-d14	5	4.7	93

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By:

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MW14D
Client Project ID: NV019
Lab Sample ID: G650-124-7K
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

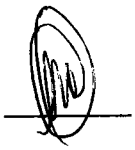
Analyzed By: DES
Date Collected: 11/28/2007 10:14
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/4/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW06
Client Project ID: NV019
Lab Sample ID: G650-124-8H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 11:40
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles
by GCMS 625

Client Sample ID: USTTT2478-MW06
Client Project ID: NV019
Lab Sample ID: G650-124-8H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 11:40
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4	81
2-Fluorophenol	5	3.5	70
Nitrobenzene-d5	5	3.9	77
Phenol-d6	5	3.2	63
2,4,6-Tribromophenol	5	4.3	86
4-Terphenyl-d14	5	4.4	88

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MW06
Client Project ID: NV019
Lab Sample ID: G650-124-8H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

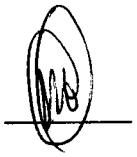
Analyzed By: DES
Date Collected: 11/28/2007 11:40
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/4/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

Results for Semivolatiles
by GCMS 625

Client Sample ID: USTTT2478-MW15
Client Project ID: NV019
Lab Sample ID: G650-124-9H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 11:44
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles
by GCMS 625

Client Sample ID: USTTT2478-MW15
Client Project ID: NV019
Lab Sample ID: G650-124-9H
Lab Project ID: G650-124

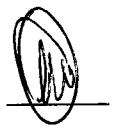
Analyzed By: DES
Date Collected: 11/28/2007 11:44
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.3	87
2-Fluorophenol	5	3.7	75
Nitrobenzene-d5	5	4	80
Phenol-d6	5	3.3	66
2,4,6-Tribromophenol	5	4.5	90
4-Terphenyl-d14	5	4.7	93

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MW15
Client Project ID: NV019
Lab Sample ID: G650-124-9H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

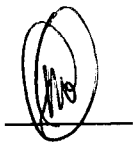
Analyzed By: DES
Date Collected: 11/28/2007 11:44
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/4/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW10
Client Project ID: NV019
Lab Sample ID: G650-124-10H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 14:04
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW10
Client Project ID: NV019
Lab Sample ID: G650-124-10H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 14:04
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

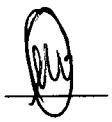
	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.2	85
2-Fluorophenol	5	3.6	72
Nitrobenzene-d5	5	3.9	78
Phenol-d6	5	3.3	65
2,4,6-Tribromophenol	5	4.3	87
4-Terphenyl-d14	5	4.7	93

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MW10
Client Project ID: NV019
Lab Sample ID: G650-124-10H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

Analyzed By: DES
Date Collected: 11/28/2007 14:04
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/4/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

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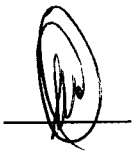
Reviewed by: 

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW09
Client Project ID: NV019
Lab Sample ID: G650-124-11H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 13:46
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW09
Client Project ID: NV019
Lab Sample ID: G650-124-11H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 13:46
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.1	81
2-Fluorophenol	5	3.4	67
Nitrobenzene-d5	5	3.8	76
Phenol-d6	5	3.1	63
2,4,6-Tribromophenol	5	4.1	82
4-Terphenyl-d14	5	4.4	88

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MW09
Client Project ID: NV019
Lab Sample ID: G650-124-11H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

Analyzed By: DES
Date Collected: 11/28/2007 13:46
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/4/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

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Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-Duplicate
Client Project ID: NV019
Lab Sample ID: G650-124-12H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 0:00
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-Duplicate
Client Project ID: NV019
Lab Sample ID: G650-124-12H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 0:00
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

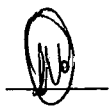
	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.4	88
2-Fluorophenol	5	3.7	74
Nitrobenzene-d5	5	4	80
Phenol-d6	5	3.3	67
2,4,6-Tribromophenol	5	4.5	89
4-Terphenyl-d14	5	4.5	91

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-Duplicate
Client Project ID: NV019
Lab Sample ID: G650-124-12H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

Analyzed By: DES
Date Collected: 11/28/2007 0:00
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/4/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW0B10
Client Project ID: NV019
Lab Sample ID: G650-124-13H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 15:20
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	**22.7**	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW0B10
Client Project ID: NV019
Lab Sample ID: G650-124-13H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 15:20
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4	80
2-Fluorophenol	5	3.5	69
Nitrobenzene-d5	5	3.8	75
Phenol-d6	5	3.2	64
2,4,6-Tribromophenol	5	4.2	84
4-Terphenyl-d14	5	4.4	88

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2477-MW0B10
Client Project ID: NV019
Lab Sample ID: G650-124-13H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

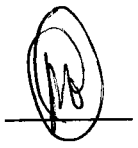
Analyzed By: DES
Date Collected: 11/28/2007 15:20
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/4/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	Indane	3.97	000496-11-7	87	39.5
2	Benzene, 1,3-diethyl-	4.03	000141-93-5	95	10.7
3	Benzene, 2-ethenyl-1,4-dimethyl-	4.74	002039-89-6	96	10.1
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW0B01
Client Project ID: NV019
Lab Sample ID: G650-124-14H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 15:22
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/5/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/5/2007	
Anthracene	BQL	10.0	1.75	1	12/5/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/5/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/5/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/5/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/5/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/5/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/5/2007	
Bis(2-ethylhexyl)phthalate	**33.9**	10.0	1.33	1	12/5/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/5/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/5/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/5/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/5/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/5/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/5/2007	
Chrysene	BQL	10.0	1.11	1	12/5/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/5/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/5/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/5/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/5/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/5/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/5/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/5/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/5/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/5/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/5/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/5/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/5/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/5/2007	
Fluoranthene	BQL	10.0	1.41	1	12/5/2007	
Fluorene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/5/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/5/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/5/2007	
Isophorone	BQL	10.0	1.27	1	12/5/2007	
Naphthalene	**179**	10.0	1.08	1	12/5/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/5/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/5/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/5/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/5/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/5/2007	
Phenanthrene	BQL	10.0	1.38	1	12/5/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW0B01
Client Project ID: NV019
Lab Sample ID: G650-124-14H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/28/2007 15:22
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/5/2007	
Pyrene	BQL	10.0	2.08	1	12/5/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/5/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/5/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.1	82
2-Fluorophenol	5	3.2	64
Nitrobenzene-d5	5	3.9	79
Phenol-d6	5	3.5	70
2,4,6-Tribromophenol	5	4.7	95
4-Terphenyl-d14	5	4.1	81

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2477-MW0B01
Client Project ID: NV019
Lab Sample ID: G650-124-14H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

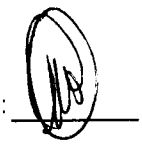
Analyzed By: DES
Date Collected: 11/28/2007 15:22
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/5/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	Benzene, 4-ethyl-1,2-dimethyl-	4.09	000934-80-5	93	275
2	Benzene, 1-methyl-3-propyl-	4.05	001074-43-7	91	189
3	Alkane, Unknown	3.97			130
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW24
Client Project ID: NV019
Lab Sample ID: G650-124-15H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 7:39
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW24
Client Project ID: NV019
Lab Sample ID: G650-124-15H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 7:39
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

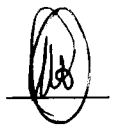
	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.4	87
2-Fluorophenol	5	3.5	70
Nitrobenzene-d5	5	3.9	78
Phenol-d6	5	3.2	65
2,4,6-Tribromophenol	5	4.4	88
4-Terphenyl-d14	5	4.5	91

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MW24
Client Project ID: NV019
Lab Sample ID: G650-124-15H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

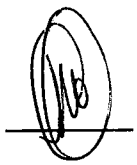
Analyzed By: DES
Date Collected: 11/29/2007 7:39
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/4/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MWSS100
Client Project ID: NV019
Lab Sample ID: G650-124-16H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 7:40
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles
by GCMS 625

Client Sample ID: USTTT2478-MWSS100
Client Project ID: NV019
Lab Sample ID: G650-124-16H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 7:40
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.3	86
2-Fluorophenol	5	3.4	69
Nitrobenzene-d5	5	3.8	77
Phenol-d6	5	3.2	64
2,4,6-Tribromophenol	5	4.2	84
4-Terphenyl-d14	5	4.5	90

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MWSS100
Client Project ID: NV019
Lab Sample ID: G650-124-16H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

Analyzed By: DES
Date Collected: 11/29/2007 7:40
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/4/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW23
Client Project ID: NV019
Lab Sample ID: G650-124-17H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 8:39
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW23
Client Project ID: NV019
Lab Sample ID: G650-124-17H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 8:39
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.4	89
2-Fluorophenol	5	3.8	75
Nitrobenzene-d5	5	3.9	79
Phenol-d6	5	3.3	66
2,4,6-Tribromophenol	5	4.3	86
4-Terphenyl-d14	5	4.5	90

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MW23
Client Project ID: NV019
Lab Sample ID: G650-124-17H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

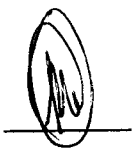
Analyzed By: DES
Date Collected: 11/29/2007 8:39
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/4/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	Alkane, Unknown	3.97			7.58
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MWPVC101
Client Project ID: NV019
Lab Sample ID: G650-124-18H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 8:38
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	100	12.2	10	12/5/2007	
Acenaphthylene	BQL	100	11.2	10	12/5/2007	
Anthracene	BQL	100	17.5	10	12/5/2007	
Benzo[a]anthracene	BQL	100	13.6	10	12/5/2007	
Benzo[a]pyrene	BQL	100	12.7	10	12/5/2007	
Benzo[b]fluoranthene	BQL	100	14.3	10	12/5/2007	
Benzo[g,h,i]perylene	BQL	100	45.7	10	12/5/2007	
Benzo[k]fluoranthene	BQL	100	10.9	10	12/5/2007	
Bis(2-chloroethoxy)methane	BQL	100	11.1	10	12/5/2007	
Bis(2-chloroethyl)ether	BQL	100	10.9	10	12/5/2007	
Bis(2-chloroisopropyl)ether	BQL	100	15.7	10	12/5/2007	
Bis(2-ethylhexyl)phthalate	BQL	100	13.3	10	12/5/2007	
4-bromophenyl phenyl ether	BQL	100	19.9	10	12/5/2007	
Butylbenzylphthalate	BQL	100	15.3	10	12/5/2007	
2-Chloronaphthalene	BQL	100	12.5	10	12/5/2007	
2-Chlorophenol	BQL	100	42.2	10	12/5/2007	
4-Chloro-3-methylphenol	BQL	100	32.6	10	12/5/2007	
4-Chlorophenyl phenyl ether	BQL	100	14.2	10	12/5/2007	
Chrysene	BQL	100	11.1	10	12/5/2007	
Dibenzo[a,h]anthracene	BQL	100	48.7	10	12/5/2007	
Di-n-Butylphthalate	BQL	100	16.5	10	12/5/2007	
3,3'-Dichlorobenzidine	BQL	200	41.0	10	12/5/2007	
2,4-Dichlorophenol	BQL	100	37.5	10	12/5/2007	
Diethylphthalate	BQL	100	14.8	10	12/5/2007	
Dimethylphthalate	BQL	100	10.4	10	12/5/2007	
2,4-Dimethylphenol	BQL	100	92.5	10	12/5/2007	
Di-n-octylphthalate	BQL	100	11.6	10	12/5/2007	
4,6-Dinitro-2-methylphenol	BQL	500	37.1	10	12/5/2007	
2,4-Dinitrophenol	BQL	500	42.0	10	12/5/2007	
2,4-Dinitrotoluene	BQL	100	15.2	10	12/5/2007	
2,6-Dinitrotoluene	BQL	100	14.1	10	12/5/2007	
Diphenylamine *	BQL	100	15.3	10	12/5/2007	
Fluoranthene	BQL	100	14.1	10	12/5/2007	
Fluorene	BQL	100	12.2	10	12/5/2007	
Hexachlorobenzene	BQL	100	12.2	10	12/5/2007	
Hexachlorobutadiene	BQL	100	15.8	10	12/5/2007	
Hexachlorocyclopentadiene	BQL	200	200	10	12/5/2007	
Hexachloroethane	BQL	100	15.8	10	12/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	100	45.7	10	12/5/2007	
Isophorone	BQL	100	12.7	10	12/5/2007	
Naphthalene	378	100	10.8	10	12/5/2007	
Nitrobenzene	BQL	100	13.2	10	12/5/2007	
2-Nitrophenol	BQL	100	35.2	10	12/5/2007	
4-Nitrophenol	BQL	500	31.7	10	12/5/2007	
N-Nitrosodi-n-propylamine	BQL	100	18.7	10	12/5/2007	
Pentachlorophenol	BQL	500	28.3	10	12/5/2007	
Phenanthrene	BQL	100	13.8	10	12/5/2007	

Results for Semivolatiles
by GCMS 625

Client Sample ID: USTTT2478-MWPVC101
Client Project ID: NV019
Lab Sample ID: G650-124-18H
Lab Project ID: G650-124

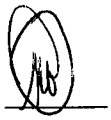
Analyzed By: DES
Date Collected: 11/29/2007 8:38
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	100	33.8	10	12/5/2007	
Pyrene	BQL	100	20.8	10	12/5/2007	
1,2,4-Trichlorobenzene	BQL	100	13.3	10	12/5/2007	
2,4,6-Trichlorophenol	BQL	100	29.2	10	12/5/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	NA	NA
2-Fluorophenol	5	NA	NA
Nitrobenzene-d5	5	NA	NA
Phenol-d6	5	NA	NA
2,4,6-Tribromophenol	5	NA	NA
4-Terphenyl-d14	5	NA	NA

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MWPVC101
Client Project ID: NV019
Lab Sample ID: G650-124-18H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 10

Analyzed By: DES
Date Collected: 11/29/2007 8:38
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/5/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	Indane	3.97	000496-11-7	93	421
2	Aromatic, Unknown	4.75			131
3	Aromatic, Unknown	4.03			107
4	Benzene, 1,2,3,5-tetramethyl-	4.51	000527-53-7	96	59.9
5	1,3,8-p-Menthatriene	4.09	021195-59-5	91	55
6					
7					
8					
9					
10					

Comment:

