

FINAL
ANNUAL GROUNDWATER MONITORING REPORT 2007-2008
BUILDING 45

NCDENR Incident Number: 22890
Marine Corps Base
Camp Lejeune, North Carolina

June 27, 2008

Prepared for:



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2000 Guidelines	Groundwater Section Guidelines for Investigation and Remediation of Soil and Groundwater
2001 Guidelines	Guidelines for Assessment and Corrective Action, North Carolina
2L GWQS	Underground Storage Tank Section (Effective July 1, 2001)
AS	NCAC T15A:02L Groundwater Quality Standards
AST	Air Sparge
BDL	Aboveground Storage Tank
BN	Below Detection Limit
BNA	Base/Neutral (extractables)
BQL	Base/Neutral/Acid (extractables)
BLS	Below Quantitation Limit
BTEX	Below Land Surface
CAP	Benzene, Toluene, Ethylbenzene, Xylenes
CFR	Corrective Action Plan
Cr	Code of Federal Regulations
CSA	Chromium
DIPE	Comprehensive Site Assessment
DO	Di-isopropyl Ether
DOD	Dissolved Oxygen
DPT	Department of Defense
DWQ	Direct Push Technology
DWM	Division of Water Quality
DTW	Division of Waste Management
EDB	Depth to Water
EMD	Ethylene di-bromide
EPA	Environmental Management Division
EPH	Environmental Protection Agency
EQB	Extractable Petroleum Hydrocarbons
Fe	Environmental Quality Branch
FID	Iron
FT	Flame Ionization Detector
GCL	Feet
GIS	Gross Contaminant Level
GPS	Geographic Information System
Guidelines Vol. II	Global Positioning System
	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
µg/Kg	Micrograms per Kilogram
µg/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

The Building 45 site is located approximately one-half mile northwest of the main gate of Marine Corps Base (MCB) Camp Lejeune, North Carolina. The site is adjacent to and south of North Carolina Highway 24. It is an underground storage tank (UST) remediation site, as well as part of the Camp Lejeune Installation Restoration (IR) program Site 84, which is being addressed under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Building 45 was originally an electric substation that was converted to a heavy equipment and maintenance shop in 1965. The building was demolished in 1999. Previous investigations show it can be classified as an intermediate risk with industrial/commercial land use.

Several petroleum USTs were used at the site and served as the sources for the site's petroleum contamination. UST S-941-1 was a 6,000-gallon steel tank used for diesel and UST S-941-2 was a 550-gallon steel tank used for gasoline. These two tanks are the main source of petroleum contamination and were located near the front of the site, northeast of former Building 45. Two other USTs were located at the site, as well. A 1,000-gallon used-oil UST (UST-45-1) was removed from the site near the rear of the building, and the fourth tank, a 500-gallon heating oil UST, was located at the northwest corner of former Building 45. It was removed by J.A. Jones Environmental Services Inc. (J.A. Jones) in 1999.

Site assessments conducted of the gasoline, diesel, and used oil tank areas in the early 1990s identified soil and groundwater contamination at the site. These assessments were used to formulate a CAP in 1996. The CAP, developed by LAW, recommended an air sparge/soil vapor extraction system for soil and groundwater remediation. The system was installed by J.A. Jones and began operation in April 1998.

The current 2007-2008 monitoring period was overseen by Sovereign Consulting Inc. (Sovereign). Monitoring events included semi-annual gauging and sampling (June 2007 and December 2007) of monitoring wells MW01/45, MW04/45, MW09, MW13, MW15 and MW21 as well as annual sampling and gauging (June 2007) of monitoring wells MW06, MW14 and MW22 (22 cannot be located)..

Free product was not present in any site monitoring well during the monitoring period and has not been observed at the site since 2001. Only benzene and bis(2-ethylhexyl)phthalate were detected in site groundwater above the NCGWQSs. Benzene was detected in monitoring well MW-09, a deep monitoring well near former USTs 941-1 and 941-2, and bis(2-ethylhexyl)phthalate was detected in MW09 and MW15. Other detected volatile and semi-volatile organic compounds were present at concentrations below the applicable NCGWQSs. Lead was detected in monitoring well MW14 in June 2007. It was also detected in monitoring wells MW01/45, MW04/45, MW09, MW13, MW15 and MW21 in December 2007, but at concentrations well below the NCGWQS of 15 µg/L.

Based on fieldwork and laboratory analytical data from the 2007-2008 monitoring period, Sovereign recommends that MCB Camp Lejeune continues groundwater gauging and sampling of shallow monitoring wells (MW13, MW14, MW15, MW01/45, and MW04/45) and deep monitoring wells (MW06, MW09, and MW21) on the current program frequency and reports the

findings in an Annual Groundwater Monitoring Report. Groundwater should be analyzed using EPA Methods 8260, 8270, and 6010A with Standard Prep Method 3030C. MCB Camp Lejeune should also continue tracking soil contaminant concentrations to monitor the effects of natural attenuation. If free product does not re-occur, soil contaminant levels attenuate to below the lowest of the applicable MSCCs, and groundwater contaminants remain below GCLs, then the site would qualify for No Further Action with Land Use Restrictions. Additional corrective action, however, would be required if free product returns, soils continue to be above MSCC levels, or groundwater contaminant levels rebound.

1.0 TITLE PAGE

DATE OF REPORT: June 14, 2008

Facility I.D.: N/A

UST Incident Number: 22890

Site Name: Building 45

Site Location: Marine Corps Base Camp Lejeune, North Carolina

Nearest City/Town: Camp Lejeune

County: Onslow

Risk Classification: Intermediate Risk

Land Use Classification: Industrial/Commercial

UST Owner: Commanding Officer – 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: MCB Camp Lejeune, NC

Phone: None

Consultant/Contractor: Sovereign Consulting Inc.

Address: 405 Oakmeads Crescent, Suite 1

Virginia Beach, VA 23462

Phone: (757) 456-5093

Release Information

Date Discovered: October 23, 1992

Latitude: 34° 43' 53.04" N

Longitude: 77° 21' 5.04" W

Estimated Quantity of Release: Unknown

Cause of Release: Leaking underground storage tank system

Source of Release (Piping/UST): UST and piping

Sizes and contents of UST system(s) from which the release occurred: The former system consisted of two tanks and associated piping. UST S-941-1 was a 6,000-gallon diesel steel tank and UST S-941-2 was a 550-gallon gasoline steel tank.

*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 recent groundwater gauging and sampling events at the Building 45 site aboard MCB Camp Lejeune, North Carolina. This data was collected during the June 2007 – May 2008 monitoring period. Upon system shut down in mid November of 2006 Sovereign was officially directed to conduct semi-annual gauging and sampling of six shallow monitoring wells (each are proceeded with the prefix UST45/S941) MW09, MW13, MW14, MW15, MW01/45, and MW04/45 and annual sampling of three deep monitoring wells MW09, MW21, and MW22 (22 cannot be located). Analyses run included EPA Methods 8260, 8270 and 6010 A with Standard Prep Method 3030C. Results of Sovereign's 2007-2008 gauging and sampling events are presented in this report.

3.0 SITE HISTORY

Building 45 is located aboard MCB Camp Lejeune adjacent to and south of North Carolina Highway 24. The site is approximately one-half mile northwest of Camp Lejeune's main gate. Building 45 was originally an electric substation that was converted to a heavy equipment and maintenance shop in 1965. The building was demolished in 1999, and the foundation was removed separately in 2002.

Currently, the project site consists of the former Buildings 45 and 780, a former fueling area, and an inactive air sparge/soil vapor extraction remediation system. Groundwater monitoring wells are scattered over the site. As well as being a UST remediation site, the Building 45 area is also a Installation Restoration (IR) site under the CERCLA program. The UST program is addressing petroleum groundwater contamination at the site, while the IR program addresses primarily non-petroleum soil contaminants. In this case, PCBs at a depth of 0-2 feet are the CERCLA contaminant of concern.

Two USTs and their associated piping were installed at the site in 1941: UST S-941-1 was a 6,000-gallon steel tank used for diesel and UST S-941-2 was a 550-gallon steel tank used for gasoline. In 1990, UST S-941-2 failed leak detection tests. Follow on soil and groundwater testing in 1991 showed the presence of petroleum constituents in site soil and groundwater. As a result, the two USTs and their associated piping were closed by removal in 1992.

In addition to the diesel and gasoline tanks, two other USTs were located at the Building 45 site. In 1993, a 1,000-gallon used-oil UST (UST-45-1) was removed from the site near the rear of the building. During the removal, surrounding soils appeared to be affected by petroleum products, so approximately 82 tons of soil were excavated and subsequently disposed of off site. Another UST, located at the northwest corner of former Building 45, was removed by J.A. Jones in 1999. It was a 500-gallon heating oil UST.

Site assessments conducted of the gasoline, diesel, and used oil tank areas in the early 1990s identified soil and groundwater contamination at the site. These assessments were used to formulate a CAP in 1996. The CAP, developed by LAW, recommended an air sparge/soil vapor extraction system for soil and groundwater remediation. The system was installed by J.A. Jones and began operation in April 1998. Free product recovery was not addressed in the CAP as

previous recovery efforts were deemed sufficient. Several Aggressive Fluid/Vapor Recovery (AFVR) events conducted between April 1999 and December 2001, however, recovered 426 gallons of free-phase product. The AFVR events were conducted at former monitoring wells MW02, MW03, and PW01. These monitoring wells were removed during excavation in 2002 and replaced as MW02R, MW03R, and PW01R by EEI in February 2005. These monitoring wells are located in the vicinity of the former USTs.

Monitoring and maintenance of the groundwater treatment system at the Bldg 45 site has continued from installation in 1998 to the present. In 2002, the IR program conducted a removal action of soils at the site to include the area of the former USTs. As part of the excavation, Shaw abandoned UST monitoring wells PW01, MW02, MW03, MW10, and AS/SVE wells 5 through 8. Excavation took place in the area of highest contamination and historical free product, so a reduction in petroleum constituents was expected. Only the monitoring wells were replaced after excavation, so the remediation system currently consists of AS/SVE wells 1-4. A second IR soil excavation was conducted in 2005 in the general area of the former Building 45. In conjunction with the excavation, monitoring well MW16 appears to have been abandoned. A third IR excavation was conducted to the northwest of the former building during June 2006 by Rhea Engineers and Consultants, Inc. (Rhea). Data from the 2006 excavation have not been finalized as of the preparation of this groundwater monitoring report.

In an effort to reclassify the site using the NCDENR Risk Based Corrective Action (RBCA) Rules, MCB Camp Lejeune contracted CATLIN to complete an evaluation of the site. Initial site work and recommendations were completed and summarized in their June 24, 2004 DRAFT Remedial Action Optimization (RAO) & Revised Corrective Action Plan (RCAP) report. In the 2004 report, CATLIN recommended collecting additional soil samples for Risk Based Analysis in the vicinity of 20 locations, which historical data showed had the highest TPH concentrations across the site. CATLIN indicated that the proposed soil samples should not be collected until the IR program had completed the 2006 excavation. Using preliminary data from the 2006 excavation, CATLIN conducted additional site investigation activities in May 2006. Twenty soil samples were obtained from areas of historical soil exceedences to further delineate and quantify overall site soil contamination, as compared to the RBCA rules.

Risk Based laboratory results indicated no concentrations above the Industrial/Commercial (I/C) MSCCs; however, results were above the lowest MSCCs for some compounds. Since soil contamination exists above the lowest MSCCs, CATLIN recommended that additional soil remediation be conducted via natural attenuation. Since groundwater contaminant levels have decreased at the site, natural attenuation appeared to be the most suitable soil remedial alternative. They also recommended the collection of selected soil samples on a frequency of once every five years for contaminants of concern to evaluate the progress of natural attenuation.