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Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: USTTT2477-MW14
Client Project ID: NV019
Lab Sample ID: G650-124-19H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 9:49
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/5/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/5/2007	
Anthracene	BQL	10.0	1.75	1	12/5/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/5/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/5/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/5/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/5/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/5/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/5/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/5/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/5/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/5/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/5/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/5/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/5/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/5/2007	
Chrysene	BQL	10.0	1.11	1	12/5/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/5/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/5/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/5/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/5/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/5/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/5/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/5/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/5/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/5/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/5/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/5/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/5/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/5/2007	
Fluoranthene	BQL	10.0	1.41	1	12/5/2007	
Fluorene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/5/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/5/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/5/2007	
Isophorone	BQL	10.0	1.27	1	12/5/2007	
Naphthalene	BQL	10.0	1.08	1	12/5/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/5/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/5/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/5/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/5/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/5/2007	
Phenanthrene	BQL	10.0	1.38	1	12/5/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW14
Client Project ID: NV019
Lab Sample ID: G650-124-19H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 9:49
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/5/2007	
Pyrene	BQL	10.0	2.08	1	12/5/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/5/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/5/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.6	92
2-Fluorophenol	5	3.8	76
Nitrobenzene-d5	5	4.2	85
Phenol-d6	5	3.4	68
2,4,6-Tribromophenol	5	4.6	91
4-Terphenyl-d14	5	4.6	93

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2477-MW14
Client Project ID: NV019
Lab Sample ID: G650-124-19H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

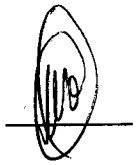
Analyzed By: DES
Date Collected: 11/29/2007 9:49
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/5/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW13
Client Project ID: NV019
Lab Sample ID: G650-124-20H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 9:46
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/5/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/5/2007	
Anthracene	BQL	10.0	1.75	1	12/5/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/5/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/5/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/5/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/5/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/5/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/5/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/5/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/5/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/5/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/5/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/5/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/5/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/5/2007	
Chrysene	BQL	10.0	1.11	1	12/5/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/5/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/5/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/5/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/5/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/5/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/5/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/5/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/5/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/5/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/5/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/5/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/5/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/5/2007	
Fluoranthene	BQL	10.0	1.41	1	12/5/2007	
Fluorene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/5/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/5/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/5/2007	
Isophorone	BQL	10.0	1.27	1	12/5/2007	
Naphthalene	BQL	10.0	1.08	1	12/5/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/5/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/5/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/5/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/5/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/5/2007	
Phenanthrene	BQL	10.0	1.38	1	12/5/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW13
Client Project ID: NV019
Lab Sample ID: G650-124-20H
Lab Project ID: G650-124

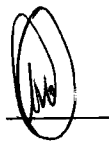
Analyzed By: DES
Date Collected: 11/29/2007 9:46
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/5/2007	
Pyrene	BQL	10.0	2.08	1	12/5/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/5/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/5/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.3	87
2-Fluorophenol	5	3.7	74
Nitrobenzene-d5	5	4	80
Phenol-d6	5	3.3	67
2,4,6-Tribromophenol	5	4.4	87
4-Terphenyl-d14	5	4.5	89

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2477-MW13
Client Project ID: NV019
Lab Sample ID: G650-124-20H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

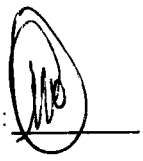
Analyzed By: DES
Date Collected: 11/29/2007 9:46
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/5/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	Unknown	4.83			8.28
2	Unknown	4.38			4.86
3	Aromatic, Unknown	4.78			4.82
4	Unknown	6.00			4.46
5	Unknown	4.51			4.22
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW17
Client Project ID: NV019
Lab Sample ID: G650-124-21H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 10:39
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/5/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/5/2007	
Anthracene	BQL	10.0	1.75	1	12/5/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/5/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/5/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/5/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/5/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/5/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/5/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/5/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/5/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/5/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/5/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/5/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/5/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/5/2007	
Chrysene	BQL	10.0	1.11	1	12/5/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/5/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/5/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/5/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/5/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/5/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/5/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/5/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/5/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/5/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/5/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/5/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/5/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/5/2007	
Fluoranthene	BQL	10.0	1.41	1	12/5/2007	
Fluorene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/5/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/5/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/5/2007	
Isophorone	BQL	10.0	1.27	1	12/5/2007	
Naphthalene	BQL	10.0	1.08	1	12/5/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/5/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/5/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/5/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/5/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/5/2007	
Phenanthrene	BQL	10.0	1.38	1	12/5/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW17
Client Project ID: NV019
Lab Sample ID: G650-124-21H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 10:39
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/5/2007	
Pyrene	BQL	10.0	2.08	1	12/5/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/5/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/5/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4.5	90
2-Fluorophenol	5	3.7	75
Nitrobenzene-d5	5	4.1	81
Phenol-d6	5	3.3	67
2,4,6-Tribromophenol	5	4.5	90
4-Terphenyl-d14	5	4.6	92

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MW17
Client Project ID: NV019
Lab Sample ID: G650-124-21H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

Analyzed By: DES
Date Collected: 11/29/2007 10:39
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/5/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

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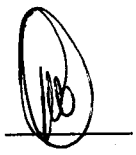
Reviewed by: 

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW09
Client Project ID: NV019
Lab Sample ID: G650-124-22H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 10:38
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/5/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/5/2007	
Anthracene	BQL	10.0	1.75	1	12/5/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/5/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/5/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/5/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/5/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/5/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/5/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/5/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/5/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/5/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/5/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/5/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/5/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/5/2007	
Chrysene	BQL	10.0	1.11	1	12/5/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/5/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/5/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/5/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/5/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/5/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/5/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/5/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/5/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/5/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/5/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/5/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/5/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/5/2007	
Fluoranthene	BQL	10.0	1.41	1	12/5/2007	
Fluorene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/5/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/5/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/5/2007	
Isophorone	BQL	10.0	1.27	1	12/5/2007	
Naphthalene	BQL	10.0	1.08	1	12/5/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/5/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/5/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/5/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/5/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/5/2007	
Phenanthrene	BQL	10.0	1.38	1	12/5/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW09
Client Project ID: NV019
Lab Sample ID: G650-124-22H
Lab Project ID: G650-124

Analyzed By: DES
Date Collected: 11/29/2007 10:38
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/5/2007	
Pyrene	BQL	10.0	2.08	1	12/5/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/5/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/5/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	3.9	79
2-Fluorophenol	5	3.4	68
Nitrobenzene-d5	5	3.7	74
Phenol-d6	5	3.1	62
2,4,6-Tribromophenol	5	4.1	82
4-Terphenyl-d14	5	4.2	85

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2477-MW09
Client Project ID: NV019
Lab Sample ID: G650-124-22H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

Analyzed By: DES
Date Collected: 11/29/2007 10:38
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/5/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	No library search compounds detected.				
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW19
Client Project ID: NV019
Lab Sample ID: G650-124-23H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/29/2007 11:32
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/5/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/5/2007	
Anthracene	BQL	10.0	1.75	1	12/5/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/5/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/5/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/5/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/5/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/5/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/5/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/5/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/5/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/5/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/5/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/5/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/5/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/5/2007	
Chrysene	BQL	10.0	1.11	1	12/5/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/5/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/5/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/5/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/5/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/5/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/5/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/5/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/5/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/5/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/5/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/5/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/5/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/5/2007	
Fluoranthene	BQL	10.0	1.41	1	12/5/2007	
Fluorene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/5/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/5/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/5/2007	
Isophorone	BQL	10.0	1.27	1	12/5/2007	
Naphthalene	BQL	10.0	1.08	1	12/5/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/5/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/5/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/5/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/5/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/5/2007	
Phenanthrene	BQL	10.0	1.38	1	12/5/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW19
Client Project ID: NV019
Lab Sample ID: G650-124-23H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/29/2007 11:32
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/5/2007	
Pyrene	BQL	10.0	2.08	1	12/5/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/5/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/5/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	3.8	77
2-Fluorophenol	5	3.4	68
Nitrobenzene-d5	5	3.7	74
Phenol-d6	5	3.2	63
2,4,6-Tribromophenol	5	4.4	87
4-Terphenyl-d14	5	4.8	96

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MW19
Client Project ID: NV019
Lab Sample ID: G650-124-23H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

Analyzed By: DES
Date Collected: 11/29/2007 11:32
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/5/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	Aromatic, Unknown	8.46			15.4
2	Unknown	12.35			12.9
3	Unknown	8.25			4.53
4	Benzene, 1-ethyl-3-(1-methylethyl)-	8.09	004920-99-4	90	4.14
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW18
Client Project ID: NV019
Lab Sample ID: G650-124-24H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/29/2007 11:30
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/5/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/5/2007	
Anthracene	BQL	10.0	1.75	1	12/5/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/5/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/5/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/5/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/5/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/5/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/5/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/5/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/5/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/5/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/5/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/5/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/5/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/5/2007	
Chrysene	BQL	10.0	1.11	1	12/5/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/5/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/5/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/5/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/5/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/5/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/5/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/5/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/5/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/5/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/5/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/5/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/5/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/5/2007	
Fluoranthene	BQL	10.0	1.41	1	12/5/2007	
Fluorene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/5/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/5/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/5/2007	
Isophorone	BQL	10.0	1.27	1	12/5/2007	
Naphthalene	BQL	10.0	1.08	1	12/5/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/5/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/5/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/5/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/5/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/5/2007	
Phenanthrene	BQL	10.0	1.38	1	12/5/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW18
Client Project ID: NV019
Lab Sample ID: G650-124-24H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/29/2007 11:30
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/5/2007	
Pyrene	BQL	10.0	2.08	1	12/5/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/5/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/5/2007	

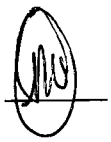
	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	3.7	75
2-Fluorophenol	5	2.8	57
Nitrobenzene-d5	5	3.4	67
Phenol-d6	5	2.8	55
2,4,6-Tribromophenol	5	4.2	84
4-Terphenyl-d14	5	5.1	102

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MW18
Client Project ID: NV019
Lab Sample ID: G650-124-24H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

Analyzed By: DES
Date Collected: 11/29/2007 11:30
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/5/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	Unknown	12.35			12.4
2	Aromatic, Unknown	8.46	001758-88-9	72	4.29
3	Unknown	4.96			4.02
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: _____

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW07
Client Project ID: NV019
Lab Sample ID: G650-124-25H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/29/2007 12:45
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/5/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/5/2007	
Anthracene	BQL	10.0	1.75	1	12/5/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/5/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/5/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/5/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/5/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/5/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/5/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/5/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/5/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/5/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/5/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/5/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/5/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/5/2007	
Chrysene	BQL	10.0	1.11	1	12/5/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/5/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/5/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/5/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/5/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/5/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/5/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/5/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/5/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/5/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/5/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/5/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/5/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/5/2007	
Fluoranthene	BQL	10.0	1.41	1	12/5/2007	
Fluorene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/5/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/5/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/5/2007	
Isophorone	BQL	10.0	1.27	1	12/5/2007	
Naphthalene	BQL	10.0	1.08	1	12/5/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/5/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/5/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/5/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/5/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/5/2007	
Phenanthrene	BQL	10.0	1.38	1	12/5/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW07
Client Project ID: NV019
Lab Sample ID: G650-124-25H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/29/2007 12:45
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/5/2007	
Pyrene	BQL	10.0	2.08	1	12/5/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/5/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/5/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	3.7	73
2-Fluorophenol	5	3.3	66
Nitrobenzene-d5	5	3.5	70
Phenol-d6	5	3	59
2,4,6-Tribromophenol	5	4	79
4-Terphenyl-d14	5	5	100

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2477-MW07
Client Project ID: NV019
Lab Sample ID: G650-124-25H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

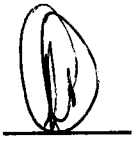
Analyzed By: DES
Date Collected: 11/29/2007 12:45
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/5/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	Unknown	12.35			12.1
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW05
Client Project ID: NV019
Lab Sample ID: G650-124-26H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/29/2007 14:03
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/5/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/5/2007	
Anthracene	BQL	10.0	1.75	1	12/5/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/5/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/5/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/5/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/5/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/5/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/5/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/5/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/5/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/5/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/5/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/5/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/5/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/5/2007	
Chrysene	BQL	10.0	1.11	1	12/5/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/5/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/5/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/5/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/5/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/5/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/5/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/5/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/5/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/5/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/5/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/5/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/5/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/5/2007	
Fluoranthene	BQL	10.0	1.41	1	12/5/2007	
Fluorene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/5/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/5/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/5/2007	
Isophorone	BQL	10.0	1.27	1	12/5/2007	
Naphthalene	BQL	10.0	1.08	1	12/5/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/5/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/5/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/5/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/5/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/5/2007	
Phenanthrene	BQL	10.0	1.38	1	12/5/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW05
Client Project ID: NV019
Lab Sample ID: G650-124-26H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/29/2007 14:03
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/5/2007	
Pyrene	BQL	10.0	2.08	1	12/5/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/5/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/5/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	3.9	77
2-Fluorophenol	5	3.3	65
Nitrobenzene-d5	5	3.6	72
Phenol-d6	5	2.9	57
2,4,6-Tribromophenol	5	4	80
4-Terphenyl-d14	5	5	100

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

SGS ENVIRONMENTAL SERVICES, INC.