CATLIN also made groundwater recommendations at the site, which included semi-annual sampling of five shallow zone monitoring wells (MW13, MW14, MW15, MW01/45, and MW04/45) and annual sampling of all deep zone monitoring wells. These recommendations were implemented at the site as of January 2007.

Monitoring and maintenance of the groundwater treatment system at the Bldg 45 site has continued from installation in 1998 to the present. The current program was initiated in June 2006 and continued through May 2008. Field activities included system inspections, monitoring, and maintenance of the system, as well as groundwater monitoring. .

Sovereign carried out the 2007 monitoring and maintenance events in June and December of 2007. Monitoring wells MW01/45, MW04/45, MW06, MW09, MW13, MW14, MW15, and MW21 were gauged and sampled by Sovereign. Field activities also included monitoring of the Biosparge/ISOC unit installed in MW09. This report outlines and describes such activities as performed by Sovereign during the monitoring period.

4.0 REMEDIATION SYSTEM OPERATION AND MAINTENANCE

The remediation system was shut down; upon NCDENR approval of the recommendations made in Sovereign's 2005-2006 Annual Groundwater Monitoring Report, during the week of November 13, 2006. The system originally included eight air sparge (AS) wells and eight soil vapor extraction (SVE) wells. At the time of closure, the remedial system at Building 45 consisted of four vertical soil extraction (SVE) wells (6-inch diameter PVC, 3-foot 0.02-inch slot screen with total depths of approximately 6-feet bgs, four vertical air sparge (AS) well (2-inch diameter PVC, 5-foot 0.02-inch slot screens with total depths of 40-to-45 feet bgs).

A Biosparging/ISOC system was installed at the site in June of 2007. Biosparging is an in-situ remediation technology that uses indigenous microorganisms to biodegrade organic constituents in the saturated zone. In biosparging, air (or oxygen) and nutrients (if needed) are injected into the saturated zone to increase the biological activity of the indigenous microorganisms. Biosparging is used to reduce concentration of petroleum constituents that are dissolved in groundwater or absorbed in soil below the water table.

ISOC technology is an in-situ Submerged Oxygen Curtain. This diffusion of oxygen is designed to address isolated zones. The diffused oxygen provides a greater surface area and a higher concentration of dissolved oxygen than the former AS system. The ISOC unit was set up in groundwater monitoring well MW09. This monitoring well showed hydrocarbon constituent concentrations above 2L NCGWQSs. The ISOC consists of the proprietary diffusion point constructed of a stainless steel unit (1.62" diameter x 15" long) suspended by the gas transfer tubing (1/4" polyurethane tubing). The gas infusion module utilizes a microporous hollow fiber and a PVC shell.

During the reporting period, monitoring well purge water, development water, and equipment decontamination water generated during field events were contained in a portable holding tank. Water that accumulated in the SVE system polyethylene hold tank was removed and transported in the portable holding tank and processed through a groundwater treatment system located at Lot 203 on MCB Camp Lejeune.

5.0 GAUGING AND SAMPLING RESULTS

The field program for the Building 45 site consisted of semiannual gauging and sampling of six monitoring wells (MW09, MW13, MW15, MW21, MW01/45, and MW04/45) and annual gauging and sampling of two monitoring wells (MW06, and MW14). Note that monitoring well MW22 has not been located at the site in recent years; therefore, only MW06 and MW14 were gauged and sampled annually. Groundwater at the site was analyzed using EPA Method 8260 and 8270, as well as EPA Method 6010A with Standard Preparation Method 3030C. Activities were conducted in accordance with NCDENR guidance.

5.1 MONITORING WELL GAUGING

Gauging events occurred in June and December 2007 for monitoring wells MW01/45, MW04/45, MW09, MW13, MW-15, and MW21. Monitoring wells MW06, MW14, and MW22 (Note 22 cannot be located) were gauged in June 2007 only. Gauging data is summarized in Tables 2 and 3. Monitoring wells were gauged using an interface probe to measure the depth to water and depth to product (if present). Depth to water at the site ranged from 8.02 feet to 18.80 feet below TOC. No measurable free product was detected at any site monitoring well designated for gauging during the 2007-2008 monitoring program. Historical free product data is located in Appendix A. Product has not been detected at the site since 2001.

Based on the resultant groundwater elevations, groundwater flow at the site appears to be toward the west and northwest. Figures 3 and 4 show the groundwater flow direction across the site for June 2007 and December 2007, respectively.

5.2 GROUNDWATER SAMPLING

Groundwater sampling was also conducted at the site. Samples were collected during two sampling events – June 2007, and December 2007. Monitoring wells MW01/45, MW04/45, MW09, MW13, MW-15, and MW21 were sampled in June and December 2007. Monitoring wells MW06, MW14 and MW22 (22 cannot be located) were gauged and sampled in June 2007 only.

Duplicate samples were collected and trip blanks were provided by the laboratory. Prior to sampling, monitoring wells were purged of a minimum of one well casing volume of water using a low-flow sampling pump with connected polyethylene discharge tubing. Water quality indicator parameters (pH, temperature, conductivity, oxidation-reduction potential, dissolved oxygen, and turbidity) were measured and recorded. If a monitoring well purged to dryness, the monitoring well was allowed to recharge before sampling. Samples were collected after purging using the laboratory-prepared sample bottles, placed on ice, and shipped under proper chain of custody to SGS/Paradigm Analytical Laboratories Inc. (SGS) in Wilmington, North Carolina (NC Certification Number 481). The lab tested the groundwater sample for volatiles via EPA Method 8260, semivolatiles using EPA Method 8270, and lead using EPA Method 6010A with Standard Preparation Method 3030C. Laboratory reports and chain of custody documentation are included in Appendix B.

EPA Method 8260

Eleven volatile compounds were detected in the groundwater at the site – benzene, diisopropyl ether, ethylbenzene, acetone, methyl tert butyl ether, toluene, naphthalene, total xylenes, methylene chloride, 1,3,5-trimethylbenzene and 1,2,4-trimethylbenzene. The only compound that was detected at the site above its NCGWQS of 1 µg/L was benzene. It was detected in monitoring well MW09 at a concentration of 5.19µg/L during the June sampling event. Benzene was also detected in MW21 but at concentration below the NCGWQS of 1 µg/L. These concentrations are well below the GCL for the compound. EPA Method 8260 results are summarized in Table 4.

EPA Method 8270

Four semi-volatile compounds were detected in the groundwater at the site –Di-n-octylphthalate, bis(2-ethylhexyl)phthalate, 2-methylphenol and 3- & 4-methylphenol were detected in groundwater at the site. Only bis(2-ethylhexyl)phthalate was detected above its groundwater quality standard of 2.5 µg/L. The compound was detected in MW09 in the June 2007 sampling event at a concentration of 8.20 µg/L. It was also detected in MW15 in the December 2007 sampling event at a concentration of 5.50 µg/L. Bis(2-ethylhexyl)phthalate is a common plasticizer and does not typically originate from petroleum releases. Table 5 summarizes semi-volatile lab results.

EPA Method 3030C

Lead was detected in monitoring well MW14 in June 2007. It was also detected in monitoring wells MW01/45, MW04/45, MW09, MW13, MW15 and MW21 in December 2007, all concentrations were well below the NCGWQS of 15 µg/L, with the exception of MW15 detected at a concentration of 163 µg/L. Table 6 summarizes lead results. Historical groundwater data for the site can be found in Appendix A.

6.0 RECEPTOR SURVEY

Sovereign reassessed site conditions and concluded that the receptor survey previously completed by CATLIN in the RAO & RCAP dated November 14, 2006 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.

7.0 CONCLUSIONS AND RECOMMENDATIONS

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

1. Previous investigations indicated diesel and gasoline were released from former USTs 941-1 and 941-2, located in the eastern portion of the site. Contamination at the site may also be

attributed to the former used oil tank in the central portion of the site, as well as from past operations.

2. There are no active water supply wells within 1,500 feet of the site.
3. Shallow surficial aquifer groundwater flow is generally to the west and northwest.
4. Previously identified soil contamination was further assessed using RBCA analyses in the 2006 CATLIN RAO & RCAP. Soil contamination in some locations is above STGW MSCCs, but below I/C MSCCs.
5. No measurable free product was observed at any site monitoring well during the monitoring program, and no measurable free product has been observed at the site since 2001.
6. Only benzene and bis(2-ethylhexyl)phthalate was detected in site groundwater above the NCGWQSs. Benzene was detected in monitoring well MW-09, a deep well near former USTs 941-1 and 941-2, and bis(2-ethylhexyl)phthalate was detected in MW09 and MW15. Other detected volatile and semi-volatile organic compounds were present at concentrations below the applicable NCGWQSs. Lead was detected in monitoring wells MW01/45, MW04/45, MW09, MW13, MW14, MW15 and MW21, but at concentrations well below the NCGWQS of 15 µg/L.

Previous remedial responses at the site included removal of USTs 941-1, 941-2, and 45-1; excavation of petroleum impacted soils, the employment of AFVR events, and the operation of an AS/SVE system and iSOC oxygen diffusion system. Corrective actions have been effective at removing free product and soil and groundwater contamination at the site. The following recommendations are presented for the next monitoring period.

1. Continue groundwater gauging and sampling of shallow monitoring well MW15 and deep monitoring well MW09 on the current semiannual program frequency and report the findings in an Annual Groundwater Monitoring Report. Groundwater should be analyzed using EPA Methods 8260, 8270, and 6010A with Standard Prep Method 3030C.
2. Continue tracking soil contaminant concentrations to monitor the effects of natural attenuation – the next soil sampling event does not need to occur until May 2011 (five years from the CATLIN RBCA soil samples).

If free product does not re-occur, soil contaminant levels attenuate to below the lowest of the applicable MSCCs, and groundwater contaminants remain below GCLs, then the site would qualify for No Further Action with Land Use Restrictions. Additional corrective action, however, would be required if free product returns, soils are above MSCC levels, or groundwater contaminant levels rebound.

8.0 REFERENCES

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TABLES

TABLE 1
WELL CONSTRUCTION INFORMATION
 Incident Number and Name: 22890 - Building 45

Monitoring Well	Date Installed	Measured Well Depth (feet below TOC)	Top of Casing Elevation (feet)
UST45/S941-MW01/45	6/21/1994	20.1	11.43
UST45/S941-MW04/45	6/21/1994	22.0	7.11
UST45/S941-PW01R	2/23/2005	18.0	12.14
UST45/S941-MW02R	2/23/2005	14.5	11.07
UST45/S941-MW03R	2/23/2005	17.8	12.17
UST45/S941-MW04	12/9/1992	22.0	14.83
UST45/S941-MW05	12/11/1992	19.7	9.73
UST45/S941-MW06	12/11/1992	48.2	10.71
UST45/S941-MW07	12/11/1992	23.1	10.00
UST45/S941-MW08	12/11/1992	19.2	10.73
UST45/S941-MW09	12/14/0992	48.2	10.27
UST45/S941-MW12	11/18/1993	15.4	9.91
UST45/S941-MW13	1993	12.2	8.32
UST45/S941-MW14	1993	16.1	7.32
UST45/S941-MW15	12/22/1993	15.9	8.26
UST45/S941-MW17	12/21/1993	14.7	8.95
UST45/S941-MW18	12/22/1993	15.4	10.80
UST45/S941-MW19	12/1/1993	17.1	11.85
UST45/S941-MW20	12/1/1993	15.7	10.64
UST45/S941-MW21	1/5/1994	48.9	7.13

TABLE 2
GROUNDWATER ELEVATION DATA

Incident Number and Name: 22890 - Building 45

Monitoring Well	Top of Casing Elevation (feet)	Ground Water Elevation (feet)	
		6/19/2007	12/19/2007
UST45/S941-MW01/45	11.43	0.48	0.48
UST45/S941-MW04/45	7.11	7.87	7.87
UST45/S941-MW09	10.27	7.14	8.53
UST45/S941-MW13	8.32	0.30	2.61
UST45/S941-MW14	7.32	6.43	8.24
UST45/S941-MW15	8.26	2.22	4.92
UST45/S941-MW21	7.13	7.59	8.66

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.

TABLE 3
PRODUCT THICKNESS DATA

Incident Number and Name: 22890 - Building 45

Monitoring Well	Top of Casing Elevation (feet)	Product Thickness (feet)	
		6/19/2007	12/19/2007
UST45/S941-MW01/45	11.43	--	--
UST45/S941-MW04/45	7.11	--	--
UST45/S941-MW09	10.27	--	--
UST45/S941-MW13	8.32	--	--
UST45/S941-MW14	7.32	--	--
UST45/S941-MW15	8.26	--	--
UST45/S941-MW21	7.13	--	--

--" = no measurable free product detected.

NM = well not measured; either not accessible or not designated as part of gauging program.

TABLE 4
SUMMARY OF GROUNDWATER SAMPLING RESULTS
 Incident Number and Name: 22890 - Building 45
Analytical Method: EPA Method 8260

Contaminant of Concern			Benzene	Diisopropyl ether (DIPE)	Ethylbenzene	Acetone	Chloromethane	Methyl-tert butyl ether (MTBE)	Toluene	Naphthalene	Total Xylene	Methylene Chloride	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene
Well ID	Sample ID	Date Collected												
UST45-MW01/45	UST45-MW01/45	6/20/2007 12/19/2007	BQL BQL	BQL BQL	BQL BQL	3.22J BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	0.470J BQL
UST45-MW04/45	UST45-MW04/45	6/20/2007 12/19/2007	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	0.490J BQL
UST45-MW06	UST45-MW06	6/20/2007	BQL	BQL	BQL	BQL	BQL	1.49	BQL	BQL	BQL	BQL	BQL	0.590J
UST45-MW09	UST45-MW09	6/19/2007 12/19/2007	5.19 BQL	0.510J BQL	0.610J BQL	BQL 53.3	BQL BQL	7.95 0.910J	0.380J 0.110J	BQL BQL	1.72J BQL	BQL BQL	0.560J BQL	1.43J BQL
UST45-MW13	UST45-MW13	6/20/2007 12/19/2007	BQL BQL	BQL BQL	BQL BQL	3.39J BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL
UST45-MW14	UST45-MW14	6/20/2007	BQL	BQL	BQL	7.26J	BQL	BQL	BQL	0.590J	BQL	BQL	BQL	1.18J
UST45-MW15	UST45-MW15	6/20/2007 12/19/2007	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL 0.260L	BQL BQL	BQL BQL	BQL 1.63J	BQL BQL	BQL BQL
UST45-MW21	UST45-MW21	6/20/2007 12/19/2007	BQL 0.150J	BQL BQL	BQL BQL	2.42J BQL	BQL BQL	0.570J 0.560J	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	0.690J BQL
Duplicate	Duplicate	6/20/2007 12/19/2007	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL
2L Standard (µg/l)			1	70	29	700	3	200	1,000	21	530	4.6	350	350
GCL (µg/l)			5,000	70,000	29,000	700,000	2,600	200,000	257,500	15,500	87,000	4600	25,000	28,500

- All results reported in µg/l; µg/L =micrograms per liter
- GCL = gross contamination level
- BQL = Below Quantitation Limits
- J = Estimated concentration; detected below calibration range and above Method Detection Limit.
- **BOLD** = detected concentration
- **BOLD** and shaded = detected concentration above applicable standard
- Note – Sampling Methods changed from 602 to 8260 as of January 2007; all detections reported. January 2007 sampling event included only MW01/45, 04/45, 09, 13, 14, 15, and 21 per NAVFAC and EMD direction.

TABLE 5
SUMMARY OF GROUNDWATER SAMPLING RESULTS
 Incident Number and Name: 22890 - Building 45
Analytical Method: EPA Method 8270

Contaminant of Concern →			Acenaphthene	Di-n-octylphthalate	Bis (2-ethylhexyl) phthalate	Naphthalene	2-Methylphenol	3- & 4-Methylphenol
Well ID	Sample ID	Date Collected						
UST45-MW01/45	UST45-MW01/45	6/20/2007 12/19/2007	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL
UST45-MW04/45	UST45-MW04/45	6/20/2007 12/19/2007	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL
UST45-MW06	UST45-MW06	6/20/2007	BQL	BQL	1.40J	BQL	BQL	BQL
UST45-MW09	UST45-MW09	6/19/2007 12/19/2007	BQL BQL	2.30J BQL	8.20J BQL	BQL BQL	BQL 13.2J	BQL 3.30
UST45-MW13	UST45-MW13	6/20/2007 12/19/2007	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL
UST45-MW14	UST45-MW14	6/20/2007	BQL	BQL	2.00J	BQL	BQL	BQL
UST45-MW15	UST45-MW15	6/20/2007 12/19/2007	BQL BQL	BQL BQL	BQL 5.50J	BQL BQL	BQL BQL	BQL BQL
UST45-MW21	UST45-MW21	6/20/2007 12/19/2007	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL
Duplicate	Duplicate	6/20/2007 12/19/2007	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL	BQL BQL
2L Standard (µg/l)			80	0.14	2.5	21	--	0.0350
GCL (µg/l)			2,120	--	2,500	15,500	--	--

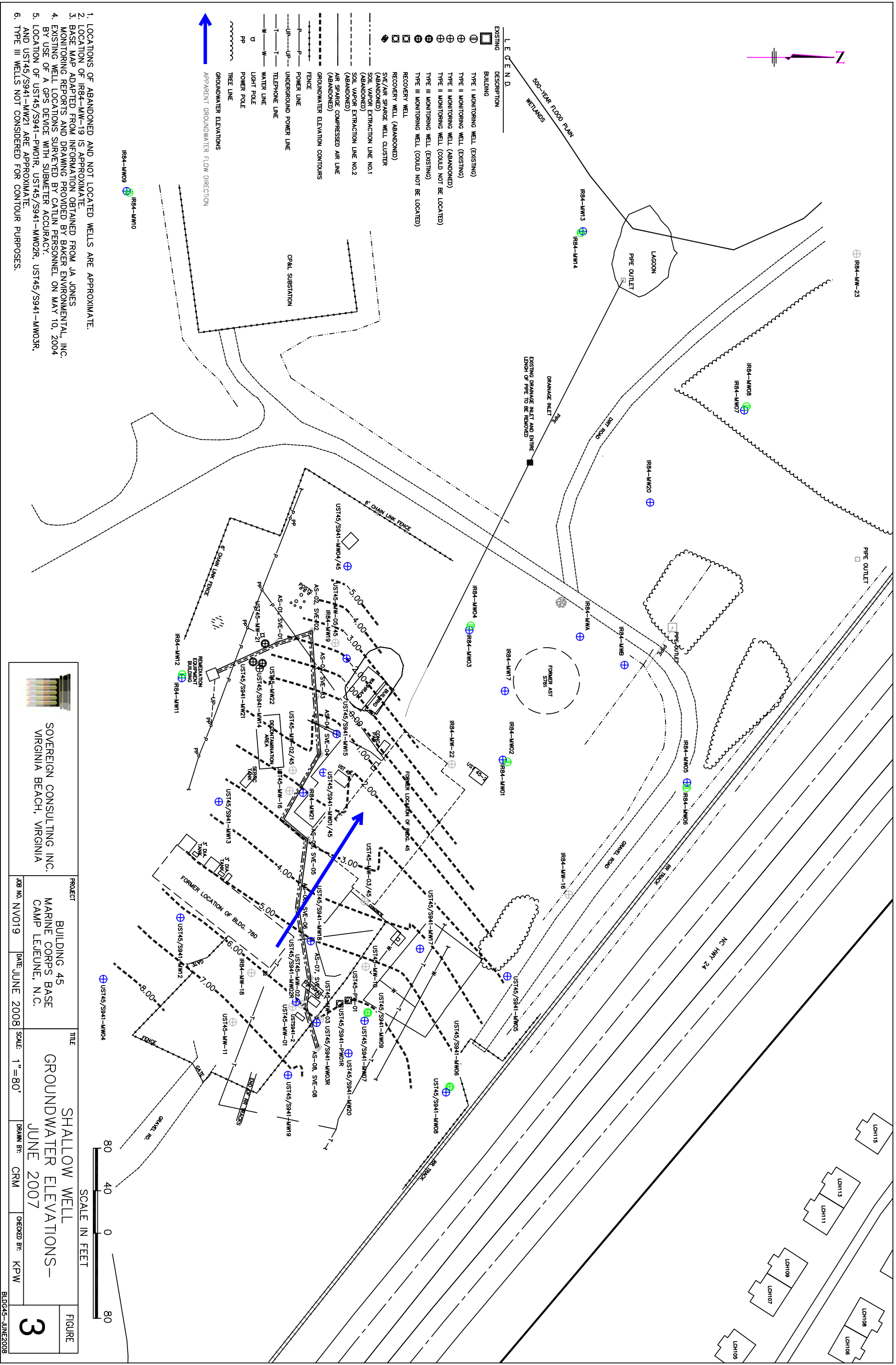
- TICs detected in all wells; refer to Section 5.2 and laboratory reports for additional information.
- All results reported in µg/l; µg/L =micrograms per liter
- GCL = gross contamination level
- BQL = Below Quantitation Limits
- J = Estimated concentration; detected below calibration range and above Method Detection Limit.
- **BOLD** = detected concentration
- **BOLD** and shaded = detected concentration above applicable standard
- Note – Sampling Methods changed from 625 to 8270 as of January 2007; all detections reported. January 2007 sampling event included only MW01/45, 04/45, 09, 13, 14, 15, and 21 per NAVFAC and EMD direction.