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2477-MW05
Client Project ID: NV019
Lab Sample ID: G650-124-26H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

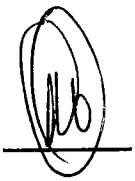
Analyzed By: DES
Date Collected: 11/29/2007 14:03
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/5/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	Unknown	12.35			11.5
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW13
Client Project ID: NV019
Lab Sample ID: G650-124-27H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/29/2007 14:01
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/5/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/5/2007	
Anthracene	BQL	10.0	1.75	1	12/5/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/5/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/5/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/5/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/5/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/5/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/5/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/5/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/5/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/5/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/5/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/5/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/5/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/5/2007	
Chrysene	BQL	10.0	1.11	1	12/5/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/5/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/5/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/5/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/5/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/5/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/5/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/5/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/5/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/5/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/5/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/5/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/5/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/5/2007	
Fluoranthene	BQL	10.0	1.41	1	12/5/2007	
Fluorene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/5/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/5/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/5/2007	
Isophorone	BQL	10.0	1.27	1	12/5/2007	
Naphthalene	BQL	10.0	1.08	1	12/5/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/5/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/5/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/5/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/5/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/5/2007	
Phenanthrene	BQL	10.0	1.38	1	12/5/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2478-MW13
Client Project ID: NV019
Lab Sample ID: G650-124-27H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/29/2007 14:01
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/5/2007	
Pyrene	BQL	10.0	2.08	1	12/5/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/5/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/5/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	3.9	78
2-Fluorophenol	5	3.3	66
Nitrobenzene-d5	5	3.6	73
Phenol-d6	5	3.2	65
2,4,6-Tribromophenol	5	4.1	82
4-Terphenyl-d14	5	5.4	109

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2478-MW13
Client Project ID: NV019
Lab Sample ID: G650-124-27H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

Analyzed By: DES
Date Collected: 11/29/2007 14:01
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/5/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	Unknown	12.35			11.7
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: USTTT2477-MW06
Client Project ID: NV019
Lab Sample ID: G650-124-28H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/29/2007 16:05
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/5/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/5/2007	
Anthracene	BQL	10.0	1.75	1	12/5/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/5/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/5/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/5/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/5/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/5/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/5/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/5/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/5/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/5/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/5/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/5/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/5/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/5/2007	
Chrysene	BQL	10.0	1.11	1	12/5/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/5/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/5/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/5/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/5/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/5/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/5/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/5/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/5/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/5/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/5/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/5/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/5/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/5/2007	
Fluoranthene	BQL	10.0	1.41	1	12/5/2007	
Fluorene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/5/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/5/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/5/2007	
Isophorone	BQL	10.0	1.27	1	12/5/2007	
Naphthalene	BQL	10.0	1.08	1	12/5/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/5/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/5/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/5/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/5/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/5/2007	
Phenanthrene	BQL	10.0	1.38	1	12/5/2007	

Results for Semivolatiles
by GCMS 625

Client Sample ID: USTTT2477-MW06
Client Project ID: NV019
Lab Sample ID: G650-124-28H
Lab Project ID: G650-124

Analyzed By: DCS
Date Collected: 11/29/2007 16:05
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/5/2007	
Pyrene	BQL	10.0	2.08	1	12/5/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/5/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/5/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	3.8	76
2-Fluorophenol	5	3.5	70
Nitrobenzene-d5	5	3.5	70
Phenol-d6	5	3	60
2,4,6-Tribromophenol	5	3.9	78
4-Terphenyl-d14	5	5.1	102

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By:

SGS

Results of Library Search for Semivolatile Compounds

by GCMS

Client Sample ID: USTTT2477-MW06
Client Project ID: NV019
Lab Sample ID: G650-124-28H
Lab Project ID: G650-124
Sample Wt/Vol: 500.0 ML
Dilution: 1

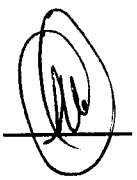
Analyzed By: DES
Date Collected: 11/29/2007 16:05
Date Received: 11/30/2007
Date Extracted: 12/4/2007
Date Analyzed: 12/5/2007
Matrix: Water

No.	Compound	Retention Time	CAS#	Match Probability	Result (ug/L)
1	Unknown	12.35			10.7
2					
3					
4					
5					
6					
7					
8					
9					
10					

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak area of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB9818
Lab Project ID:

Analyzed By: DES
Date Collected:
Date Received:
Date Extracted: 12/2/2007
Matrix: WATER

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/3/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/3/2007	
Anthracene	BQL	10.0	1.75	1	12/3/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/3/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/3/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/3/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/3/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/3/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/3/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/3/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/3/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/3/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/3/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/3/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/3/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/3/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/3/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/3/2007	
Chrysene	BQL	10.0	1.11	1	12/3/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/3/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/3/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/3/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/3/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/3/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/3/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/3/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/3/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/3/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/3/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/3/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/3/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/3/2007	
Fluoranthene	BQL	10.0	1.41	1	12/3/2007	
Fluorene	BQL	10.0	1.22	1	12/3/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/3/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/3/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/3/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/3/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/3/2007	
Isophorone	BQL	10.0	1.27	1	12/3/2007	
Naphthalene	BQL	10.0	1.08	1	12/3/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/3/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/3/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/3/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/3/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/3/2007	
Phenanthrene	BQL	10.0	1.38	1	12/3/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB9818
Lab Project ID:

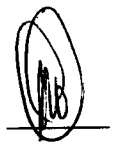
Analyzed By: DES
Date Collected:
Date Received:
Date Extracted: 12/2/2007
Matrix: WATER

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/3/2007	
Pyrene	BQL	10.0	2.08	1	12/3/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/3/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/3/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.5	85
2-Fluorophenol	10	7	70
Nitrobenzene-d5	10	8.4	84
Phenol-d6	10	8	80
2,4,6-Tribromophenol	10	7.9	79
4-Terphenyl-d14	10	9.4	94

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

Results For Matrix Spike / Matrix Spike Duplicate and Laboratory Control Standard (MS/MSD/LCS)

by GCMS

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: Batch-9818-MS/MSD/LCS
Lab Project ID: G894-36-9I
Matrix: WATER
Prep Method: 3520

Date Collected:
Date Received:
Date Extracted: 12/02/07
Date Analyzed: 12/04/07
Analyzed By: DES
Dilution: 1

	Sample Amount (µg/L)	MS Spike (µg/L)	MS Conc. (µg/L)	MS Spike % Rec.	MSD Spike (µg/L)	MSD Conc. (µg/L)	MSD Conc. % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
Acenaphthylene	BQL	200	180	89.9	200	184	91.8	2.09	30	62.0-119
4-Chloro-3-methylphenol	BQL	200	178	89.1	200	188	93.8	5.14	30	67.0-109
2-Chlorophenol	BQL	200	162	81.0	200	171	85.4	5.29	30	59.0-95.0
1,4-Dichlorobenzene	BQL	200	105	52.7	200	116	58.2	9.92	30	29.0-86.0
2,4-Dinitrotoluene	BQL	200	177	88.4	200	184	92.2	4.21	30	63.0-103
N-Nitrosodi-n-propylamine	BQL	200	172	86.0	200	175	87.6	1.84	30	67.0-107
4-Nitrophenol	BQL	200	194	97.2	200	208	104.0	6.76	30	49.0-146
Pentachlorophenol	BQL	200	147	73.6	200	152	76.0	3.21	30	43.0-106
Phenol	BQL	200	181	90.7	200	187	93.4	2.93	30	61.0-100
Pyrene	BQL	200	170	85.0	200	175	87.3	2.67	30	41.0-123
1,2,4-Trichlorobenzene	BQL	200	142	71.0	200	154	77.2	8.37	30	41.0-96.0

	Spiked Amount (µg/L)	LCS Conc. (µg/L)	LCS Spike %	QC Limits % Rec.
Acenaphthylene	100	87.4	87.4	52.1-145
4-Chloro-3-methylphenol	100	88.1	88.1	51.1-135
2-Chlorophenol	100	77.2	77.2	43.7-128
1,4-Dichlorobenzene	100	77.3	77.3	30.0-110
2,4-Dinitrotoluene	100	85.0	85.0	56.3-144
N-Nitrosodi-n-propylamine	100	84.9	84.9	55.9-143
4-Nitrophenol	100	75.4	75.4	47.8-148
Pentachlorophenol	100	65.0	65.0	43.9-118
Phenol	100	79.6	79.6	48.0-124
Pyrene	100	92.3	92.3	29.9-185
1,2,4-Trichlorobenzene	100	82.1	82.1	43.9-122

Comments:

Concentrations reflect the spiked sample amounts.

Flags:

* = Out of limits.
NA = Not applicable.

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Semivolatiles by GCMS 625

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB9836
Lab Project ID:

Analyzed By: DES
Date Collected:
Date Received:
Date Extracted: 12/4/2007
Matrix: WATER

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/4/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/4/2007	
Anthracene	BQL	10.0	1.75	1	12/4/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/4/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/4/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/4/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/4/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/4/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/4/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/4/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/4/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/4/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/4/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/4/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/4/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/4/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/4/2007	
Chrysene	BQL	10.0	1.11	1	12/4/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/4/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/4/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/4/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/4/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/4/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/4/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/4/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/4/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/4/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/4/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/4/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/4/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/4/2007	
Fluoranthene	BQL	10.0	1.41	1	12/4/2007	
Fluorene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/4/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/4/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/4/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/4/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/4/2007	
Isophorone	BQL	10.0	1.27	1	12/4/2007	
Naphthalene	BQL	10.0	1.08	1	12/4/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/4/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/4/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/4/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/4/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/4/2007	
Phenanthrene	BQL	10.0	1.38	1	12/4/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB9836
Lab Project ID:

Analyzed By: DES
Date Collected:
Date Received:
Date Extracted: 12/4/2007
Matrix: WATER

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/4/2007	
Pyrene	BQL	10.0	2.08	1	12/4/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/4/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/4/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	4	80
2-Fluorophenol	5	3.7	73
Nitrobenzene-d5	5	3.7	75
Phenol-d6	5	3.3	66
2,4,6-Tribromophenol	5	4.3	86
4-Terphenyl-d14	5	4.3	86

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

Results For Matrix Spike / Matrix Spike Duplicate and Laboratory Control Standard (MS/MSD/LCS)

by GCMS

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: Batch-9836-MS/MSD/LCS
Lab Project ID: G650-124-14H
Matrix: WATER
Prep Method: 3520

Date Collected:
Date Received:
Date Extracted: 12/04/07
Date Analyzed: 12/05/07
Analyzed By: DES
Dilution: 1

	Sample Amount (µg/L)	MS Spike (µg/L)	MS Conc. (µg/L)	MS Spike % Rec.	MSD Spike (µg/L)	MSD Conc. (µg/L)	MSD Conc. % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
Acenaphthylene	BQL	217	180	82.6	217	197	90.4	9.02	30	62.0-119
4-Chloro-3-methylphenol	BQL	217	207	95.2	217	212	97.3	2.18	30	67.0-109
2-Chlorophenol	BQL	217	181	83.3	217	175	80.3	3.67	30	59.0-95.0
1,4-Dichlorobenzene	BQL	217	110	50.7	217	155	71.2	33.6*	30	29.0-86.0
2,4-Dinitrotoluene	BQL	217	198	91.0	217	209	96.2	5.56	30	63.0-103
N-Nitrosodi-n-propylamine	BQL	217	212	97.5	217	222	102.0	4.61	30	67.0-107
4-Nitrophenol	BQL	217	237	109	217	239	110.0	0.915	30	49.0-146
Pentachlorophenol	BQL	217	164	75.5	217	173	79.6	5.29	30	43.0-106
Phenol	BQL	217	182	83.6	217	179	82.5	1.32	30	61.0-100
Pyrene	BQL	217	169	77.7	217	187	86.1	10.3	30	41.0-123
1,2,4-Trichlorobenzene	BQL	217	148	68.0	217	178	82.0	18.7	30	41.0-96.0

	Spiked Amount (µg/L)	LCS Conc. (µg/L)	LCS Spike %	QC Limits % Rec.
Acenaphthylene	100	94.2	94.2	52.1-145
4-Chloro-3-methylphenol	100	97.6	97.6	51.1-135
2-Chlorophenol	100	90.3	90.3	43.7-128
1,4-Dichlorobenzene	100	83.2	83.2	30.0-110
2,4-Dinitrotoluene	100	92.7	92.7	56.3-144
N-Nitrosodi-n-propylamine	100	90.5	90.5	55.9-143
4-Nitrophenol	100	88.6	88.6	47.8-148
Pentachlorophenol	100	76.9	76.9	43.9-118
Phenol	100	93.2	93.2	48.0-124
Pyrene	100	88.4	88.4	29.9-185
1,2,4-Trichlorobenzene	100	87.6	87.6	43.9-122

Comments:

Concentrations reflect the spiked sample amounts.

Flags:

* = Out of limits.
NA = Not applicable.

Reviewed By:

Results for Semivolatiles by GCMS 625

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB9837
Lab Project ID:

Analyzed By: DCS
Date Collected:
Date Received:
Date Extracted: 12/4/2007
Matrix: WATER

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/5/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/5/2007	
Anthracene	BQL	10.0	1.75	1	12/5/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/5/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/5/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/5/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/5/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/5/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/5/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/5/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/5/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/5/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/5/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/5/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/5/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/5/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/5/2007	
Chrysene	BQL	10.0	1.11	1	12/5/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/5/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/5/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/5/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/5/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/5/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/5/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/5/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/5/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/5/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/5/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/5/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/5/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/5/2007	
Fluoranthene	BQL	10.0	1.41	1	12/5/2007	
Fluorene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/5/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/5/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/5/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/5/2007	
Isophorone	BQL	10.0	1.27	1	12/5/2007	
Naphthalene	BQL	10.0	1.08	1	12/5/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/5/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/5/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/5/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/5/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/5/2007	
Phenanthrene	BQL	10.0	1.38	1	12/5/2007	

Results for Semivolatiles by GCMS 625

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB9837
Lab Project ID:

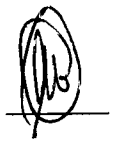
Analyzed By: DCS
Date Collected:
Date Received:
Date Extracted: 12/4/2007
Matrix: WATER

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Phenol	BQL	10.0	3.38	1	12/5/2007	
Pyrene	BQL	10.0	2.08	1	12/5/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/5/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/5/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	5	3.9	78
2-Fluorophenol	5	3.3	66
Nitrobenzene-d5	5	3.7	75
Phenol-d6	5	3.1	61
2,4,6-Tribromophenol	5	4	81
4-Terphenyl-d14	5	4.8	95

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: 

Results For Matrix Spike / Matrix Spike Duplicate and Laboratory Control Standard (MS/MSD/LCS)

by GCMS

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: Batch-9837-MS/MSD/LCS
Lab Project ID: G650-124-23H
Matrix: WATER
Prep Method: 3520

Date Collected:
Date Received:
Date Extracted: 12/04/07
Date Analyzed: 12/05/07
Analyzed By: DES
Dilution: 1

	Sample Amount (µg/L)	MS Spike (µg/L)	MS Conc. (µg/L)	MS Spike % Rec.	MSD Spike (µg/L)	MSD Conc. (µg/L)	MSD Conc. % Rec.	RPD	QC Limits RPD	QC Limits % Rec.
Acenaphthylene	BQL	217	185	84.9	217	188	86.4	1.75	30	62.0-119
4-Chloro-3-methylphenol	BQL	217	183	84.3	217	186	85.5	1.41	30	67.0-109
2-Chlorophenol	BQL	217	175	80.4	217	178	81.8	1.73	30	59.0-95.0
1,4-Dichlorobenzene	BQL	217	123	56.6	217	119	54.9	3.05	30	29.0-86.0
2,4-Dinitrotoluene	BQL	217	183	84.2	217	178	82.0	2.65	30	63.0-103
N-Nitrosodi-n-propylamine	BQL	217	198	91.2	217	196	90.0	1.32	30	67.0-107
4-Nitrophenol	BQL	217	185	85.2	217	183	84.2	1.18	30	49.0-146
Pentachlorophenol	BQL	217	165	75.8	217	165	75.9	0.132	30	43.0-106
Phenol	BQL	217	160	73.6	217	161	74.0	0.542	30	61.0-100
Pyrene	BQL	217	178	82.1	217	183	84.2	2.53	30	41.0-123
1,2,4-Trichlorobenzene	BQL	217	159	73.2	217	159	73.2	0.00	30	41.0-96.0

	Spiked Amount (µg/L)	LCS Conc. (µg/L)	LCS Spike %	QC Limits % Rec.
Acenaphthylene	100	85.7	85.7	52.1-145
4-Chloro-3-methylphenol	100	85.7	85.7	51.1-135
2-Chlorophenol	100	85.4	85.4	43.7-128
1,4-Dichlorobenzene	100	79.3	79.3	30.0-110
2,4-Dinitrotoluene	100	81.9	81.9	56.3-144
N-Nitrosodi-n-propylamine	100	92.5	92.5	55.9-143
4-Nitrophenol	100	82.2	82.2	47.8-148
Pentachlorophenol	100	77.8	77.8	43.9-118
Phenol	100	75.9	75.9	48.0-124
Pyrene	100	83.0	83.0	29.9-185
1,2,4-Trichlorobenzene	100	79.1	79.1	43.9-122

Comments:

Concentrations reflect the spiked sample amounts.

Flags:

* = Out of limits.
NA = Not applicable.

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW10
Sample Matrix	WATER
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/03/07
Date Analyzed	12/06/07 05:10 - 12/06/07 05:10
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits	
			Lower	Upper
Aliphatic (chloro-octadecane)	69.7		40	140
Aromatic (ortho-terphenyl)	65.0		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-1I	Lab Info: G650-124-1I
Aliphatic: EP120507/030F3001.D	Aromatic: EP120507/030F3001.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW11
Sample Matrix	WATER
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/03/07
Date Analyzed	12/06/07 05:38 - 12/06/07 05:38
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	77.6		40	140
Aromatic (ortho-terphenyl)	73.5		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-2I	Lab Info: G650-124-2I
Aliphatic: EP120507/031F3101.D	Aromatic: EP120507/031F3101.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW02
Sample Matrix	WATER
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/03/07
Date Analyzed	12/07/07 11:57 - 12/07/07 12:25
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	288	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	65.8		40	140
Aromatic (ortho-terphenyl)	67.9		40	140
Fractionation 1 (2-bromonaphthalene)	96.7		40	140
Fractionation 2 (2-fluorobiphenyl)	97.6		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-4J	Lab Info: G650-124-4J
Aliphatic: EP120607/043F4101.D	Aromatic: EP120607/044F4201.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW01
Sample Matrix	WATER
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/03/07
Date Analyzed	12/07/07 13:50 - 12/07/07 14:19
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	129	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	62.7		40	140
Aromatic (ortho-terphenyl)	62.8		40	140
Fractionation 1 (2-bromonaphthalene)	96.5		40	140
Fractionation 2 (2-fluorobiphenyl)	97.8		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-5H	Lab Info: G650-124-5H
Aliphatic: EP120607/047F4501.D	Aromatic: EP120607/048F4601.D

Reviewed By: 

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW14
Sample Matrix	WATER
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/03/07
Date Analyzed	12/06/07 07:02 - 12/06/07 07:02
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	76.9		40	140
Aromatic (ortho-terphenyl)	74.6		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-6H	Lab Info: G650-124-6H
Aliphatic: EP120507/034F3401.D	Aromatic: EP120507/034F3401.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW14D
Sample Matrix	WATER
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/03/07
Date Analyzed	12/07/07 12:54 - 12/07/07 13:22
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits	
			Lower	Upper
Aliphatic (chloro-octadecane)	45.9		40	140
Aromatic (ortho-terphenyl)	45.4		40	140
Fractionation 1 (2-bromonaphthalene)	91.7		40	140
Fractionation 2 (2-fluorobiphenyl)	93.8		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-7H	Lab Info: G650-124-7H
Aliphatic: EP120607/045F4301.D	Aromatic: EP120607/046F4401.D

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EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW06
Sample Matrix	WATER
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/06/07 07:30 - 12/06/07 07:30
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits	
			Lower	Upper
Aliphatic (chloro-octadecane)	86.4		40	140
Aromatic (ortho-terphenyl)	84.0		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-8I	Lab Info: G650-124-8I
Aliphatic: EP120507/035F3501.D	Aromatic: EP120507/035F3501.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW15
Sample Matrix	WATER
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/07/07 14:47 - 12/07/07 15:15
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	69.2		40	140
Aromatic (ortho-terphenyl)	67.5		40	140
Fractionation 1 (2-bromonaphthalene)	96.8		40	140
Fractionation 2 (2-fluorobiphenyl)	99.4		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-9I	Lab Info: G650-124-9I
Aliphatic: EP120607/049F4701.D	Aromatic: EP120607/050F4801.D

Reviewed By: 

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW10
Sample Matrix	WATER
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/06/07 07:58 - 12/06/07 07:58
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits	
			Lower	Upper
Aliphatic (chloro-octadecane)	87.0		40	140
Aromatic (ortho-terphenyl)	79.5		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-10I	Lab Info: G650-124-10I
Aliphatic: EP120507/036F3601.D	Aromatic: EP120507/036F3601.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW09
Sample Matrix	WATER
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/06/07 08:26 - 12/06/07 08:26
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits	
			Lower	Upper
Aliphatic (chloro-octadecane)	62.3		40	140
Aromatic (ortho-terphenyl)	61.5		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-11I	Lab Info: G650-124-11I
Aliphatic: EP120507/037F3701.D	Aromatic: EP120507/037F3701.D

Reviewed By: 

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-Duplicate
Sample Matrix	WATER
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/06/07 08:54 - 12/06/07 08:54
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	82.8		40	140
Aromatic (ortho-terphenyl)	81.4		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-12I	Lab Info: G650-124-12I
Aliphatic: EP120507/038F3801.D	Aromatic: EP120507/038F3801.D

Reviewed By: _____

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW0B10
Sample Matrix	WATER
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/07/07 15:44 - 12/07/07 17:10
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits	
			Lower	Upper
Aliphatic (chloro-octadecane)	69.2		40	140
Aromatic (ortho-terphenyl)	64.3		40	140
Fractionation 1 (2-bromonaphthalene)	91.0		40	140
Fractionation 2 (2-fluorobiphenyl)	93.1		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-13I	Lab Info: G650-124-13I
Aliphatic: EP120607/081F4901.D	Aromatic: EP120707/001F0101.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW0B01
Sample Matrix	WATER
Date Collected	11/28/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/07/07 20:29 - 12/07/07 20:58
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	223	100	

Surrogates	Percent Recovery	Flags	Limits	
			Lower	Upper
Aliphatic (chloro-octadecane)	73.0		40	140
Aromatic (ortho-terphenyl)	69.1		40	140
Fractionation 1 (2-bromonaphthalene)	91.4		40	140
Fractionation 2 (2-fluorobiphenyl)	93.0		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-14K	Lab Info: G650-124-14K
Aliphatic: EP120707/008F0801.D	Aromatic: EP120707/009F0901.D

Reviewed By: _____

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW24
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/06/07 13:08 - 12/06/07 13:08
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits	
			Lower	Upper
Aliphatic (chloro-octadecane)	77.2		40	140
Aromatic (ortho-terphenyl)	74.6		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-15I	Lab Info: G650-124-15I
Aliphatic: EP120507/047F4701.D	Aromatic: EP120507/047F4701.D

Reviewed By: 

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MWSS100
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/06/07 13:37 - 12/06/07 13:37
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits	
			Lower	Upper
Aliphatic (chloro-octadecane)	82.5		40	140
Aromatic (ortho-terphenyl)	77.4		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-16I	Lab Info: G650-124-16I
Aliphatic: EP120507/048F4801.D	Aromatic: EP120507/048F4801.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW23
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/06/07 17:19 - 12/06/07 17:19
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	79.6		40	140
Aromatic (ortho-terphenyl)	77.0		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-17I	Lab Info: G650-124-17I
Aliphatic: EP120607/003F0101.D	Aromatic: EP120607/003F0101.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MWPVC101
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/08/07 09:05 - 12/08/07 09:33
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	434	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	62.1		40	140
Aromatic (ortho-terphenyl)	57.7		40	140
Fractionation 1 (2-bromonaphthalene)	104		40	140
Fractionation 2 (2-fluorobiphenyl)	106		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-18I	Lab Info: G650-124-18I
Aliphatic: EP120707/035F3501.D	Aromatic: EP120707/036F3601.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW14
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/06/07 18:15 - 12/06/07 18:15
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	79.3		40	140
Aromatic (ortho-terphenyl)	78.0		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-19I	Lab Info: G650-124-19I
Aliphatic: EP120607/005F0301.D	Aromatic: EP120607/005F0301.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW13
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/08/07 10:01 - 12/08/07 10:30
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	65.4		40	140
Aromatic (ortho-terphenyl)	60.3		40	140
Fractionation 1 (2-bromonaphthalene)	107		40	140
Fractionation 2 (2-fluorobiphenyl)	110		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-20I	Lab Info: G650-124-20I
Aliphatic: EP120707/037F3701.D	Aromatic: EP120707/038F3801.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW17
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/06/07 19:12 - 12/06/07 19:12
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits	
			Lower	Upper
Aliphatic (chloro-octadecane)	79.6		40	140
Aromatic (ortho-terphenyl)	77.9		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-21I	Lab Info: G650-124-21I
Aliphatic: EP120607/007F0501.D	Aromatic: EP120607/007F0501.D

Reviewed By: 

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW09
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/06/07 19:40 - 12/06/07 19:40
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	73.7		40	140
Aromatic (ortho-terphenyl)	76.1		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-22J	Lab Info: G650-124-22J
Aliphatic: EP120607/008F0601.D	Aromatic: EP120607/008F0601.D

Reviewed By: 

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW19
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/08/07 10:58 - 12/08/07 11:26
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	54.4		40	140
Aromatic (ortho-terphenyl)	63.0		40	140
Fractionation 1 (2-bromonaphthalene)	105		40	140
Fractionation 2 (2-fluorobiphenyl)	108		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-23K	Lab Info: G650-124-23K
Aliphatic: EP120707/039F3901.D	Aromatic: EP120707/040F4001.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW18
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/08/07 11:54 - 12/08/07 12:22
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	65.1		40	140
Aromatic (ortho-terphenyl)	59.5		40	140
Fractionation 1 (2-bromonaphthalene)	101		40	140
Fractionation 2 (2-fluorobiphenyl)	104		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-24I	Lab Info: G650-124-24I
Aliphatic: EP120707/041F4101.D	Aromatic: EP120707/042F4201.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW07
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/06/07 21:04 - 12/06/07 21:04
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	78.7		40	140
Aromatic (ortho-terphenyl)	76.6		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-25I	Lab Info: G650-124-25I
Aliphatic: EP120607/011F0901.D	Aromatic: EP120607/011F0901.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW05
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/06/07 21:32 - 12/06/07 21:32
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	70.4		40	140
Aromatic (ortho-terphenyl)	70.7		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-26I	Lab Info: G650-124-26I
Aliphatic: EP120607/012F1001.D	Aromatic: EP120607/012F1001.D

Reviewed By:

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2478-MW13
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/04/07
Date Analyzed	12/06/07 22:00 - 12/06/07 22:00
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	67.1		40	140
Aromatic (ortho-terphenyl)	65.4		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-27I	Lab Info: G650-124-27I
Aliphatic: EP120607/013F1101.D	Aromatic: EP120607/013F1101.D

Reviewed By: 

EPH (Aliphatics/Aromatics) Laboratory Reporting Form

Client Name: Sovereign Consulting

Project Name: NV019

Sample Information	
Sample Identification	USTTT2477-MW06
Sample Matrix	WATER
Date Collected	11/29/07
Date Received	11/30/07
Date Extracted	12/05/07
Date Analyzed	12/08/07 05:50 - 12/08/07 05:50
Dry Weight	100
Dilution Factor	1 - 1
Initial Volume (mL)	500.0
Final Volume (mL)	5.0

Analytical Results			
Analytes**	Result µg/L	Report Limit µg/L	Flags
C9-C18 Aliphatics	BQL	100	
C19-C36 Aliphatics	BQL	100	
C11-C22 Aromatics	BQL	100	

Surrogates	Percent Recovery	Flags	Limits Lower	Limits Upper
Aliphatic (chloro-octadecane)	79.0		40	140
Aromatic (ortho-terphenyl)	77.9		40	140

** = Excludes any surrogates or internal standards and are unadjusted for individual analytes.

Lab Info: G650-124-28I	Lab Info: G650-124-28I
Aliphatic: EP120707/028F2801.D	Aromatic: EP120707/028F2801.D

Reviewed By:

Attachment 3

EPH Laboratory Reporting Form

Calibration and QA/QC Information

Initial Calibration Date: 10/25/07

Calibration Ranges and Limits

Range	MDL (10/17/06) (µg/L)	MDL (10/17/06) (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C9-C18 Aliphatics	28.1	0.847	89	2.69	100	10
C19-C36 Aliphatics	36.5	1.17	116	3.72	100	10
C11-C22 Aromatics	27.6	9.47	87.8	30.1	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_9-C_{18} Aliphatics	400	12.5	16.84	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		
C_{19}-C_{36} Aliphatics	400	12.5	9.14	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		
C_{11}-C_{22} Aromatics	400	12.5	2.74	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		

Calibration Check Date: 12/05/07, 12/06/07

Filenames: ep120507/021f2101.d, ep120507/022f2201.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C9-C18 Aliphatics	200	6.25	6.5	≤±25%
C19-C36 Aliphatics	200	6.25	7.5	≤±25%
C11-C22 Aromatics	200	6.25	1.0	≤±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 3

EPH Laboratory Reporting Form

Calibration and QA/QC Information

Initial Calibration Date: 10/25/07

Calibration Ranges and Limits

Range	MDL (10/17/06) (µg/L)	MDL (10/17/06) (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C9-C18 Aliphatics	28.1	0.847	89	2.69	100	10
C19-C36 Aliphatics	36.5	1.17	116	3.72	100	10
C11-C22 Aromatics	27.6	9.47	87.8	30.1	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_9-C_{18} Aliphatics	400	12.5	16.84	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		
C_{19}-C_{36} Aliphatics	400	12.5	9.14	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		
C_{11}-C_{22} Aromatics	400	12.5	2.74	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		

Calibration Check Date: 12/06/07
12/06/07

Filenames: ep120607/001f0101.d
ep120607/002f0201.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C9-C18 Aliphatics	200	6.25	3.0	≤±25%
C19-C36 Aliphatics	200	6.25	3.1	≤±25%
C11-C22 Aromatics	200	6.25	-1.9	≤±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 3