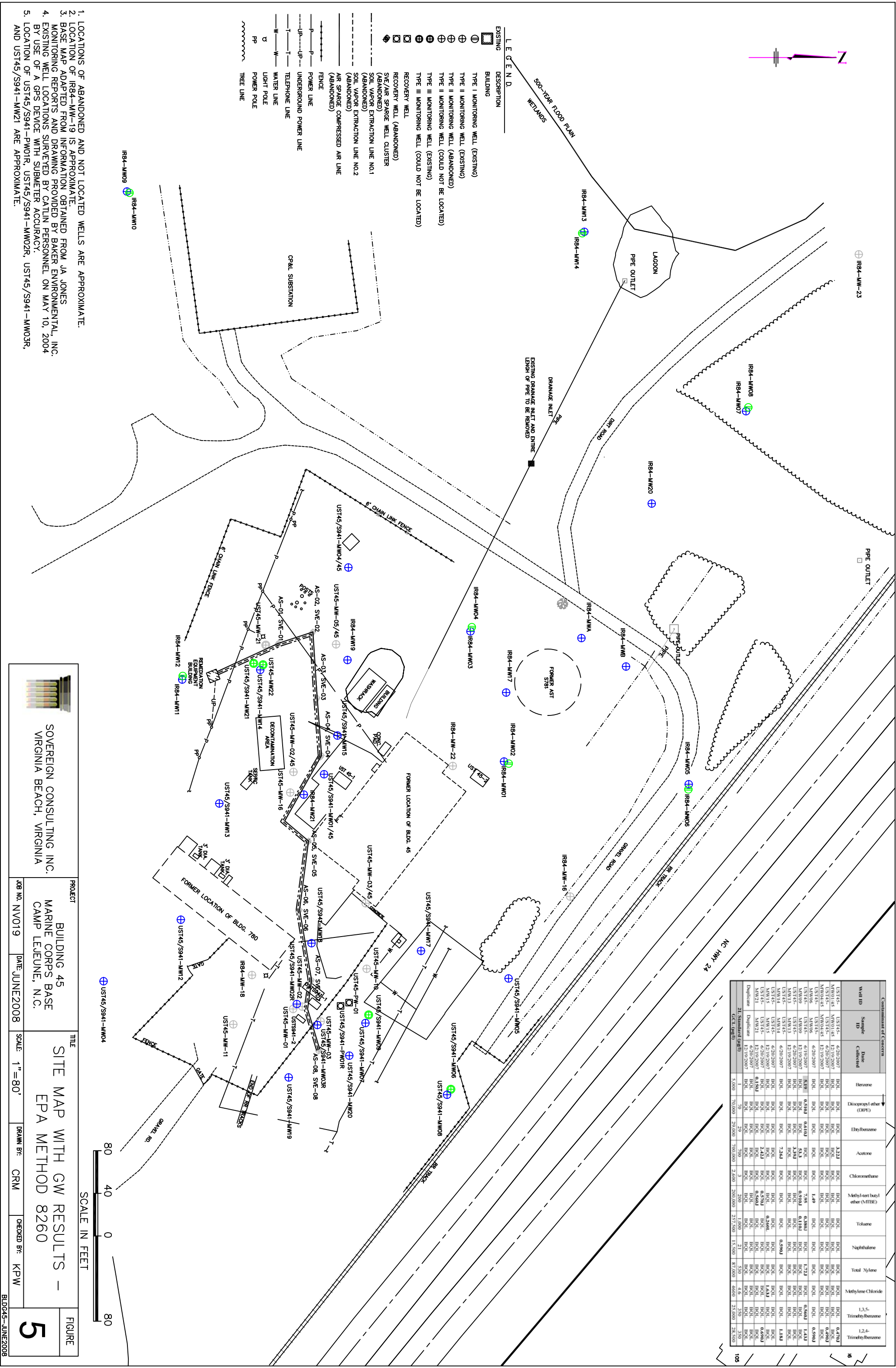
TABLE 6
SUMMARY OF GROUNDWATER SAMPLING RESULTS - EPA Method 3030C (Lead)
 Incident Number and Name: 22890 - Building 45

Contaminant of Concern →			Lead
Well ID	Sample ID	Date Collected	
UST45-MW01/45	UST45-MW01/45	6/20/2007 12/19/2007	BQL 1.20
UST45-MW04/45	UST45-MW04/45	6/20/2007 12/19/2007	BQL 0.700J
UST45-MW06	UST45-MW06	6/20/2007	BQL
UST45-MW09	UST45-MW09	6/19/2007 12/19/2007	BQL 1.08
UST45-MW13	UST45-MW13	6/20/2007 12/19/2007	BQL 8.35
UST45-MW14	UST45-MW14	6/20/2007	1.10
UST45-MW15	UST45-MW15	6/20/2007 12/19/2007	BQL 163
UST45-MW21	UST45-MW21	6/20/2007 12/19/2007	BQL 0.650
Duplicate	Duplicate	6/20/2007 12/19/2007	BQL 0.700J
2L Standard (µg/l)			15
GCL (µg/l)			15,000

- All results reported in µg/l; µg/L =micrograms per liter
- GCL = gross contamination level
- BQL = Below Quantitation Limits
- J = Estimated concentration; detected below calibration range and above Method Detection Limit.
- **BOLD** = detected concentration

FIGURES



[illegible]

⊕ IR84-MW-23

IR84-MW08
IR84-MW07

IR84-MW20

IR84-MW13
IR84-MW14

EXISTING DRAINAGE INLET AND ENTIRE
LENGTH OF PIPE TO BE REMOVED

IR84-MW02
IR84-MW01

IR84-MW04
IR84-MW03

- LEGEND
- EXISTING BUILDING
- TYPE I MONITORING WELL (EXISTING)
- TYPE II MONITORING WELL (EXISTING)
- TYPE II MONITORING WELL (ABANDONED)
- TYPE II MONITORING WELL (COULD NOT BE LOCATED)
- TYPE III MONITORING WELL (EXISTING)
- TYPE III MONITORING WELL (COULD NOT BE LOCATED)
- RECOVERY WELL
- RECOVERY WELL (ABANDONED)
- SVE/AIR SPARGE WELL CLUSTER (ABANDONED)
- SOIL VAPOR EXTRACTION LINE NO.1 (ABANDONED)
- SOIL VAPOR EXTRACTION LINE NO.2 (ABANDONED)
- AIR SPARGE COMPRESSED AIR LINE (ABANDONED)
- FENCE
- POWER LINE
- UNDERGROUND POWER LINE
- TELEPHONE LINE
- WATER LINE
- LIGHT POLE
- POWER POLE
- TREE LINE

IR84-MW09
IR84-MW10

SCALE IN FEET

80 40 0 80

Contaminant of Concern			Units	
Well ID	Sample ID	Date Collected		
UST145-MW01/45	UST145-MW01/45	6/20/2007	BQL	BQL
UST145-MW04/45	UST145-MW04/45	6/20/2007	BQL	BQL
UST145-MW06	UST145-MW06	6/20/2007	BQL	BQL
UST145-MW09	UST145-MW09	6/20/2007	BQL	BQL
UST145-MW13	UST145-MW13	6/20/2007	BQL	BQL
UST145-MW15	UST145-MW15	6/20/2007	BQL	BQL
UST145-MW21	UST145-MW21	6/20/2007	BQL	BQL
Duplicate	Duplicate	6/20/2007	BQL	BQL
2L Standard (µg/L)			80	2,500
GCL (µg/L)			2,120	15,500

1. LOCATIONS OF ABANDONED AND NOT LOCATED WELLS ARE APPROXIMATE.
2. LOCATION OF IR84-MW-19 IS APPROXIMATE.
3. BASE MAP ADAPTED FROM INFORMATION OBTAINED FROM JA JONES MONITORING REPORTS AND DRAWING PROVIDED BY BAKER ENVIRONMENTAL, INC.
4. EXISTING WELL LOCATIONS SURVEYED BY CATLIN PERSONNEL ON MAY 10, 2004 BY USE OF A GPS DEVICE WITH SUBMETER ACCURACY.
5. LOCATION OF UST145/S941-PW01R, UST145/S941-MW02R, UST145/S941-MW03R, AND UST145/S941-MW21 ARE APPROXIMATE.

SOVEREIGN CONSULTING INC.
VIRGINIA BEACH, VIRGINIA

PROJECT
BUILDING 45
MARINE CORPS BASE
CAMP LEJEUNE, N.C.

TITLE
SITE MAP WITH GW RESULTS -
EPA METHOD 8270

JOB NO. NV019 DATE: JUNE2008 SCALE: 1"=80' DRAWN BY: CRM CHECKED BY: KPW

FIGURE
6

BLDG-45-JUNE2008



500-YEAR FLOOD PLAIN
WETLANDS

LEGEND

- EXISTING BUILDING
- TYPE I MONITORING WELL (EXISTING)
- TYPE II MONITORING WELL (EXISTING)
- TYPE II MONITORING WELL (COULD NOT BE LOCATED)
- TYPE III MONITORING WELL (EXISTING)
- TYPE III MONITORING WELL (COULD NOT BE LOCATED)
- RECOVERY WELL
- RECOVERY WELL (ABANDONED)
- SVE/AIR SPARGE WELL CLUSTER (ABANDONED)
- SOIL VAPOR EXTRACTION LINE NO.1 (ABANDONED)
- SOIL VAPOR EXTRACTION LINE NO.2 (ABANDONED)
- AIR SPARGE COMPRESSED AIR LINE (ABANDONED)
- FENCE
- POWER LINE
- UNDERGROUND POWER LINE
- TELEPHONE LINE
- WATER LINE
- LIGHT POLE
- POWER POLE
- TREE LINE

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5. LOCATION OF UST45/S941-PW01R, UST45/S941-MW02R, UST45/S941-MW03R, AND UST45/S941-MW21 ARE APPROXIMATE.

IR84-MW09 IR84-MW10

IR84-MW-23

IR84-MW08
IR84-MW07

IR84-MW20

IR84-MW13
IR84-MW14

EXISTING DRAINAGE INLET AND ENTIRE LENGTH OF PIPE TO BE REMOVED

DRAINAGE INLET

PIPE

DRIVE ROAD

PIPE

PIPE OUTLET

PIPE

PIPE OUTLET

PIPE

PIPE

PIPE

PIPE

PIPE

PIPE

PIPE

PIPE

PIPE

PIPE

PIPE

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PIPE

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PIPE

PIPE

PIPE

PIPE

IR84-MW17

IR84-MW02
IR84-MW01

IR84-MW-22

IR84-MW-16

IR84-MW-10

IR84-MW-03/45

IR84-MW-18

IR84-MW-11

IR84-MW-09

IR84-MW-07

IR84-MW-05

IR84-MW-03

IR84-MW-01

IR84-MW-02

IR84-MW-04

IR84-MW-06

IR84-MW-08

IR84-MW-10

IR84-MW-12

IR84-MW-14

IR84-MW-16

IR84-MW-18

IR84-MW-20

IR84-MW-22

IR84-MW-24

IR84-MW-26

IR84-MW-28

IR84-MW-30

IR84-MW-32

IR84-MW-34

IR84-MW-36

IR84-MW-38

IR84-MW-40

IR84-MW-42

IR84-MW-44

IR84-MW-46

IR84-MW-48

IR84-MW-50

IR84-MW-52

IR84-MW-54

IR84-MW-56

IR84-MW-58

IR84-MW-60

IR84-MW-62

IR84-MW-64

IR84-MW-66

IR84-MW-68

IR84-MW-70

IR84-MW-72

IR84-MW-74

IR84-MW-76

IR84-MW-78

IR84-MW-80

IR84-MW-82

IR84-MW-84

IR84-MW-86

IR84-MW-88

IR84-MW-90

IR84-MW-92

IR84-MW-94

IR84-MW-96

IR84-MW-98

IR84-MW-100

IR84-MW-102

IR84-MW-104

IR84-MW-106

IR84-MW-108

IR84-MW-110

IR84-MW-112

IR84-MW-114

IR84-MW-116

IR84-MW-118

IR84-MW-120

IR84-MW-122

IR84-MW-124

IR84-MW-126

IR84-MW-128

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IR84-MW-132

IR84-MW-134

IR84-MW-136

IR84-MW-138

IR84-MW-140

IR84-MW-142

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IR84-MW-146

IR84-MW-148

IR84-MW-150

IR84-MW-152

IR84-MW-154

IR84-MW-156

IR84-MW-158

IR84-MW-160

IR84-MW-162

IR84-MW-164

IR84-MW-166

IR84-MW-168

IR84-MW-170

IR84-MW-172

IR84-MW-174

IR84-MW-176

IR84-MW-178

IR84-MW-180

IR84-MW-182

IR84-MW-184

IR84-MW-186

IR84-MW-188

IR84-MW-190

IR84-MW-192

IR84-MW-194

IR84-MW-196

IR84-MW-198

IR84-MW-200

IR84-MW-202

IR84-MW-204

IR84-MW-206

IR84-MW-208

IR84-MW-210

IR84-MW-212

IR84-MW-214

IR84-MW-216

IR84-MW-218

IR84-MW-220

IR84-MW-222

IR84-MW-224

IR84-MW-226

IR84-MW-228

IR84-MW-230

IR84-MW-232

IR84-MW-234

IR84-MW-236

IR84-MW-238

IR84-MW-240

IR84-MW-242

IR84-MW-244

IR84-MW-246

IR84-MW-248

IR84-MW-250

IR84-MW-252

IR84-MW-254

IR84-MW-256

IR84-MW-258

IR84-MW-260

IR84-MW-262

IR84-MW-264

IR84-MW-266

IR84-MW-268

IR84-MW-270

IR84-MW-272

IR84-MW-274

IR84-MW-276

IR84-MW-278

IR84-MW-280

IR84-MW-282

IR84-MW-284

IR84-MW-286

IR84-MW-288

IR84-MW-290

IR84-MW-292

IR84-MW-294

IR84-MW-296

IR84-MW-298

IR84-MW-300

IR84-MW-302

IR84-MW-304

IR84-MW-306

IR84-MW-308

IR84-MW-310

IR84-MW-312

IR84-MW-314

IR84-MW-316

IR84-MW-318

IR84-MW-320

IR84-MW-322

IR84-MW-324

IR84-MW-326

IR84-MW-328

IR84-MW-330

IR84-MW-332

IR84-MW-334

IR84-MW-336

IR84-MW-338

IR84-MW-340

IR84-MW-342

IR84-MW-344

IR84-MW-346

IR84-MW-348

IR84-MW-350

IR84-MW-352

IR84-MW-354

IR84-MW-356

IR84-MW-358

IR84-MW-360

IR84-MW-362

IR84-MW-364

IR84-MW-366

IR84-MW-368

IR84-MW-370

IR84-MW-372

IR84-MW-374

IR84-MW-376

IR84-MW-378

IR84-MW-380

IR84-MW-382

IR84-MW-384

IR84-MW-386

IR84-MW-388

IR84-MW-390

IR84-MW-392

IR84-MW-394

IR84-MW-396

IR84-MW-398

IR84-MW-400

IR84-MW-402

IR84-MW-404

IR84-MW-406

IR84-MW-408

IR84-MW-410

IR84-MW-412

IR84-MW-414

IR84-MW-416

IR84-MW-418

IR84-MW-420

IR84-MW-422

IR84-MW-424

IR84-MW-426

IR84-MW-428

IR84-MW-430

IR84-MW-432

IR84-MW-434

IR84-MW-436

IR84-MW-438

IR84-MW-440

IR84-MW-442

IR84-MW-444

IR84-MW-446

IR84-MW-448

IR84-MW-450

IR84-MW-452

IR84-MW-454

IR84-MW-456

IR84-MW-4

APPENDIX A
HISTORICAL GROUNDWATER DATA

Table 4-1 (Page 1 of 8)

Volatile and Semi-Volatile Organic Compounds Detected in Groundwater - Building 45

September 2003

Marine Corps Base Camp Lejeune, North Carolina

Sample Location Date Sampled	NCGWQS	MW8 09/29/03	MW9 09/29/03	MW13 09/30/03	MW14 09/30/03	MW15 09/30/03	MW16 09/30/03	MW17 09/29/03
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	16.6	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	0.72 J	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	15.2	<1.0	<1.0	<1.0	<1.0	<1.0
Total BTEX		ND	17.32	ND	ND	ND	ND	ND
PAHs (ug/L) / Method		EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<5.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acenaphthylene	210	<5.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Anthracene	2100	<5.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR	NR
Fluorene	280	<5.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1-Methylnaphthalene	RL	<5.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Methylnaphthalene	14	<5.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	21	<5.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Phenanthrene	210	<5.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyrene	210	<5.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Sample Location Date Sampled	NCGWQS	MW18 09/30/03	MW19 09/30/03	MW20 09/30/03	MW1/45 09/30/03	MW1/45 Duplicate 09/30/03	MW4/45 09/30/03
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<3.0	<1.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0
Total BTEX	0	ND	ND	ND	ND	ND	ND
PAHs (ug/L) / Method		EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<5.1	<5.0	<5.0	<5.0	<5.1	<5.1
Acenaphthylene	210	<5.1	<5.0	<5.0	<5.0	<5.1	<5.1
Anthracene	2100	<5.1	<5.0	<5.0	<5.0	<5.1	<5.1
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR
Fluorene	280	<5.1	<5.0	<5.0	<5.0	<5.1	NR
1-Methylnaphthalene	RL	<5.1	<5.0	<5.0	<5.0	<5.1	<5.1
2-Methylnaphthalene	14	<5.1	<5.0	<5.0	<5.0	<5.1	<5.1
Naphthalene	21	<5.1	<5.0	<5.0	<5.0	<5.1	<5.1
Phenanthrene	210	<5.1	<5.0	<5.0	<5.0	<5.1	<5.1
Pyrene	210	<5.1	<5.0	<5.0	<5.0	<5.1	<5.1

NCGWQS: North Carolina Groundwater Quality Standard

RL: Reporting Limit, no NCGWQS established for the constituent; therefore, the NCGWQS for the constituent is the reporting limit

Total BTEX: Sum of detected concentrations of benzene, toluene, ethylbenzene, and xylene isomers

ND: None detected; no benzene, toluene, ethylbenzene, or xylene isomers were detected

ug/L: micrograms per liter

NR: not detected at the indicated reporting limit

J: estimated concentration less than reporting limit

Bold type indicates detectable concentrations.

Shaded area indicates detectable concentration above the North Carolina Groundwater Quality Standards

Table 4-1 (Page 2 of 8)
Volatile and Semi-Volatile Organic Compounds Detected in Groundwater - Building 45
December 2003

Marine Corps Base Camp Lejeune, North Carolina

Sample Location Date Sampled	NCGWQS	MW8 12/12/03	MW9 12/15/03	MW13 12/12/03	MW14 12/15/03	MW15 12/15/03	MW17 12/12/03
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	16.4	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	0.78 J	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	17.0	<1.0	<1.0	<1.0	<1.0
Total BTEX		ND	17.18	ND	ND	ND	ND
PAHs (ug/L) / Method		EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1
Acenaphthylene	210	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1
Anthracene	2100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR
Fluorene	280	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1
1-Methylnaphthalene	RL	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1
2-Methylnaphthalene	14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1
Naphthalene	21	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1
Phenanthrene	210	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1
Pyrene	210	<5.0	<5.0	<5.0	<5.0	<5.0	<5.1

Sample Location Date Sampled	NCGWQS	MW18 12/12/03	MW19 12/12/03	MW20 12/15/03	MW1/45 12/15/03	MW4/45 12/15/03	MW4/45 Duplicate 12/15/03
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<3.0	<3.0	<1.0
Methyl Tert Butyl Ether	200	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
Total BTEX	0	ND	ND	ND	ND	ND	ND
PAHs (ug/L) / Method		EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<5.0	<5.3	<5.0	<5.0	<5.1	<5.0
Acenaphthylene	210	<5.0	<5.3	<5.0	<5.0	<5.1	<5.0
Anthracene	2100	<5.0	<5.3	<5.0	<5.0	<5.1	<5.0
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR
Fluorene	280	<5.0	<5.3	<5.0	<5.0	<5.1	<5.0
1-Methylnaphthalene	RL	<5.0	<5.3	<5.0	<5.0	<5.1	<5.0
2-Methylnaphthalene	14	<5.0	<5.3	<5.0	<5.0	<5.1	<5.0
Naphthalene	21	<5.0	<5.3	<5.0	<5.0	<5.1	<5.0
Phenanthrene	210	<5.0	<5.3	<5.0	<5.0	<5.1	<5.0
Pyrene	210	<5.0	<5.3	<5.0	<5.0	<5.1	<5.0

NCGWQS: North Carolina Groundwater Quality Standard

RL: Reporting Limit, no NCGWQS established for the constituent; therefore, the NCGWQS for the constituent is the reporting limit

Total BTEX: Sum of detected concentrations of benzene, toluene, ethylbenzene, and xylene isomers

ND: None detected; no benzene, toluene, ethylbenzene, or xylene isomers were detected

ug/L: micrograms per liter

<#: not detected at the indicated reporting limit

J: estimated concentration less than reporting limit

Bold type indicates detectable concentrations.

Shaded area indicates detectable concentration above the North Carolina Groundwater Quality Standards

Table 4-1 (Page 3 of 8)
Volatile and Semi-Volatile Organic Compounds Detected in Groundwater - Building 45
March 2004

Marine Corps Base Camp Lejeune, North Carolina

Sample Location Date Sampled	NCGWQS	MW8 03/08/04	MW9 04/29/04	MW13 03/08/04	MW14 03/09/04	MW15 03/09/04	MW17 03/08/04
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	12.4	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	2.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	0.57 J	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	3.3	<3.0	<3.0	<3.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	22.7	<1.0	<1.0	<1.0	<1.0
Total BTEX		ND	18.27	ND	ND	ND	ND
PAHs (ug/L) / Method		EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<5.1	<5.0	<5.1	<5.1	<5.2	<5.0
Acenaphthylene	210	<5.1	<5.0	<5.1	<5.1	<5.2	<5.0
Anthracene	2100	<5.1	<5.0	<5.1	<5.1	<5.2	<5.0
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR
Fluorene	280	<5.1	<5.0	<5.1	<5.1	<5.2	<5.0
1-Methylnaphthalene	RL	<5.1	<5.0	<5.1	<5.1	<5.2	<5.0
2-Methylnaphthalene	14	<5.1	<5.0	<5.1	<5.1	<5.2	<5.0
Naphthalene	21	<5.1	<5.0	<5.1	<5.1	<5.2	<5.0
Phenanthrene	210	<5.1	<5.0	<5.1	<5.1	<5.2	<5.0
Pyrene	210	<5.1	<5.0	<5.1	<5.1	<5.2	<5.0

Sample Location Date Sampled	NCGWQS	MW18 03/08/04	MW19 03/08/04	MW20 03/08/04	MW1/45 03/09/04	MW1/45 Duplicate 03/09/04	MW4/45 03/09/04
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<3.0	<1.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0
Total BTEX	0	ND	ND	ND	ND	ND	ND
PAHs (ug/L) / Method		EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<5.1	<5.1	<5.0	<5.0	<5.0	<5.2
Acenaphthylene	210	<5.1	<5.1	<5.0	<5.0	<5.0	<5.2
Anthracene	2100	<5.1	<5.1	<5.0	<5.0	<5.0	<5.2
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR
Fluorene	280	<5.1	<5.1	<5.0	<5.0	<5.0	<5.2
1-Methylnaphthalene	RL	<5.1	<5.1	<5.0	<5.0	<5.0	<5.2
2-Methylnaphthalene	14	<5.1	<5.1	<5.0	<5.0	<5.0	<5.2
Naphthalene	21	<5.1	<5.1	<5.0	<5.0	<5.0	<5.2
Phenanthrene	210	<5.1	<5.1	<5.0	<5.0	<5.0	<5.2
Pyrene	210	<5.1	<5.1	<5.0	<5.0	<5.0	<5.2

NCGWQS: North Carolina Groundwater Quality Standard

RL: Reporting Limit, no NCGWQS established for the constituent; therefore, the NCGWQS for the constituent is the reporting limit

Total BTEX: Sum of detected concentrations of benzene, toluene, ethylbenzene, and xylene isomers

ND: None detected; no benzene, toluene, ethylbenzene, or xylene isomers were detected

ug/L: micrograms per liter

J: not detected at the indicated reporting limit

J: estimated concentration less than reporting limit

Bold type indicates detectable concentrations.