EPH Laboratory Reporting Form

Calibration and QA/QC Information

Initial Calibration Date: 10/25/07

Calibration Ranges and Limits

Range	MDL (10/17/06) (µg/L)	MDL (10/17/06) (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C9-C18 Aliphatics	28.1	0.847	89	2.69	100	10
C19-C36 Aliphatics	36.5	1.17	116	3.72	100	10
C11-C22 Aromatics	27.6	9.47	87.8	30.1	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_9-C_{18} Aliphatics	400	12.5	16.84	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		
C_{19}-C_{36} Aliphatics	400	12.5	9.14	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		
C_{11}-C_{22} Aromatics	400	12.5	2.74	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		

Calibration Check Date: 12/06/07, 12/07/07

Filenames: ep120607/024f2201.d, ep120607/025f2301.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C9-C18 Aliphatics	200	6.25	6.7	≤±25%
C19-C36 Aliphatics	200	6.25	7.2	≤±25%
C11-C22 Aromatics	200	6.25	3.5	≤±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 3

EPH Laboratory Reporting Form

Calibration and QA/QC Information

Initial Calibration Date: 10/25/07

Calibration Ranges and Limits

Range	MDL (10/17/06) (µg/L)	MDL (10/17/06) (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C9-C18 Aliphatics	28.1	0.847	89	2.69	100	10
C19-C36 Aliphatics	36.5	1.17	116	3.72	100	10
C11-C22 Aromatics	27.6	9.47	87.8	30.1	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_9-C_{18} Aliphatics	400	12.5	16.84	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		
C_{19}-C_{36} Aliphatics	400	12.5	9.14	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		
C_{11}-C_{22} Aromatics	400	12.5	2.74	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		

Calibration Check Date: 12/07/07, 12/08/07

Filenames: ep120707/029f2901.d, ep120707/030f3001.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C9-C18 Aliphatics	200	6.25	8.0	≤±25%
C19-C36 Aliphatics	200	6.25	6.2	≤±25%
C11-C22 Aromatics	200	6.25	-1.6	≤±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

Attachment 3

EPH Laboratory Reporting Form

Calibration and QA/QC Information

Initial Calibration Date: 10/25/07

Calibration Ranges and Limits

Range	MDL (10/17/06) (µg/L)	MDL (10/17/06) (mg/Kg)	ML (µg/L)	ML (mg/Kg)	RL (µg/L)	RL (mg/Kg)
C9-C18 Aliphatics	28.1	0.847	89	2.69	100	10
C19-C36 Aliphatics	36.5	1.17	116	3.72	100	10
C11-C22 Aromatics	27.6	9.47	87.8	30.1	100	10

Calibration Concentration Levels

Range	Levels (µg/L)	Levels (mg/Kg)	%RSD if CF r if LR	Method of Quantitation
C_9-C_{18} Aliphatics	400	12.5	16.84	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		
C_{19}-C_{36} Aliphatics	400	12.5	9.14	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		
C_{11}-C_{22} Aromatics	400	12.5	2.74	Calibration Factor
	200	6.25		
	100	3.13		
	50	1.56		
	10	0.313		

Calibration Check Date: 12/07/07, 12/08/07

Filenames: ep120707/085f6501.d, ep120707/086f6601.d

Calibration Check

Range	Levels (µg/L)	Levels (mg/Kg)	%Difference if CF %Drift if LR	Limits
C9-C18 Aliphatics	200	6.25	2.8	≤±25%
C19-C36 Aliphatics	200	6.25	-1.5	≤±25%
C11-C22 Aromatics	200	6.25	-2.8	≤±25%

MDL = Method Detection Limit
ML = Minimum Limit
RL = Reportable Limit
RPD = Relative Percent Difference
%RSD = Percent Relative Standard Deviation
CCC = Correlation Coefficient of Curve

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(1)
CLIENT: Sovereign Consulting
CONTACT: Chris Murray PHONE NO:(757 777-8982
PROJECT: NV019 SITE/PWSID#: Bldg 2477/2478
REPORTS TO: Chris Murray E-MAIL: cmurry@sovcon.com
FAX NO.:( )
INVOICE TO: C. Muirray QUOTE #
425 Oak Mears Cresent Suite 1 P.O. NUMBER NV019
VA Beach VA 23462

SGS Reference: 0650-124

PAGE 1 OF 3

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP G=GRAB)	Preservatives Used	HCl	HCL	None	HCL						REMARKS
							Analysis Required (3)	602 + Xylenes	VPH	625 + TICs	EPH						
	USTTT2477-MW10	11/28/07	0755	GW	7	G		3	2	1	1						
	USTTT2477-MW11	11/28/07	0804	GW	7	G		3	2	1	1						
	~~USTTT2477-~~ Trip blank	11/28/07	0850	TB	2	G		2		X	X	DO NOT Receive					1 Vial For Trip Blank 11/30/07
	USTTT2477-MW02	11/28/07	0914	GW	7	G		3	2	1	1						
1	USTTT2477-MW07	11/28/07	0919	GW	7	G		3	2	1	1						
	USTTT2478-MW14	11/28/07	1014	GW	7	G		3	2	1	1						
	USTTT2478-MW14D	11/28/07	1050	GW	7	G		3	2	1	1						
	USTTT2478-MW01	11/28/07	1140	GW	7	G		3	2	1	1						
	USTTT2478-MW15	11/28/07	1144	GW	7	G		3	2	1	1						
	USTTT2478-MW10	11/28/07	1404	GW	7	G		3	2	1	1						

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:	Date	Time
Amy Weir	11/30/07	1130		11/30/07	1130
Relinquished By: (2)	Date	Time	Received By:	Date	Time
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)

Shipping Carrier:
Shipping Ticket No:
Special Deliverable Requirements: EDD Format

Samples Received Cold? (Circle) YES NO
Temperature]C: 5.8, 5.2, 5.4°C, 5.4
Chain of Custody Seal: (Circle) 5.1, 5.3, 5.5, 5.4
INTACT BROKEN ABSENT

Special Instructions:
Email results "EDD Format" to:
cmurray@sovcon.com / aweir@sovcon.com

Requested Turnaround Time:
☐ RUSH _____ Date Needed ☑ STD

N.C. CERTIFICATION #481

SGS ENVIRONMENTAL SERVICES, INC.

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557
❑ 1270 Greenbrier Street **Charleston, WV 25311** Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

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(1) CLIENT: Sovereign Consulting
CONTACT: Chris Murray PHONE NO: (757) 777-8982
PROJECT: NV019 SITE/PWSID#: Bldg 2477/2477
REPORTS TO: Chris Murray E-MAIL: cmurray@soucon.com
FAX NO.: ( )
INVOICE TO: C Murray 425 Oak Mears Crescent Suite 1 VA Beach VA 23462 QUOTE #
P.O. NUMBER NV019

SGS Reference: 6650724

PAGE 2 OF

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP G=GRAB)	Preservatives Used										REMARKS
							Analysis Required (3)	602 + xylenes	VPH	625 + TICs	EPH						
	USTTT2478-MW09	11/28/07	1346	GW	7	G		3	2	1	1						
	USTTT2478-Duplicate	11/28/07		GW	7	G		3	2	1	1						
	USTTT2477-MW08B10	11/28/07	1520	GW	7	G		3	2	1	1						
	USTTT2477-MW08B01	11/28/07	1522	GW	7	G		3	2	1	1						
	USTTT2478-MW24	11/29/07	0739	GW	7	G		3	2	1	1						
	USTTT2478-MWSS100	11/29/07	0740	GW	7	G		3	2	1	1						
	USTTT2478-MW23	11/29/07	0839	GW	7	G		3	2	1	1						
	USTTT2478-MWPVC101	11/29/07	0838	GW	7	G		3	2	1	1						
	USTTT2477-MW14	11/29/07	0949	GW	7	G		3	2	1	1						
	USTTT2477-MW13	11/29/07	0946	GW	7	G		3	2	1	1						

(5)

Relinquished By:	Date	Time	Received By:	Date	Time
Collected/Relinquished By:(1) Amy Weir	11/30/07	1130		11/30/07	1130
Relinquished By: (2)	Date	Time	Received By:	Date	Time
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)

Shipping Carrier:
Shipping Ticket No:
Special Deliverable Requirements: EDD Format

Samples Received Cold? (Circle) YES NO
Temperature °C: 5.2, 5.8, 5.4°C, 5.4
Chain of Custody Seal: (Circle) 5.1, 5.3, 5.5, 5.4
INTACT BROKEN ABSENT

Special Instructions: Email results "EDD Format" to cmurray@soucon.com / aweir@soucon.com

Requested Turnaround Time:
☐ RUSH _____ Date Needed ☐ STD

N.C. CERTIFICATION #481

SGS ENVIRONMENTAL SERVICES, INC.

☐ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
☐ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557
☐ 1270 Greenbrier Street **Charleston, WV 25311** Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

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CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

Locations Nationwide
- Alaska
- Hawaii
- Ohio
- Maryland
- New Jersey
- North Carolina
- West Virginia

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0777

SGS

(1)

CLIENT: Sovereign Consulting
CONTACT: Chris Murray
PHONE NO:(757 777-8982
PROJECT: NUO19
SITE/PWSID#: Bldg 2477/2478
REPORTS TO: Chris Murray
E-MAIL: cmurray@soucon.com
FAX NO.:( )
INVOICE TO: Chris Murray 425 Oak Near Crescent VA Beach, VA 23462
QUOTE #
P.O. NUMBER NUO19

SGS Reference: G650-124

PAGE 3 OF 3

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP G=GRAB)	Preservatives Used	HCl	HCl/none	HCl						REMARKS
							Analysis Required (3)	602 + Xylenes	VPH	625 + TICs	EPH					
	USTTT2478-MW17	11/29/07	1039	GW	7	G		3	2	1	1					
	USTTT2477-MW09	11/29/07	1038	GW	7	G		3	2	1	1					
	USTTT2478-MW19	11/29/07	1132	GW	7	G		3	2	1	1					
	USTTT2478-MW18	11/29/07	1130	GW	7	G		3	2	1	1					
	USTTT2477-MW07	11/29/07	1245	GW	7	G		3	2	1	1					
	USTTT2477-MW05	11/29/07	1403	GW	7	G		3	2	1	1					
	USTTT2478-MW13	11/29/07	1401	GW	7	G		3	2	1	1					
	USTTT2477-MW06	11/29/07	1605	GW	7	G		3	2	1	1					

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:	Date	Time
[signature]	11/30/07	1130	[signature]	11/30/07	1130
Relinquished By: (2)	Date	Time	Received By:	Date	Time
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)

Shipping Carrier:
Shipping Ticket No:
Special Deliverable Requirements: EDD Format

Samples Received Cold? (Circle) YES NO
Temperature °C: 5.8, 5.2, 5.4°C, 5.4°C, 5.1, 5.3, 5.4°C
Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions: See pg 1

Requested Turnaround Time:
☐ RUSH _____ Date Needed ☐ STD

N.C. CERTIFICATION #481

SGS ENVIRONMENTAL SERVICES, INC.

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❑ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557
❑ 1270 Greenbrier Street **Charleston, WV 25311** Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

APPENDIX C

FIELD DATA

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Locations Nationwide
- Alaska
- Ohio
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

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077708

(1)

CLIENT: Sovereign Consulting

CONTACT: Chris Murray PHONE NO:(757) 727-8982

PROJECT: NV019 SITE/PWSID# : Bldg 2427/2427

REPORTS TO: Chris Murray E-MAIL: cmurray@sovcon.com

INVOICE TO: C. Murray FAX NO.:( )

125 Oak Marsh Crescent Suite 1 QUOTE #

Yorktown VA 23693 P.O. NUMBER NV019

SGS Reference:

PAGE 1 OF 3

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP G=GRAB)	Preservatives Used	HCl	HCl	None	HCl							Analysis Required (3)	REMARKS
	USTTT2477-MW10	11/27/07	0755	GW	7	C		3	2	1	1								
	USTTT2477-MW11	11/27/07	0804	GW	7	C		3	2	1	1								
	USTTT2477-Trip Blank	11/27/07	0850	TB	2	C		2		1	1								
	USTTT2477-MW02	11/27/07	0919	GW	7	C		3	2	1	1								
	USTTT2477-MW07	11/27/07	0919	GW	7	C		3	2	1	1								
	USTTT2478-MW14	11/27/07	1014	GW	7	C		3	2	1	1								
	USTTT2478-MW20	11/27/07	1050	GW	7	C		3	2	1	1								
	USTTT2478-MW06	11/27/07	1140	GW	7	C		3	2	1	1								
	USTTT2478-MW15	11/27/07	1144	GW	7	C		3	2	1	1								
	USTTT2478-MW10	11/28/07	1404	GW	7	C		3	2	1	1								

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:	Date	Time
[illegible]	11/30/07	1130	[signature]	11/30/07	1130
Relinquished By: (2)	Date	Time	Received By:	Date	Time
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature °C: 5.5 5.2 5.0

Special Deliverable Requirements:

EDD Format

Chain of Custody Seal: (Circle)

INTACT BROKEN ABSENT

Special Instructions:

Email results + EDD format to: cmurray@sovcon.com / nweir@sovcon.com

Requested Turnaround Time:

☐ RUSH _____ Date Needed ☐ STD

☐ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
☐ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557
☐ 1270 Greenbrier Street **Charleston, WV 25311** Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

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SGS Environmental Services Inc.

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- Hawaii
- Maryland
- North Carolina

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077709

(1) CLIENT: Sovereign Consulting
CONTACT: Chris Murray — PHONE NO: (757) 777-8912
PROJECT: NV019 — SITE/PWSID#: Bldg 2477/2478
REPORTS TO: Chris Murray — E-MAIL: cmurray@soucon.com
FAX NO.: ( )
INVOICE TO: C. Murray, 425 Oak Mears Crescent Suite ?, VA Beach VA 23462 — QUOTE #:
P.O. NUMBER: NV019

SGS Reference:

PAGE 2 OF 3

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	6002 + xylenes (HCl)	VPH (HCl)	625 + TICs (none)	EPH (HCl)						REMARKS
	USTTT2478-MW09	11/27/07	1346	GW	7	G	3	2	1	1						
	USTTT2478-Duplicate	11/28/07		GW	7	G	3	2	1	1						
	USTTT2477-MW0B10	11/28/07	1520	GW	7	G	3	2	1	1						
	USTTT2477-MW0B01	11/28/07	1522	GW	7	G	3	2	1	1						
	USTTT2478-MW24	11/29/07	0739	GW	7	G	3	2	1	1						
	USTTT2478-MWSS100	11/29/07	0740	GW	7	G	3	2	1	1						
	USTTT2478-MW23	11/29/07	0839	GW	7	G	3	2	1	1						
	USTTT2478-MWNC101	11/29/07	0838	GW	7	G	3	2	1	1						
	USTTT2477-MW14	11/29/07	0949	GW	7	G	3	2	1	1						
	USTTT2477-MW13	11/29/07	0946	GW	7	G	3	2	1	1						

(3)

(5)

	Date	Time	Received By:	Date	Time
Collected/Relinquished By: (1) [signature]	11/30/07	1130	[signature]	11/30	1130
Relinquished By: (2)	Date	Time	Received By:	Date	Time
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)
Shipping Carrier:
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature °C: 5.2, 5.8, 5.4
Special Deliverable Requirements: EDD Format
Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT
Special Instructions: Email results EDD format to cmurray@soucon.com / awei@soucon.com
Requested Turnaround Time:
☐ RUSH ____________ Date Needed ☐ STD

☐ 200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
☐ 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557
☐ 1270 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

SGS

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SGS Environmental Services Inc.

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077706

SGS Reference:

PAGE 3 OF 3

1

CLIENT: [illegible] Consulting

CONTACT: Chris Murray

PHONE NO: ([illegible]) [illegible]

PROJECT: UU019

SITE/PWSID#: [illegible]

REPORTS TO: [illegible] Murray

E-MAIL: [illegible]

FAX NO.: ( )

INVOICE TO: [illegible]

QUOTE #

P.O. NUMBER: UU019

2 **3**

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C= COMP G= GRAB	8260 + Xylenes	VPH	625 + TICs	EPH						REMARKS
	Preservatives Used						HCl	[illegible]	[illegible]	HCl						
	USTTT2478-MW17	11/29/07	1039	GW	7	G	3	2	1	1						
	USTTT2477-MW109	11/29/07	1038	GW	7	G	3	2	1	1						
	USTTT2478-MW19	11/29/07	1132	GW	7	G	3	2	1	1						
	USTTT2478-MW18	11/29/07	1130	GW	7	G	3	2	1	1						
	USTTT2477-MW07	11/29/07	1245	GW	7	G	3	2	1	1						
	USTTT2477-MW05	11/29/07	1403	GW	7	G	3	2	1	1						
	USTTT2478-MW13	11/29/07	1401	GW	7	G	3	2	1	1						
	USTTT2477-MW06	11/29/07	1605	GW	7	G	3	2	1	1						

5

	Date	Time	Received By:	Date	Time
Collected/Relinquished By:(1) [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Relinquished By: (2)					
Relinquished By: (3)					
Relinquished By: (4)					

4

Shipping Carrier:

Shipping Ticket No:

Special Deliverable Requirements: EDD Format

Special Instructions: Several

Requested Turnaround Time:

☐ RUSH ______ Date Needed ☐ STD

Samples Received Cold? (Circle) YES NO

Temperature °C: [illegible]

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

☐ 200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
☐ 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557
☐ 1270 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

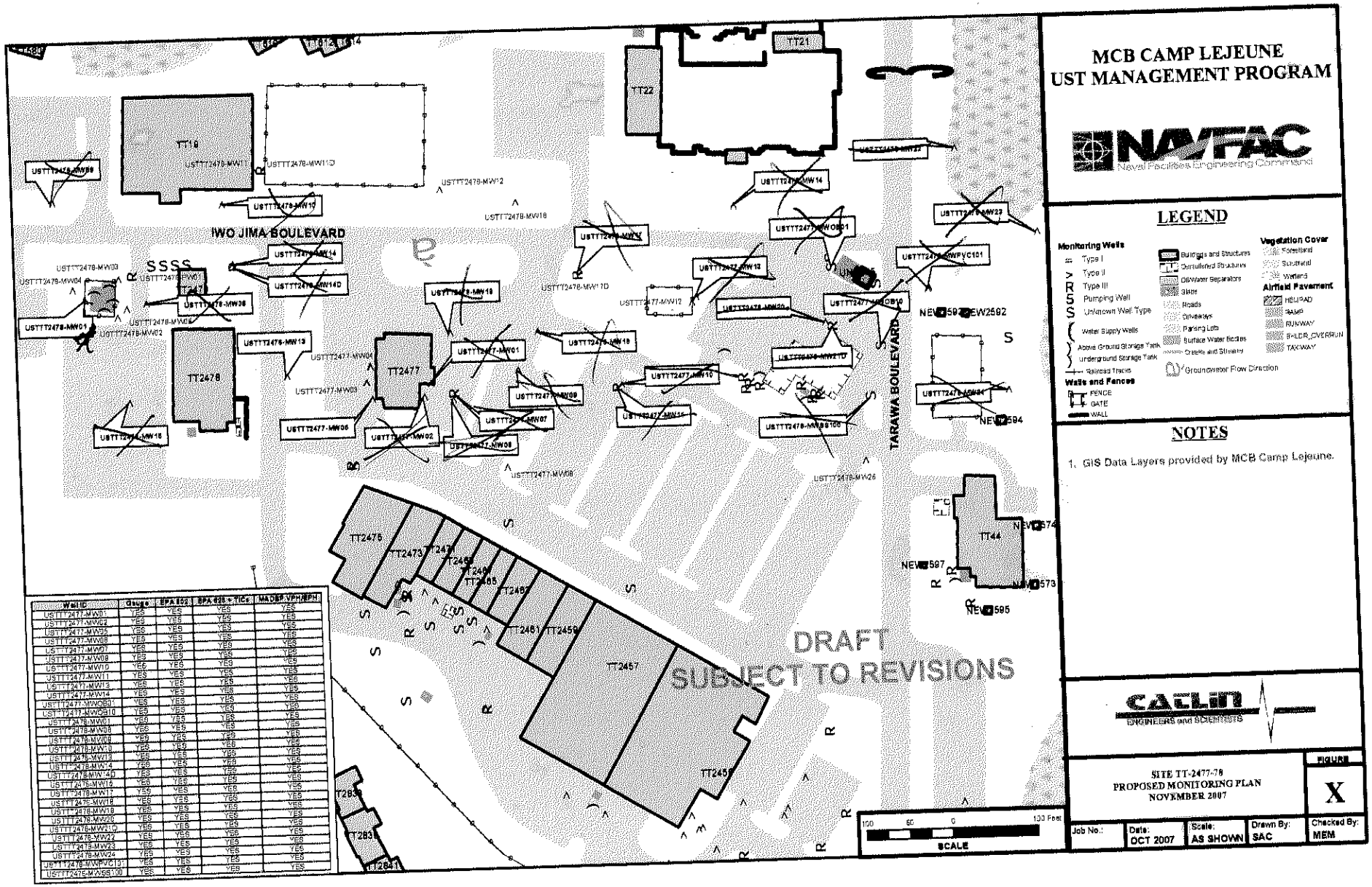
GROUNDWATER MONITORING WELL GAUGING DATA

Date: 11/27/07
SITE: TT2477/78
MCB Camp LeJeune and New River MCAS
Gauged By: AW/KR

WELL NUMBER	DEPTH TO BOTTOM MEASURED FROM TOC		TIME OF GAUGING	DEPTH TO WATER FROM TOP OF CASING	DEPTH TO LNAPL FROM TOP OF CASING	LNAPL THICKNESS	COMMENTS
	Installed	Measured					
UST TT2477							
MW01		19.00	14:02	15.39	~	—	strong odor
MW02		19.00	13:57	15.56	—	—	strong odor
MW05		20.00	14:46	14.91	—	—	
MW06		32.00	13:47	15.20	—	—	
MW07		50.0	13:52	14.62	—	—	
MW09		22.50	13:43	16.51	—	—	
MW10		22.10	13:24	17.89	—	—	
MW11		50.5	13:29	16.99	—	—	
MW13		22.20	13:19	18.36	—	—	
MW14		21.30	13:15	15.31	—	—	
MW08B01		28.4	12:42	20.92	—	—	
MW08B10		39.00	12:38	11.57	—	—	
UST TT2478							
MW01		15.70	14:29	13.62	—	—	
MW06		20.5	14:21	13.55	—	—	
MW09		24.70	14:35	11.77	—	—	
MW10		25.00	14:40	13.32	—	—	
MW13		17.96	14:10	14.08	—	—	
MW14		18.01	14:17	13.29	—	—	
MW14D		50.00	14:14	12.84	—	—	
MW15		17.50	14:25	13.29	—	—	
MW17		21.80	13:35	16.55	~	—	
MW18		22.10	13:39	16.80	—	—	

UST T2478

WELL NUMBER	DEPTH TO BOTTOM MEASURED FROM TOC		TIME OF GAUGING	DEPTH TO WATER FROM TOP OF CASING	DEPTH TO LNAPL FROM TOP OF CASING	LNAPL THICKNESS	COMMENTS
	Installed	Measured					
MW19		20.00	14:05	15.59	—	—	Trailer parker over wells
MW20		—	—	—	—	—	
MW21D		—	—	—	—	—	well dry
MW22		16.90	13:00	DRY	—	—	
MW23		22.10	12:50	16.63	—	—	
MW24		23.10	12:56	17.34	—	—	
MWPVC101		30.00	12:47	20.76	—	—	
MWSS100		22.50	13:05	18.68	—	—	



Well ID	Gauge	EPA 602	EPA 625 + TICs	MADEP VPH/EPH
USTTT2477-MW01	YES	YES	YES	YES
USTTT2477-MW02	YES	YES	YES	YES
USTTT2477-MW03	YES	YES	YES	YES
USTTT2477-MW08	YES	YES	YES	YES
USTTT2477-MW07	YES	YES	YES	YES
USTTT2477-MW08	YES	YES	YES	YES
USTTT2477-MW10	YES	YES	YES	YES
USTTT2477-MW11	YES	YES	YES	YES
USTTT2477-MW12	YES	YES	YES	YES
USTTT2477-MW14	YES	YES	YES	YES
USTTT2477-MWOB01	YES	YES	YES	YES
USTTT2477-MWOB10	YES	YES	YES	YES
USTTT2478-MW01	YES	YES	YES	YES
USTTT2478-MW03	YES	YES	YES	YES
USTTT2478-MW09	YES	YES	YES	YES
USTTT2478-MW11	YES	YES	YES	YES
USTTT2478-MW12	YES	YES	YES	YES
USTTT2478-MW14	YES	YES	YES	YES
USTTT2478-MW15	YES	YES	YES	YES
USTTT2478-MW17	YES	YES	YES	YES
USTTT2478-MW18	YES	YES	YES	YES
USTTT2478-MW19	YES	YES	YES	YES
USTTT2478-MW20	YES	YES	YES	YES
USTTT2478-MW22	YES	YES	YES	YES
USTTT2478-MW23	YES	YES	YES	YES
USTTT2478-MW24	YES	YES	YES	YES
USTTT2478-MWPVC101	YES	YES	YES	YES
USTTT2475-MW39	YES	YES	YES	YES

MCB CAMP LEJEUNE
UST MANAGEMENT PROGRAM

NAVFAC
Naval Facilities Engineering Command

LEGEND

Monitoring Wells
- Type I
- Type II
- Type III
- Pumping Well
- Unknown Well Type

Water Supply Wells
Above Ground Storage Tank
Underground Storage Tank
Railroad Tracks

Walls and Fences
- FENCE
- GATE
- WALL

Buildings and Structures
Demolished Structures
Oil/Water Separators
Slabs
Roads
Driveways
Parking Lots
Surface Water Bodies
Creeks and Streams
Groundwater Flow Direction

Vegetation Cover
- Forestland
- Scrubland
- Wetland

Airfield Pavement
- HELIPAD
- RAMP
- RUNWAY
- SHLDR_OVERRUN
- TAXIWAY

NOTES

1. GIS Data Layers provided by MCB Camp Lejeune.

CAMLIN
ENGINEERS and SCIENTISTS

SITE TT-2477-78
PROPOSED MONITORING PLAN
NOVEMBER 2007

FIGURE
X

Job No.:	Date:	Scale:	Drawn By:	Checked By:
	OCT 2007	AS SHOWN	SAC	MEM

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477178
Date: 11/29/07
Weather: Overcast 65°

Well ID: USTT2477-MW05
Sample ID: USTT2477-MW05
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 14.91
Product Thickness (feet): —
Total Depth from TOC (feet): 20.00

Water Column (feet): 5.09
Casing Volume (gal): .829
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/29/07 1337
Total Volume Purged (gal): 2.0
Sample Time/Date: 11/29/07 1403
Sampler Name: A. Weaver/K. Riggs

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1337	500	0					9.76 NM		
1346	500	0.5	4.50	78	23.23	1.90	437	437	
1349	500		4.49	77	23.17	1.88	5.35	448	
1352	500	1.0	4.49	77	23.08	1.85	1.76	453	
1355	500		4.50	76	23.11	1.85	1.75	458	
1358	500	2.0	4.50	76	23.10	1.85	1.76	461	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477.78
Date: 11/29/07
Weather: cloudy 50s

Well ID: USTT2477-MW06
Sample ID: USTT2477-MW06
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 6" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 15.20
Product Thickness (feet): —
Total Depth from TOC (feet): 32.0

Water Column (feet): 16.8
Casing Volume (gal): 24.168
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/29/07 1151
Total Volume Purged (gal): 25.0
Sample Time/Date: 11/29/07 1605
Sampler Name: A.Weir/KRiggs

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1151	500	0							
1347	500	—	4.50	115	23.20	0.59	2.31	436	
1350	500	24.0	4.49	115	23.18	0.59	2.03	437	
1353	500	—	4.47	115	23.01	0.60	1.21	442	
1356	500	—	4.46	115	23.07	0.59	1.20	447	
1359	500	25.0	4.44	116	23.20	0.60	1.20	450	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477178
Date: 11/29/07
Weather: cloudy - 50s

Well ID: USTTT2478-MW18
Sample ID: USTTT2478-MW18
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 16.80
Product Thickness (feet): —
Total Depth from TOC (feet): 22.10

Water Column (feet): 5.3
Casing Volume (gal): 0.864
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/29/07 1102
Total Volume Purged (gal): 2.0
Sample Time/Date: 11/29/07 1130
Sampler Name: A.Weir | K.Riggs

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1102	500	0							
1111	500	0.5	5.12	111	23.56	0.68	15.9	373	
1114	500		5.19	111	23.49	0.56	11.7	369	
1117	500	1.25	5.24	111	23.56	0.54	10.6	366	
1120	500		5.21	112	23.67	0.50	10.7	364	
1123	500	2.0	5.25	113	23.71	0.51	9.7	363	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477178
Date: 11/29/07
Weather: cloudy-50s

Well ID: UST TT2477-MW09
Sample ID: UST TT2477-MW09
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 16.51
Product Thickness (feet): —
Total Depth from TOC (feet): 22.50