Shaded area indicates detectable concentration above the North Carolina Groundwater Quality Standards

Table 4-1 (Page 4 of 8)
Volatile and Semi-Volatile Organic Compounds Detected in Groundwater - Building 45
July 2004

Marine Corps Base Camp Lejeune, North Carolina

Sample Location Date Sampled	NCGWQS	MW7 07/14/04	MW8 07/14/04	MW9 07/14/04	MW9 Duplicate 07/14/04	MW13 07/15/04	MW14 07/15/04	MW15 07/15/04
VOCs (ug/L) / Method		<u>EPA 602</u>	<u>EPA 602</u>	<u>EPA 602</u>	<u>EPA 602</u>	<u>EPA 602</u>	<u>EPA 602</u>	<u>EPA 602</u>
Benzene	1	<1.0	<1.0	9.1	9.3	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	<1.0	21.7	22.0	<1.0	<1.0	<1.0
Total BTEX		ND	ND	9.1	9.3	ND	ND	ND
PAHs (ug/L) / Method		<u>EPA 610</u>	<u>EPA 610</u>	<u>EPA 610</u>	<u>EPA 610</u>	<u>EPA 610</u>	<u>EPA 610</u>	<u>EPA 610</u>
Acenaphthene	80	<4.8	<4.9	<4.8	<4.9	<4.8	<4.9	<5.1
Acenaphthylene	210	<4.8	<4.9	<4.8	<4.9	<4.8	<4.9	<5.1
Anthracene	2100	<4.8	<4.9	<4.8	<4.9	<4.8	<4.9	<5.1
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR	NR
Fluorene	280	NR	<4.9	<4.8	<4.9	<4.8	<4.9	<5.1
1-Methylnaphthalene	RL	<4.8	<4.9	<4.8	<4.9	<4.8	<4.9	<5.1
2-Methylnaphthalene	14	<4.8	<4.9	<4.8	<4.9	<4.8	<4.9	<5.1
Naphthalene	21	<4.8	<4.9	<4.8	<4.9	<4.8	<4.9	<5.1
Phenanthrene	210	<4.8	<4.9	<4.8	<4.9	<4.8	<4.9	<5.1
Pyrene	210	<4.8	<4.9	<4.8	<4.9	<4.8	<4.9	<5.1

Sample Location Date Sampled	NCGWQS	MW17 07/14/04	MW18 07/15/04	MW19 07/15/04	MW20 07/15/04	MW21 07/15/04	MW1/45 07/15/04	MW4/45 07/15/04
VOCs (ug/L) / Method		<u>EPA 602</u>	<u>EPA 602</u>	<u>EPA 602</u>	<u>EPA 602</u>	<u>EPA 602</u>	<u>EPA 602</u>	<u>EPA 602</u>
Benzene	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	0.80 J	<1.0	<1.0	<1.0	<1.0	<1.0
Total BTEX	0	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/L) / Method		<u>EPA 610</u>	<u>EPA 610</u>	<u>EPA 610</u>	<u>EPA 610</u>	<u>EPA 610</u>	<u>EPA 610</u>	<u>EPA 610</u>
Acenaphthene	80	<4.8	<4.9	<4.8	<4.8	<5.2	<5.3	<5.0
Acenaphthylene	210	<4.8	<4.9	<4.8	<4.8	<5.2	<5.3	<5.0
Anthracene	2100	<4.8	<4.9	<4.8	<4.8	<5.2	<5.3	<5.0
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR	NR
Fluorene	280	<4.8	<4.9	<4.8	<4.8	<5.2	<5.3	<5.0
1-Methylnaphthalene	RL	<4.8	<4.9	<4.8	<4.8	<5.2	<5.3	<5.0
2-Methylnaphthalene	14	<4.8	<4.9	<4.8	<4.8	<5.2	<5.3	<5.0
Naphthalene	21	<4.8	<4.9	<4.8	<4.8	<5.2	<5.3	<5.0
Phenanthrene	210	<4.8	<4.9	<4.8	<4.8	<5.2	<5.3	<5.0
Pyrene	210	<4.8	<4.9	<4.8	<4.8	<5.2	<5.3	<5.0

NCGWQS: North Carolina Groundwater Quality Standard

RL: Reporting Limit, no NCGWQS established for the constituent; therefore, the NCGWQS for the constituent is the reporting limit

Total BTEX: Sum of detected concentrations of benzene, toluene, ethylbenzene, and xylene isomers

ND: None detected; no benzene, toluene, ethylbenzene, or xylene isomers were detected

ug/L: micrograms per liter

<#: not detected at the indicated reporting limit

J: estimated concentration less than reporting limit

Bold type indicates detectable concentrations.

Shaded area indicates detectable concentration above the North Carolina Groundwater Quality Standards

Table 4-1 (Page 5 of 8)
Volatile and Semi-Volatile Organic Compounds Detected in Groundwater - Building 45
September 2004

Marine Corps Base Camp Lejeune, North Carolina

Sample Location Date Sampled	NCGWQS	MW7 09/13/04	MW8 09/22/04	MW9 09/13/04	MW9 Duplicate 09/13/04	MW13 09/22/04	MW14 09/13/04	MW15 09/22/04
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	<1.0	8.2	8.1	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	<1.0	20.2	21.0	<1.0	<1.0	<1.0
Total BTEX		ND	ND	8.2	8.1	ND	ND	ND
PAHs (ug/L) / Method		EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<4.8	<4.8	<4.8	<4.9	<4.8	<4.8	<4.8
Acenaphthylene	210	<4.8	<4.8	<4.8	<4.9	<4.8	<4.8	<4.8
Anthracene	2100	<4.8	<4.8	<4.8	<4.9	<4.8	<4.8	<4.8
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR	NR
Fluorene	280	NR	<4.8	<4.8	<4.9	<4.8	<4.8	<4.8
1-Methylnaphthalene	RL	<4.8	<4.8	<4.8	<4.9	<4.8	<4.8	<4.8
2-Methylnaphthalene	14	<4.8	<4.8	<4.8	<4.9	<4.8	<4.8	<4.8
Naphthalene	21	<4.8	<4.8	<4.8	<4.9	<4.8	<4.8	<4.8
Phenanthrene	210	<4.8	<4.8	<4.8	<4.9	<4.8	<4.8	<4.8
Pyrene	210	<4.8	<4.8	<4.8	<4.9	<4.8	<4.8	<4.8

Sample Location Date Sampled	NCGWQS	MW17 09/13/04	MW18 09/22/04	MW19 09/13/04	MW20 09/13/04	MW21 09/13/04	MW14/5 09/22/04	MW4/45 09/22/04
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0
Total BTEX	0	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/L) / Method		EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<5.1	<4.8	<4.8	<4.8	<5.0	<4.8	<5.0
Acenaphthylene	210	<5.1	<4.8	<4.8	<4.8	<5.0	<4.8	<5.0
Anthracene	2100	<5.1	<4.8	<4.8	<4.8	<5.0	<4.8	<5.0
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR	NR
Fluorene	280	<5.1	<4.8	<4.8	<4.8	<5.0	<4.8	<5.0
1-Methylnaphthalene	RL	<5.1	<4.8	<4.8	<4.8	<5.0	<4.8	<5.0
2-Methylnaphthalene	14	<5.1	<4.8	<4.8	<4.8	<5.0	<4.8	<5.0
Naphthalene	21	<5.1	<4.8	<4.8	<4.8	<5.0	<4.8	<5.0
Phenanthrene	210	<5.1	<4.8	<4.8	<4.8	<5.0	<4.8	<5.0
Pyrene	210	<5.1	<4.8	<4.8	<4.8	<5.0	<4.8	<5.0

NCGWQS: North Carolina Groundwater Quality Standard

RL: Reporting Limit, no NCGWQS established for the constituent; therefore, the NCGWQS for the constituent is the reporting limit

Total BTEX: Sum of detected concentrations of benzene, toluene, ethylbenzene, and xylene isomers

ND: None detected; no benzene, toluene, ethylbenzene, or xylene isomers were detected

ug/L: micrograms per liter

#: not detected at the indicated reporting limit

J: estimated concentration less than reporting limit

Bold type indicates detectable concentrations.

Shaded area indicates detectable concentration above the North Carolina Groundwater Quality Standards

Table 4-1 (Page 6 of 8)
Volatile and Semi-Volatile Organic Compounds Detected in Groundwater - Building 45
December 2004

Marine Corps Base Camp Lejeune, North Carolina

Sample Location Date Sampled	NCGWQS	MW7 12/21/04	MW8 12/21/04	MW9 12/21/04	MW13 12/20/04	MW14 12/20/04	MW15 12/20/04	MW17 12/21/04
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	<1.0	6.7	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	<1.0	21.6	<1.0	<1.0	<1.0	<1.0
Total BTEX		ND	ND	6.7	ND	ND	ND	ND
PAHs (ug/L) / Method		EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<4.8	<4.8	<4.8	<5.2	<5.5	<4.8	<4.8
Acenaphthylene	210	<4.8	<4.8	<4.8	<5.2	<5.5	<4.8	<4.8
Anthracene	2100	<4.8	<4.8	<4.8	<5.2	<5.5	<4.8	<4.8
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR	NR
Fluorene	280	NR	<4.8	<4.8	<5.2	<5.5	<4.8	<4.8
1-Methylnaphthalene	RL	<4.8	<4.8	<4.8	<5.2	<5.5	<4.8	<4.8
2-Methylnaphthalene	14	<4.8	<4.8	<4.8	<5.2	<5.5	<4.8	<4.8
Naphthalene	21	<4.8	<4.8	<4.8	<5.2	<5.5	<4.8	<4.8
Phenanthrene	210	<4.8	<4.8	<4.8	<5.2	<5.5	<4.8	<4.8
Pyrene	210	<4.8	<4.8	<4.8	<5.2	<5.5	<4.8	<4.8

Sample Location Date Sampled	NCGWQS	MW18 12/20/04	MW19 12/20/04	MW20 12/21/04	MW21 12/20/04	MW21 Duplicate 12/20/04	MW1_45 12/20/04	MW4_45 12/21/04
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0
Methyl Tert Butyl Ether	200	1.1	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
Total BTEX	0	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/L) / Method		EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<5.6	<5.9	<4.8	<4.8	<6.0	<5.0	<5.1
Acenaphthylene	210	<5.6	<5.9	<4.8	<4.8	<6.0	<5.0	<5.1
Anthracene	2100	<5.6	<5.9	<4.8	<4.8	<6.0	<5.0	<5.1
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR	NR
Fluorene	280	<5.6	<5.9	<4.8	<4.8	<6.0	<5.0	<5.1
1-Methylnaphthalene	RL	<5.6	<5.9	<4.8	<4.8	<6.0	<5.0	<5.1
2-Methylnaphthalene	14	<5.6	<5.9	<4.8	<4.8	<6.0	<5.0	<5.1
Naphthalene	21	<5.6	<5.9	<4.8	<4.8	<6.0	<5.0	<5.1
Phenanthrene	210	<5.6	<5.9	<4.8	<4.8	<6.0	<5.0	<5.1
Pyrene	210	<5.6	<5.9	<4.8	<4.8	<6.0	<5.0	<5.1

NCGWQS: North Carolina Groundwater Quality Standard

RL: Reporting Limit, no NCGWQS established for the constituent; therefore, the NCGWQS for the constituent is the reporting limit

Total BTEX: Sum of detected concentrations of benzene, toluene, ethylbenzene, and xylene isomers

ND: None detected; no benzene, toluene, ethylbenzene, or xylene isomers were detected

ug/L: micrograms per liter

<#: not detected at the indicated reporting limit

J: estimated concentration less than reporting limit

Bold type indicates detectable concentrations.

Shaded area indicates detectable concentration above the North Carolina Groundwater Quality Standards

Table 4-1 (Page 7 of 8)
Volatile and Semi-Volatile Organic Compounds Detected in Groundwater - Building 45
March 2005
Marine Corps Base Camp Lejeune, North Carolina

Sample Location Date Sampled	NCGWQS	MW7 03/03/05	MW8 03/04/05	MW9 03/03/05	MW9 Duplicate 03/04/05	MW13 03/03/05	MW14 03/03/05	MW15 03/03/05	MW17 03/03/05	MW18 03/04/05
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	<1.0	5.0	5.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	<1.0	20.2	20.2	<1.0	<1.0	<1.0	<1.0	1.1
Total BTEX		ND	ND	5	5	ND	ND	ND	ND	ND
PAHs (ug/L) / Method		EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<5.2	<4.8	<5.0	<4.9	<5.0	<4.8	<5.4	<4.8	<5.6
Acenaphthylene	210	<5.2	<4.8	<5.0	<4.9	<5.0	<4.8	<5.4	<4.8	<5.6
Anthracene	2100	<5.2	<4.8	<5.0	<4.9	<5.0	<4.8	<5.4	<4.8	<5.6
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR	NR	NR	NR
Fluorene	280	NR	<4.8	<5.0	<4.9	<5.0	<4.8	<5.4	<4.8	<5.6
1-Methylnaphthalene	RL	<5.2	<4.8	<5.0	<4.9	<5.0	<4.8	<5.4	<4.8	<5.6
2-Methylnaphthalene	14	<5.2	<4.8	<5.0	<4.9	<5.0	<4.8	<5.4	<4.8	<5.6
Naphthalene	21	<5.2	<4.8	<5.0	<4.9	<5.0	<4.8	<5.4	<4.8	<5.6
Phenanthrene	210	<5.2	<4.8	<5.0	<4.9	<5.0	<4.8	<5.4	<4.8	<5.6
Pyrene	210	<5.2	<4.8	<5.0	<4.9	<5.0	<4.8	<5.4	<4.8	<5.6

Sample Location Date Sampled	NCGWQS	MW19 03/03/05	MW20 03/03/05	MW21 03/03/05	MW23 03/04/05	MW24 03/04/05	MW1/45 03/02/05	MW4/45 03/02/05	PW2 03/04/05
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total BTEX	0	ND	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/L) / Method	0	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<4.8	<4.9	<4.8	<4.8	<5.0	<5.0	<4.9	<5.0
Acenaphthylene	210	<4.8	<4.9	<4.8	<4.8	<5.0	<5.0	<4.9	<5.0
Anthracene	2100	<4.8	<4.9	<4.8	<4.8	<5.0	<5.0	<4.9	<5.0
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR	NR	NR
Fluorene	280	<4.8	<4.9	<4.8	<4.8	<5.0	<5.0	<4.9	<5.0
1-Methylnaphthalene	RL	<4.8	<4.9	<4.8	<4.8	<5.0	<5.0	<4.9	<5.0
2-Methylnaphthalene	14	<4.8	<4.9	<4.8	<4.8	<5.0	<5.0	<4.9	<5.0
Naphthalene	21	<4.8	<4.9	<4.8	<4.8	<5.0	<5.0	<4.9	<5.0
Phenanthrene	210	<4.8	<4.9	<4.8	<4.8	<5.0	<5.0	<4.9	<5.0
Pyrene	210	<4.8	<4.9	<4.8	<4.8	<5.0	<5.0	<4.9	<5.0

NCGWQS: North Carolina Groundwater Quality Standard

RL: Reporting Limit, no NCGWQS established for the constituent; therefore, the NCGWQS for the constituent is the reporting limit

Total BTEX: Sum of detected concentrations of benzene, toluene, ethylbenzene, and xylene isomers

ND: None detected; no benzene, toluene, ethylbenzene, or xylene isomers were detected

L: micrograms per liter

: not detected at the indicated reporting limit

J: estimated concentration less than reporting limit

Bold type indicates detectable concentrations.

Shaded area indicates detectable concentration above the North Carolina Groundwater Quality Standards

Table 4-1 (Page 8 of 8)
Volatile and Semi-Volatile Organic Compounds Detected in Groundwater - Building 45
June 2005

Marine Corps Base Camp Lejeune, North Carolina

Sample Location Date Sampled	NCGWQS	MW7 06/14/05	MW8 06/14/05	MW9 06/14/05	MW9 Duplicate 06/14/05	MW13 06/14/05	MW14 06/14/05	MW15 06/14/05	MW17 06/14/05	MW18 06/14/05
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	<1.0	4.6	4.5	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	<1.0	13.9	13.5	<1.0	<1.0	<1.0	<1.0	1.0
Total BTEX		ND	ND	4.6	4.5	ND	ND	ND	ND	ND
PAHs (ug/L) / Method		EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<4.8	<5.2	<5.1	<5.2	<5.0	<5.0	<5.0	<4.8	<5.0
Acenaphthylene	210	<4.8	<5.2	<5.1	<5.2	<5.0	<5.0	<5.0	<4.8	<5.0
Anthracene	2100	<4.8	<5.2	<5.1	<5.2	<5.0	<5.0	<5.0	<4.8	<5.0
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR	NR	NR	NR
Fluorene	280	NR	<5.2	<5.1	<5.2	<5.0	<5.0	<5.0	<4.8	<5.0
1-Methylnaphthalene	RL	<4.8	<5.2	<5.1	<5.2	<5.0	<5.0	<5.0	<4.8	<5.0
2-Methylnaphthalene	14	<4.8	<5.2	<5.1	<5.2	<5.0	<5.0	<5.0	<4.8	<5.0
Naphthalene	21	<4.8	<5.2	<5.1	<5.2	<5.0	<5.0	<5.0	<4.8	<5.0
Phenanthrene	210	<4.8	<5.2	<5.1	<5.2	<5.0	<5.0	<5.0	<4.8	<5.0
Pyrene	210	<4.8	<5.2	<5.1	<5.2	<5.0	<5.0	<5.0	<4.8	<5.0

Sample Location Date Sampled	NCGWQS	MW19 06/14/05	MW20 06/14/05	MW21 06/14/05	MW23 06/14/05	MW24 06/14/05	MW1_45 06/14/05	MW4_45 06/14/05	PW2 06/14/05
VOCs (ug/L) / Method		EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602	EPA 602
Benzene	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	620	<1.0	<1.0	<1.0	0.54 J	<1.0	<1.0	<1.0	0.57 J
Ethylbenzene	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	530	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Methyl Tert Butyl Ether	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total BTEX	0	ND	ND	ND	ND	ND	ND	ND	ND
PAHs (ug/L) / Method		EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610	EPA 610
Acenaphthene	80	<5.1	<5.2	<5.0	<4.9	<4.8	<5.0	<5.1	<5.1
Acenaphthylene	210	<5.1	<5.2	<5.0	<4.9	<4.8	<5.0	<5.1	<5.1
Anthracene	2100	<5.1	<5.2	<5.0	<4.9	<4.8	<5.0	<5.1	<5.1
Bis(2-Ethylhexyl)phthalate	3	NR	NR	NR	NR	NR	NR	NR	NR
Fluorene	280	<5.1	<5.2	<5.0	<4.9	<4.8	<5.0	<5.1	<5.1
1-Methylnaphthalene	RL	<5.1	<5.2	<5.0	<4.9	<4.8	<5.0	<5.1	<5.1
2-Methylnaphthalene	14	<5.1	<5.2	<5.0	<4.9	<4.8	<5.0	<5.1	<5.1
Naphthalene	21	<5.1	<5.2	<5.0	<4.9	<4.8	<5.0	<5.1	<5.1
Phenanthrene	210	<5.1	<5.2	<5.0	<4.9	<4.8	<5.0	<5.1	<5.1
Pyrene	210	<5.1	<5.2	<5.0	<4.9	<4.8	<5.0	<5.1	<5.1

NCGWQS: North Carolina Groundwater Quality Standard

RL: Reporting Limit, no NCGWQS established for the constituent; therefore, the NCGWQS for the constituent is the reporting limit

Total BTEX: Sum of detected concentrations of benzene, toluene, ethylbenzene, and xylene isomers

ND: None detected; no benzene, toluene, ethylbenzene, or xylene isomers were detected

ug/L: micrograms per liter

<#: not detected at the indicated reporting limit

J: estimated concentration less than reporting limit

Bold type indicates detectable concentrations.

Shaded area indicates detectable concentration above the North Carolina Groundwater Quality Standards

Historical Data Table
Analytical Data for November 2005 Sampling Event
Building 45, MCB Camp Lejeune

Parameter	NCGWQS	GCL	PW-01R	MW-02R	MW-03R	MW-06	MW-07	MW-08	MW-09	MW-18	MW-19
VOCs by EPA Method 6210D (µg/L)											
All Compounds	Varies	Varies	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Benzene	1	5,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.69	<1.00	<1.00
Diisopropyl ether (DIPE)	70	70,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Ethylbenzene	550	84,500	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Methyl-tert butyl ether (MTBE)	200	200,000	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	4.39	<2.00	<2.00
Toluene	1,000	257,500	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Xylenes (total)	530	87,500	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
SVOCs by EPA Method 625 (µg/L)											
Bis(2-ethylhexyl)phthalate	2.5	2,500	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Flourene	280	950	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Naphthalene	21	15,500	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Phenol	300	300,000	< 10.0	< 10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
TICs (total)			<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	43.03	<10.0
All other Compounds	Varies	Varies	< 10.0	< 10.0	< 10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EPA 200.7 / SM 3030C (ug/L)											
Lead	15	15,000	< 5.00 B	< 5.00 B	< 5.00 B	< 5.00 B	< 5.00 B	< 5.00 B	< 5.00 B	< 5.00 B	< 5.00 B

Bold type indicates detectable contaminant concentrations

Bold and shaded indicates detectable concentrations above the NCGWQS

Bold and shaded indicates detectable concentrations above the GCL

NCGWQS - North Carolina Groundwater Quality Standard

GCL - Gross Contaminant Level

<# - not detected at the indicated reporting limit

ug/L - micrograms per liter

NE - Not established

RL - the NCGWQS for the constituent is the reporting limit

ND - None detected (no summed constituents were detected)

J - estimated concentration between minimum detection limit and reporting limit

B - Amount in prep blank > MDL

No duplicate for this sampling event

Historical Data Table
Analytical Data for April 2006 Sampling Event
Building 45, MCB Camp Lejeune