Water Column (feet): 5.99
Casing Volume (gal): 0.976
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/29/07 1014
Total Volume Purged (gal): 2.0
Sample Time/Date: 11/29/07 1038
Sampler Name: A.Weir/KRiggs

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1014	500	0							
1020	500	0.5	5.33	86	22.99	1.01	80.4	339	
1023	500		5.23	84	23.05	0.91	50.1	342	
1026	500	1.0	5.15	87	22.93	0.87	42.9	343	
1029	500		5.13	88	22.92	0.83	45.3	341	
1032	500	2.0	5.13	90	23.13	0.84	43.7	341	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477|78
Date: 11|29|07
Weather: cloudy + 50s

Well ID: UST TT2477-MW13
Sample ID: UST TT2477-MW13
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 18.36
Product Thickness (feet): —
Total Depth from TOC (feet): 22.20

Water Column (feet): 3.84
Casing Volume (gal): 0.626
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11|29|07 0918
Total Volume Purged (gal): 1.5
Sample Time/Date: 11|29|07, 0946
Sampler Name: A.Weir | KRiggs

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
0918	475	0							
0928	475	0.5	4.81	127	20.37	0.54	4.32	250	
0931	475	—	4.72	126	20.52	0.43	4.21	246	
0934	475	1.0	4.70	124	20.55	0.42	3.31	239	
0937	475	—	4.68	123	20.52	0.40	3.30	233	
0940	475	1.5	4.69	123	20.63	0.40	3.31	230	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477178
Date: 11/29/07
Weather: cloudy 50s

Well ID: UST TT2478-MW PVC 101
Sample ID: UST TT2478-MW PVC 101
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 4" Standpipe
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 20.76
Product Thickness (feet): —
Total Depth from TOC (feet): 30.00

Water Column (feet): 9.24
Casing Volume (gal): 1.506
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/29/07 0805
Total Volume Purged (gal): 3.0
Sample Time/Date: 11/29/07 0839
Sampler Name: A. Weir / K. Riggs

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
0805	500	0							
0817	500	1.0	6.50	218	21.20	0.58	1.98	-112.3	
0820	500	—	6.52	220	21.18	0.55	1.91	-115	
0823	500	2.0	6.52	221	21.30	0.52	1.79	-111	
0826	500	—	6.53	219	21.11	0.52	2.14	-105	
0829	500	—	6.53	218	20.96	0.53	2.10	-109	
0832	500	3.0	6.54	219	21.07	0.52	2.11	-106	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT 2477 | 78
Date: 11/29/07
Weather: rain 40s

Well ID: UST TT 2478-MWSS100
Sample ID: USTTT2478-MWSS100
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 18.68
Product Thickness (feet): —
Total Depth from TOC (feet): 22.50

Water Column (feet): 3.82
Casing Volume (gal): 0.623
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/29/07 0709
Total Volume Purged (gal): 2.0
Sample Time/Date: 11/29/07 0740
Sampler Name: A.Weir | K.Riggs

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
0709	500	0							
0716	500	0.5	5.61	83	21.16	0.74	21.8	350.9	
0719	500	—	5.53	79	19.79	0.77	15.8	350.2	
0722	500	—	5.47	79	19.86	0.70	17.0	352.4	
0725	500	—	5.44	79	19.74	0.68	10.9	354.9	
0728	500	—	5.41	78	19.85	0.68	9.93	354.7	
0731	500	2.0	5.41	78	19.76	0.69	9.89	354.7	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477178
Date: 11/29/07
Weather: Overcast & 40°

Well ID: USTTT2478-MW13
Sample ID: USTTT2478-MW13
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 14.08
Product Thickness (feet): —
Total Depth from TOC (feet): 17.96

Water Column (feet): 3.88
Casing Volume (gal): .632
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/29/07 1339
Total Volume Purged (gal): 1.50
Sample Time/Date: 11/29/07 1401
Sampler Name: MK AW

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1339	325	0							
1349	325	.25	4.98	.113	22.90	3.55	31.6	222.1	
1352	325	—	4.86	.110	22.79	3.31	28.1	220.5	
1355	325	—	4.80	.110	22.82	3.22	13.9	220.6	
1358	325	—	4.79	.110	22.78	3.10	9.56	221.1	
1401	325	1.50	4.80	.110	22.81	3.10	7.91	221.1	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477|78
Date: 11/29/07
Weather: Overcast 45°

Well ID: USTTT2477-MW07
Sample ID: USTTT2477-MW07
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 14.62
Product Thickness (feet): —
Total Depth from TOC (feet): 50.00

Water Column (feet): 35.38
Casing Volume (gal): 5.79
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/29/07 1145
Total Volume Purged (gal): 6.0
Sample Time/Date: 11/29/07 1245
Sampler Name: KW

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1145	500	0							
1230	500	4.5							
1233	500		7.09	.504	21.46	1.01	4.52	-79.9	
1236	500	—	7.08	.504	21.46	0.50	5.59	-84.3	
1239	500	5.5	7.08	.507	21.43	0.39	6.18	-85.7	
1242	500	—	7.08	.507	21.50	0.36	5.90	-86.9	
1245	500	6.0	7.08	.508	21.56	0.35	8.82	-84.2	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477|78
Date: 11/29/07
Weather: Overcast ~ 45°

Well ID: UST TT2478-MW19
Sample ID: UST TT2478-MW19
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): –
Initial Depth to Water from TOC (feet): 15.59
Product Thickness (feet): –
Total Depth from TOC (feet): 20.00

Water Column (feet): 4.41
Casing Volume (gal): .72
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/29/07 1103
Total Volume Purged (gal): 2.15
Sample Time/Date: 11/29/07 1132
Sampler Name: KR AW

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1103	400	0							
1118	400	1.0	5.98	.254	23.11	0.60	2.11	-72.0	Slight odor
1121	400	—	6.07	.261	23.25	0.47	6.41	-76.1	
1124	400	—	6.12	.265	23.27	0.44	6.90	-81.6	
1127	400	—	6.14	.269	23.32	0.41	5.11	-29.9	
1129	400	2.0	6.11	.264	23.42	0.40	3.91	-80.4	
1132	400	2.15	6.13	.269	23.43	0.38	2.81	-86.7	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477178
Date: 1112907
Weather: Rainy & 40°

Well ID: USTTT2478-MW17
Sample ID: USTTT2478-MW17
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): NNM 16.55
Product Thickness (feet): —
Total Depth from TOC (feet): 21.80

Water Column (feet): 5.25
Casing Volume (gal): .86
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 1112907 1018
Total Volume Purged (gal): 2.0
Sample Time/Date: 1112907 1039
Sampler Name: KR AW

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1018	450	0							
1028	450	1.0	4.43	.190	21.79	1.24	17.2	240.5	
1031	450	—	4.49	.189	21.90	1.22	2.41	249.2	
1034	450	—	4.49	.187	22.01	1.09	0.91	243.8	
1037	450	—	4.50	.187	22.09	1.17	1.03	241.7	
1039	450	2.0	4.49	.185	22.09	1.11	0.83	244.1	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477178
Date: 11/29/07
Weather: rainy & 60°

Well ID: USTT2477-MW14
Sample ID: USTT2477-MW14
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 15.31
Product Thickness (feet): —
Total Depth from TOC (feet): 21.30

Water Column (feet): 5.99
Casing Volume (gal): .976
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/29/07 0925
Total Volume Purged (gal): 2.0
Sample Time/Date: 11/29/07
Sampler Name: KR AW

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
0925	400	0							
0940	400	1.0	4.00	.224	21.06	1.90	19.8	346.7	
0943	400		3.99	.221	21.10	1.81	16.4	350.9	
0946	400		3.98	.218	21.12	1.87	9.1	357.1	
0949	400	2.0	3.97	.217	21.20	1.89	4.2	356.3	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2A77178
Date: 11/29/07
Weather: Rainy & 55°

Well ID: USTTT2478-MW23
Sample ID: USTTT2478-MW23
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 16.63
Product Thickness (feet): —
Total Depth from TOC (feet): 22.10

Water Column (feet): 5.47
Casing Volume (gal): .892
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/29/07 0810
Total Volume Purged (gal): 1.75
Sample Time/Date: 11/29/07 0839
Sampler Name: JR AW

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
0810	375	0.0							
0827	375	1.0	5.08	.148	18.31	0.58	7.01	116.4	
0830	375	—	5.16	.150	18.30	0.44	9.32	109.6	
0833	375	—	5.20	.153	18.35	0.71	8.41	94.4	
0836	375	—	5.21	.154	18.39	0.64	6.31	91.2	
0839	375	1.75	5.22	.153	18.40	0.63	2.51	89.7	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477178
Date: 11/29/07
Weather: Rainy - c 54°

Well ID: UST TT2478-MW24
Sample ID: UST TT2478-MW24
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8 5/8"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 17.34
Product Thickness (feet): —
Total Depth from TOC (feet): 23.10

Water Column (feet): 5.76
Casing Volume (gal): .938
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/29/07 0712
Total Volume Purged (gal): 2.0
Sample Time/Date: 11/29/07 0739
Sampler Name: KR AW

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
0712	400	0							
0727	400	1.0	4.98	.0826	20.26	1.75	5.71	167.8	
0730	400	—	4.94	.082	19.82	1.29	10.21	181.5	
0733	400	—	4.90	.081	19.57	1.21	9.85	185.9	
0736	400	—	4.89	.081	19.46	1.27	7.32	190.1	
0739	400	2.0	4.89	.081	19.52	1.30	6.91	194.2	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477|78
Date: 11/28/07
Weather: sunny (66°

Well ID: USTT2477-MW08B01
Sample ID: USTT2477-MW08B01
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 4"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 20.92
Product Thickness (feet): —
Total Depth from TOC (feet): 28.40

Water Column (feet): 7.48
Casing Volume (gal): 1.22
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/28/07 1450
Total Volume Purged (gal): 2.25
Sample Time/Date 11/28/07 1522
Sampler Name: AW

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1450	400	0							
1510	400	1.50	5.75	.167	22.64	.51	14.4	-84.3	
1513	400	—	5.76	.169	22.62	.43	7.96	-81.1	
1516	400	—	5.76	.171	22.61	.39	4.95	-80.1	
1519	400	—	5.77	.174	22.59	.36	3.21	-78.2	
1522	400	2.25	5.76	.175	22.60	.35	4.91	-74.1	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NVD19
Project Name: TT2477178
Date: 11/28/07
Weather: Sunny & 63°

Well ID: USTTT2478-MW09
Sample ID: USTTT2478-MW09
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

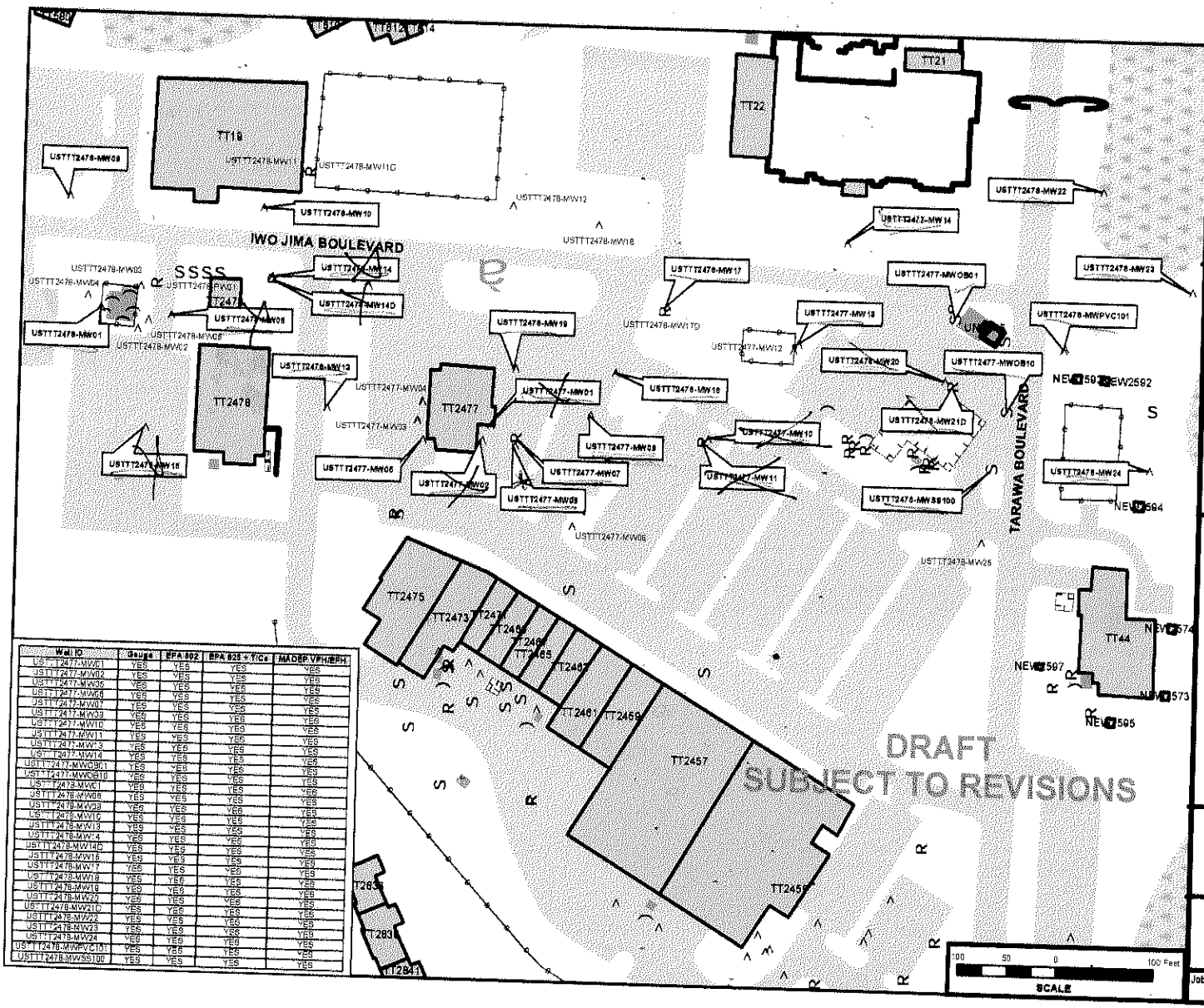
Protective Casing Diameter (inch): 8.54
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 11.77
Product Thickness (feet): —
Total Depth from TOC (feet): 24.70

Water Column (feet): 12.93
Casing Volume (gal): 2.10
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/28/07 1310
Total Volume Purged (gal): 2.25
Sample Time/Date: 11/28/07 1346
Sampler Name: KK AW

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1310	400	0							
1330	400	1.75							
1334	400	—	4.00	.167	21.69	0.94	20.1	344.3	
1337	400	—	4.00	.160	21.67	0.84	7.9	340.3	
1340	400	—	4.01	.163	21.82	0.81	11.1	335.0	
1343	400	2.0	4.00	.168	21.80	0.78	8.9	330.2	
1346	400	2.25	4.01	.169	21.87	0.74	>.3	328.1	

* Collect USTTT2478-Duplicate



Well ID	Gauge	EPA 602	EPA 625 + TICs	MADEP VPH/EPH
USTTT2477-MW01	YES	YES	YES	YES
USTTT2477-MW02	YES	YES	YES	YES
USTTT2477-MW03	YES	YES	YES	YES
USTTT2477-MW04	YES	YES	YES	YES
USTTT2477-MW09	YES	YES	YES	YES
USTTT2477-MW12	YES	YES	YES	YES
USTTT2477-MW10	YES	YES	YES	YES
USTTT2477-MW11	YES	YES	YES	YES
USTTT2477-MW13	YES	YES	YES	YES
USTTT2477-MW14	YES	YES	YES	YES
USTTT2477-MWOB01	YES	YES	YES	YES
USTTT2478-MW08	YES	YES	YES	YES
USTTT2478-MW09	YES	YES	YES	YES
USTTT2478-MW10	YES	YES	YES	YES
USTTT2478-MW11C	YES	YES	YES	YES
USTTT2478-MW13	YES	YES	YES	YES
USTTT2478-MW14	YES	YES	YES	YES
USTTT2478-MW14D	YES	YES	YES	YES
USTTT2478-MW17	YES	YES	YES	YES
USTTT2478-MW18	YES	YES	YES	YES
USTTT2478-MW19	YES	YES	YES	YES
USTTT2478-MW20	YES	YES	YES	YES
USTTT2478-MW21D	YES	YES	YES	YES
USTTT2478-MW22	YES	YES	YES	YES
USTTT2478-MW23	YES	YES	YES	YES
USTTT2478-MW24	YES	YES	YES	YES
USTTT2478-MWPVC101	YES	YES	YES	YES
USTTT2478-MWSS100	YES	YES	YES	YES

MCB CAMP LEJEUNE
UST MANAGEMENT PROGRAM

NAVFAC
Naval Facilities Engineering Command

LEGEND

Monitoring Wells
- Type I
- Type II
- Type III
- Pumping Well
- Unknown Well Type
- Water Supply Wells
- Above Ground Storage Tank
- Underground Storage Tank
- Railroad Tracks

Walls and Fences
- FENCE
- GATE
- WALL

- Buildings and Structures
- Demolished Structures
- Oil/Water Separators
- Slabs
- Roads
- Driveways
- Parking Lots
- Surface Water Bodies
- Creeks and Streams
- Groundwater Flow Direction

Vegetation Cover
- Forestland
- Scrubland
- Wetland

Airfield Pavement
- HELIPAD
- RAMP
- RUNWAY
- SHLDR_OVERRUN
- TAXIWAY

NOTES

1. GIS Data Layers provided by MCB Camp Lejeune.

CALIN
ENGINEERS and SCIENTISTS

SITE TT-2477-78
PROPOSED MONITORING PLAN
NOVEMBER 2007

FIGURE
X

Job No.:	Date:	Scale:	Drawn By:	Checked By:
	OCT 2007	AS SHOWN	SAC	MEM

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477|78
Date: 11/28/07
Weather: Sunny ~55°

Well ID: USTTT2478-MW06
Sample ID: USTTT2478-MW06
Well Condition: OK

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 4" ~~(0.163)~~ .653

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 13.55
Product Thickness (feet): —
Total Depth from TOC (feet): 20.5

Water Column (feet): 6.45
Casing Volume (gal): 4.21
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/28/07 1055
Total Volume Purged (gal): 4.5
Sample Time/Date: 11/28/07 1140
Sampler Name: MK AW

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1055	500	0							
1125	500	3.0	6.00	.306	24.08	1.47	19.6	-86.7	
1128	500	—	6.00	306	24.06	0.62	20.3	-75.5	
1131	500	—	6.01	.306	23.92	0.35	17.9	-77.3	
1134	500	4.0	6.01	.306	23.91	0.29	12.2	-78.9	
1137	500	—	6.01	.306	23.86	0.27	9.1	-80.1	
1140	500	4.5	6.01	.307	23.90	0.26	7.9	-81.2	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477|78
Date: 11|28|07
Weather: sunny & 50°

Well ID: UST TT2478-MW14
Sample ID: UST TT2478-MW14
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 13.29
Product Thickness (feet): —
Total Depth from TOC (feet): 18.01

Water Column (feet): 4.72
Casing Volume (gal): .770
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11|28|07 0950
Total Volume Purged (gal): 1.75
Sample Time/Date 11|28|07 1014
Sampler Name: KK AW

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
0950	400	0							
1005	375	1.0	5.60	.308	22.72	0.58	3.56	103.5	
1008	375	—	5.61	.311	22.73	0.48	4.60	109.5	
1011	375	—	5.62	.314	22.77	0.48	6.06	108.3	
1014	375	1.75	5.64	.317	22.80	0.47	4.21	109.1	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NW019
Project Name: TT2477.78
Date: 11/28/07
Weather: Sunny & 53°

Well ID: USTT2477-MW02
Sample ID: USTT2477-MW02
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 4" ~~(0.163)~~ (.653)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 15.56
Product Thickness (feet): —
Total Depth from TOC (feet): 19.00

Water Column (feet): 3.44
Casing Volume (gal): 2.25
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/28/07 0836
Total Volume Purged (gal): 3.0
Sample Time/Date: 11/28/07 0914
Sampler Name: KR, AW

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
0836	400	0							
0902	400	2.0	6.10	.290	22.84	0.27	6.69	-94.6	SLight odor
0905	400	—	6.10	.278	22.92	0.22	3.68	-98.6	
0908	400	—	6.10	.270	22.86	0.23	3.15	-100.4	
0911	400	—	6.09	.268	22.92	.22	3.47	-99.3	
0914	400	3.0	6.08	.261	22.89	.21	3.15	-101.1	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477/78
Date: 11/29/07
Weather: Sunny ~50°

Well ID: UST TT2477-MW11
Sample ID: UST TT2477-MW11
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 16.99
Product Thickness (feet): —
Total Depth from TOC (feet): 50.5

Water Column (feet): 33.51
Casing Volume (gal): 5.46
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/28/07 0710
Total Volume Purged (gal): ~~0809~~ 6.20
Sample Time/Date: 11/28/07 ~~0710~~ 0809
Sampler Name: L. Riggs, M. Weir

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
0710	500ml	0							
0745	500ml	4.5	6.22	.192	18.84	4.86	18.8	30.9	
0748	500	—	6.01	.173	20.43	1.20	10.1	21.1	
0751	500	5.0	6.00	.172	20.20	1.09	9.8	7.0	
0754	500	—	5.95	.170	20.52	.69	2.6	-2.7	
0758	500	—	5.93	.168	20.69	.48	8.1	-2.5	
0801	500	6.0	5.90	.166	20.74	.40	6.5	-5.7	
0809	500	6.20	5.90	.165	20.80	.58	7.1	-6.4	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477|78
Date: 11|28|07
Weather: clear-50s

Well ID: UST TT2477-MWOB10
Sample ID: UST TT2477-MWOB10
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 4" standpipe
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 11.57
Product Thickness (feet): —
Total Depth from TOC (feet): 34.00

Water Column (feet): 22.43
Casing Volume (gal): 3.656
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11|28|07 1448
Total Volume Purged (gal): ~4.0
Sample Time/Date: 11|28|07 1520
Sampler Name: A.Weir|K.Riggs

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1448	500	0							
1505	"	—	6.36	275	21.51	1.39	4.68	-148	
1508	"	3.0	6.35	277	21.51	1.43	4.68	-156	
1511	"		6.36	278	21.54	1.47	4.70	-163	
1514	"	4.0	6.35	278	21.50	1.45	4.72	-166	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477178
Date: 11/28/07
Weather: clear 60's

Well ID: USTTT2478-MW10
Sample ID: USTTT2478-MW10
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 13.32
Product Thickness (feet): —
Total Depth from TOC (feet): 25.00

Water Column (feet): 11.68
Casing Volume (gal): 1.904
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/28/07 1332
Total Volume Purged (gal): 2.5
Sample Time/Date 11/28/07 1404
Sampler Name: AWCW / KRoss

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1332	400	0							
1346	"	—	3.80	189	22.12	1.72	14.5	376	
1349	"	—	3.68	206	22.14	1.72	13.7	374	
1352	"	—	3.58	224	22.13	1.76	11.1	377	
1355	"	—	3.46	234	22.09	1.78	10.62	379	
1358	"	2.5	3.46	235	22.00	1.76	10.4	378	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477/78
Date: 11/20/07
Weather: clear 50s

Well ID: UST TT2478-MW01
Sample ID: UST TT2478-MW01
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 13.62
Product Thickness (feet): —
Total Depth from TOC (feet): 15.70

Water Column (feet): 2.08
Casing Volume (gal): .339
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/20/07 1307
Total Volume Purged (gal):
Sample Time/Date 11/20/07
Sampler Name: A Weir / K Riggs

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1307	300	0							
1310	- well dry - wait for recharge								
1315	recharged half a foot - slow recharge								

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477178
Date: 11/28/07
Weather: clear 50s

Well ID: USTTT2478-MW15
Sample ID: USTTT2478-MW15
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 13.29
Product Thickness (feet): —
Total Depth from TOC (feet): 17.50

Water Column (feet): 4.21
Casing Volume (gal): .686
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/28/07 1109
Total Volume Purged (gal): 2.0
Sample Time/Date: 11/28/07 1144
Sampler Name: AWeir/KRidgs

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
1109	375	0							
1124	375	1.0	4.69	109	24.70	1.81	1.19	190	
1127	375	—	4.63	110	24.82	1.51	1.05	196	
1130	375	—	4.59	110	24.89	1.50	1.04	202	
1133	375	—	4.57	110	24.76	1.51	1.05	201	
1136	375	—	4.56	109	24.77	1.50	1.04	211	
1139	375	2.0	4.55	110	24.79	1.50	1.05	207	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477/78
Date: 11/28/07
Weather: clear - 50s

Well ID: UST TT2478-MW14D
Sample ID: UST TT2478-MW14D
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 4.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 12.84
Product Thickness (feet): —
Total Depth from TOC (feet): 50.00

Water Column (feet): 37.16
Casing Volume (gal): 6.06
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/28/07 0945
Total Volume Purged (gal): 6.0
Sample Time/Date: 11/28/07 1050
Sampler Name: AWeir / KRiggs

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ms/cm	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
0945	300	0							
1030	"	4.5	6.81	335	20.45	1.63	1.89	-103	
1033	"		6.79	333	20.41	1.64	1.73	-105	
1036	"	5.0	6.77	331	20.47	1.61	4.41	-109	
1039	"	—	6.74	329	20.48	1.60	1.66	-111	
1041	"	—	6.70	326	20.51	1.61	1.61	-113	
1044	"	6.0	6.69	325	20.50	1.60	1.63	-114	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477.78
Date: 11/28/07
Weather: clear - 50s

Well ID: USTT2477-MW01
Sample ID: USTT2477-MW01
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 4 ~~(0.163)~~ 0.653

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 15.39
Product Thickness (feet): —
Total Depth from TOC (feet): 19.00

Water Column (feet): 3.61
Casing Volume (gal): 2.36
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/28/07 0839
Total Volume Purged (gal): 4.0
Sample Time/Date: 11/28/07 0919
Sampler Name: Aweir/KRiggs

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ~~us/cm~~	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
0839	500	0							
0903	400	2.0	6.06	155	22.04	1.05	12.8	151	
0906	400	—	6.05	155	21.82	1.05	4.12	139	
0909	400	—	6.05	154	21.81	1.04	4.10	131	
0912	400	4.0	6.06	155	21.79	1.03	4.08	125	

PURGING AND BAILING GROUNDWATER SAMPLING FORM
MCB Camp LeJeune and New River MCAS

Project Number: NV019
Project Name: TT2477/78
Date: 11/28/07
Weather: sunny ~ 50°

Well ID: USTT2477-MW10
Sample ID: USTT2477-MW10
Well Condition: good

ALL DEPTHS ARE TO BE COLLECTED FROM THE TOP OF THE CASING.

Protective Casing Diameter (inch): 8.5"
Inner Casing Diameter (inch): 2" (0.163)

Depth to Product from TOC (feet): —
Initial Depth to Water from TOC (feet): 17.89
Product Thickness (feet): —
Total Depth from TOC (feet): 22.10

Water Column (feet): 4.21
Casing Volume (gal): ~~1.03~~ .686
Purge/Sample Method: Low Flow Method
Start Purge Date/Time: 11/28/07 0700
Total Volume Purged (gal): ~~0755~~ 4.0
Sample Time/Date: 11/28/07 0755
Sampler Name: K. Riggs

Time	Rate (ml/min) 200-500ml	Cumulative Gallons Purged	pH	Conductivity ~~us/cm~~	Temp (°C)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
0700	~~400~~ml	0			~~20.34~~				
0724	400 mL	2	9.90	150	20.34	2.82		311	
0729	400 mL	—	7.40	121	22.32	2.14	1.48	372	
0732	400	—	6.60	119	22.29	1.94	0.86	374	
0735	400	—	5.77	118	22.47	1.73	0.64	376	
0738	400	3.0	5.44	116	22.47	1.63	0.49	377	
0741	400	—	5.27	115	21.86	1.52	0.56	377	
0744	400	—	5.20	116	21.28	1.29	0.32	—	376
0747	400	—	5.17	116	21.57	1.42	0.32	377	
0750	400	4.0	5.16	114	21.05	1.43	0.31	376	

Date: 30 Nov 07
SITE: CSFF
MCB Camp LeJeune and New River MCAS
Gauged By: ACW

GROUNDWATER MONITORING WELL GAUGING DATA

WELL NUMBER	DEPTH TO BOTTOM MEASURED FROM TOC		TIME OF GAUGING	DEPTH TO WATER FROM TOP OF CASING	DEPTH TO LNAPL FROM TOP OF CASING	LNAPL THICKNESS	COMMENTS
	Installed	Measured					
UST CSFF-MW03			1205	8.14			
" MW04			1154	10.34			
MW16			1200	7.96			
MW17			1220	7.61			
MW26			206	39.1			
MW27			1210	7.61			