Parameter	NCGWQS	GCL	PW-01R	MW-02R	MW-03R	MW-04	MW-05	MW-06	MW-07	MW-08	MW-09	MW-12	MW-13	MW-14	MW-15	MW-17	MW-18	MW-19	MW-20	MW-21	MW-01/45	MW-04/45
VOCs by EPA Method 6210D (ug/L)																						
All Compounds	Varies	Varies	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Benzene	1	5,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5.87	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Diisopropyl ether (DIPE)	70	70,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Ethylbenzene	550	84,500	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Methyl-tert butyl ether (MTBE)	200	200,000	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	4.46	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Toluene	1,000	257,500	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Xylenes (total)	530	87,500	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
SVOCs by EPA Method 625 (ug/L)																						
Bis(2-ethylhexyl)phthalate	2.5	2,500	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Flourene	280	950	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Naphthalene	21	15,500	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Phenol	300	300,000	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
TICs (total)			<10.0	<10.0	<10.0	<10.0	9.88	<10.0	21	<10.0	20.1	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
All other Compounds	Varies	Varies	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EPA 200.7/7-SM-3030C (ug/L)																						
Lead	15	15,000	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B	<5.00 B

Bold type indicates detectable contaminant concentrations
Bold and shaded indicates detectable concentrations above the NCGWQS
Bold and shaded indicates detectable concentrations above the GCL
 NCGWQS - North Carolina Groundwater Quality Standard
 GCL - Gross Contaminant Level
 <U - not detected at the indicated reporting limit
 ug/L - micrograms per liter
 NE - Not established
 RL - the NCGWQS for the constituent is the reporting limit
 ND - None detected (no summed constituents were detected)
 J - estimated concentration between minimum detection limit and reporting limit
 B - Amount in prep blank > MDL

Historical Data Table
Analytical Data for August 2006 Sampling Event
Building 45, MCB Camp Lejeune

Parameter	NCGWQS	GCL	MW-01/45	MW-02R	MW-03R	MW-04	MW-04/45	MW-05	MW-06	MW-07	MW-08	MW-09	MW-12	MW-13	MW-14	MW-15	MW-17	MW-18	MW-19	MW-20	MW-21	PW-01R	Duplicate
VOCs by EPA Method 602 and 8260 (ug/L)																							
Benzene	1	5,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	6.16	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	6.17
Diisopropyl ether (DIPE)	70	70,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Ethylbenzene	550	84,500	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Toluene	200	200,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Xylenes (total)	1,000	257,500	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Methyl-tert butyl ether (MTBE)	530	87,500	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	5.06	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	5.13
1,2,4-Trimethylbenzene			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCS by EPA Method 625 and 8270 (ug/L)																							
Acenaphthene	80	2,120	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Bis(2-ethylhexyl)phthalate	2.50	2,500	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Naphthalene	21	15,500	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EPA 200.7/SM 3030C (ug/L)																							
Lead (EPA 6010B / SM 3030C) (ug/L)	15	15,000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Bold type indicates detectable contaminant concentrations
Bold and shaded indicates detectable concentrations above the NCGWQS
Bold and shaded indicates detectable concentrations above the GCL
NCGWQS - North Carolina Groundwater Quality Standard
GCL - Gross Contaminant Level
<I> - not detected at the indicated reporting limit
ug/L - micrograms per liter
NE - Not established
RL - the NCGWQS for the constituent is the reporting limit
ND - None detected (no summed constituents were detected)
J - estimated concentration between minimum detection limit and reporting limit
B - Amount in prep blank > MDL

Historical Data Table
Analytical Data for November 2006 Sampling Event
Building 45, MCB Camp Lejeune

Parameter	NCGWQS	GCL	MW-01/45	MW-02R	MW-03R	MW-04	MW-04/45	MW-05	MW-06	MW-07	MW-08	MW-09	MW-12	MW-13	MW-14	MW-15	MW-17	MW-18	MW-19	MW-20	MW-21	PW-01R	Duplicate
VOCs by EPA Method 602 and 8260 (ug/L)																							
Benzene	1	5,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	6.03	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	6.02
Diisopropyl ether (DIPE)	70	70,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	0.334 J	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	0.335 J
Ethylbenzene	550	84,500	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	0.319 J	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	0.298 J
Toluene	200	200,000	<1.00	1.40	0.378 J	<1.00	0.201 J	<1.00	1.15	1.2	1.36	1.32	<1.00	<1.00	<1.00	<1.00	0.940 J	<1.00	1.20	1.01	0.694 J	1.25	1.20
Xylenes (total)	1,000	257,500	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	1.979 J	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	0.689 J
Methyl-tert butyl ether (MTBE)	530	87,500	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	8.56	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	8.50
1,2,4- Trimethylbenzene			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs by EPA Method 625 and 8270 (ug/L)																							
Acenaphthene	80	2,120	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	1.30 J	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Bis(2-ethylhexyl)phthalate	2.50	2,500	<10.0	<10.0	<10.0	1.90 J	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Naphthalene	21	15,500	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	6.10 J	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EPA 200.7 / SM 3030C (ug/L)																							
Lead (EPA 6010B / SM 3030C)	15	15,000	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	0.825 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Bold type indicates detectable contaminant concentrations
Bold and shaded indicates detectable concentrations above the NCGWQS
Bold and shaded indicates detectable concentrations above the GCL
NCGWQS - North Carolina Groundwater Quality Standard
GCL - Gross Contaminant Level
<ll - not detected at the indicated reporting limit
ug/L - micrograms per liter
NE - Not established
RL - the NCGWQS for the constituent is the reporting limit
ND - None detected (no summed constituents were detected)
J - estimated concentration between minimum detection limit and reporting limit
B - Amount in prep blank > MDL

Historical Data Table
Analytical Data for January 2007 Sampling Event
Building 45, MCB Camp Lejeune

Parameter	NCGWQS	GCL	MW-01/45	MW-04/45	MW-09	MW-13	MW-14	MW-15	MW-21	Duplicate
VOCs by EPA Method 602 and 8260 (µg/L)										
Benzene	1	5,000	<1.00	<1.00	5.08	<1.00	<1.00	<1.00	<1.00	4.99
Diisopropyl ether (DIPE)	70	70,000	<1.00	<1.00	0.300 J	<1.00	<1.00	<1.00	<1.00	0.320 J
Ethylbenzene	550	84,500	0.350 J	0.370 J	0.410 J	<1.00	<1.00	<1.00	0.240 J	0.450 J
Toluene	200	200,000	1.24	1.22	1.57	0.690 J	0.890 J	1.05	1.27	1.79
Xylenes (total)	1,000	257,500	0.890 J	0.960 J	0.780 J	<2.00	<2.00	<2.00	0.450 J	0.870 J
Methyl-tert butyl ether (MTBE)	530	87,500	<2.00	<2.00	12.4	<2.00	<2.00	<2.00	0.440 J	13.2
1,2,4- Trimethylbenzene			0.330 J	0.490 J	<0.50	NS	<0.50	<0.50	<0.50	0.210 J
SVOCs by EPA Method 625 and 8270 (µg/L)										
Acenaphthene	80	2,120	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Bis(2-ethylhexyl)phthalate	2.50	2,500	<10.0	134	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Naphthalene	21	15,500	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EPA 200.7 / SM 3030C (ug/L)										
Lead (EPA 6010B / SM 3030C) (ug/L)	15	15,000	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	1.23 J	< 5.0	< 5.0

Bold type indicates detectable contaminant concentrations

Bold and shaded indicates detectable concentrations above the NCGWQS

Bold and shaded indicates detectable concentrations above the GCL

NCGWQS - North Carolina Groundwater Quality Standard

GCL - Gross Contaminant Level

<# - not detected at the indicated reporting limit

ug/L - micrograms per liter

NE - Not established

RL - the NCGWQS for the constituent is the reporting limit

ND - None detected (no summed constituents were detected)

J - estimated concentration between minimum detection limit and reporting limit

B - Amount in prep blank > MDL

TABLE A-2 (page 1 of 5)
Depth to Product Data Over Time
Building 45 Site

Location	Top of Casing Elevation ⁽¹⁾	Screen Zone	Depth to Product (feet BTOC)																									
			7/6/1998	7/16/1998	7/22/1998	8/11/1998	9/21/1998	10/14/1998	11/2/1998	12/8/1998	1/14/1999	2/8/1999	3/19/1999	4/9/1999	4/9/1999	4/13/1999	4/22/1999	4/22/1999	5/11/1999	5/11/1999	6/22/1999	6/22/1999	6/29/1999	6/29/1999	7/12/1999	7/19/1999		
MW2	10.84	Shallow	5.97	6.41	6.73	Trace	4.70	--	6.35	7.16	6.05	5.10	5.25	5.35	NM	6.12	5.73	Trace	5.35	--	5.66	--	6.44	--	7.50	7.21		
MW3	11.02	Shallow	--	6.72	7.33	Trace	5.50	--	7.01	7.84	6.83	5.62	5.66	7.10	--	--	NM	9.91	5.86	--	6.68	--	7.05	--	7.79	7.72		
MW4	14.83	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW5	9.73	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW6	10.71	Deep	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		
MW7	10.00	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW8	10.73	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Trace	--	--	--	--	--	--	--	--		
MW9	10.27	Deep	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		
MW10	11.49	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	18.51	7.42	--	--	--	--	--	--	--	--	--		
MW12	InD	Shallow	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		
MW13	8.32	Shallow	NM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW14	7.32	Shallow	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		
MW15	8.26	Shallow	--	--	--	--	NM	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	NM	NM	NM	NM		
MW16	8.77	Shallow	NM	--	--	--	--	--	--	--	--	--	--	--	--	Trace	--	--	--	--	--	--	--	--	--	--		
MW17	8.95	Shallow	NM	--	--	NM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW18	10.80	Shallow	--	--	--	--	--	--	--	NM	--	--	--	--	--	--	--	7.55	--	--	--	--	--	--	--	NM		
MW19	11.85	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW20	10.64	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW21	7.13	Deep	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		
MW22	InD	Deep	--	--	--	--	--	--	--	--	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM		
MW23	11.07	Shallow	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni		
MW24	12.17	Shallow	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni		
PW1	10.08	Shallow	NM	--	--	--	--	5.23	--	--	5.56	--	4.90	--	--	25.30	5.30	--	--	--	--	--	--	--	--	--		
PW2	12.14	Shallow	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni		
MW1/45	11.43	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW4/45	InD	Shallow	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		

⁽¹⁾ Top of casing elevation expressed in feet above/below MSL.
BTOC - below top of casing
MSL - mean sea level
"--" indicates no measurable product detected

ABD: Abandoned; well abandoned at time of measurement
INA: Inaccessible; well inaccessible at time of measurement (under water, surrounded by water, or covered by soil)
NC: Insufficient data to calculate groundwater elevation or product thickness
NF: Not Found; well could not be found

NI: Not installed; well not installed at the time of measurement
NL: Not Listed; well not listed in source document
NM: Not Measured; well not measured, reason not stated

TABLE A-2 (page 2 of 5)
Depth to Product Data Over Time
Building 45 Site

Location	Top of Casing Elevation ⁽¹⁾	Screen Zone	Depth to Product (feet BTOC)																							
			7/19/1999	7/27/1999	7/27/1999	8/18/1999	8/18/1999	8/26/1999	8/26/1999	9/2/1999	9/2/1999	10/12/1999	11/22/1999	1/26/2000	3/16/2000	4/7/2000	5/16/2000	6/15/2000	6/16/2000	6/19/2000	7/18/2000	7/19/2000	8/31/2000	8/31/2000	9/11/2000	
MW2	10.84	Shallow	--	7.34	--	8.15	--	8.30	--	6.65	--	5.46	5.33	5.16	5.65	5.92	5.36	--	6.95	--	--	--	4.40	--	--	
MW3	11.02	Shallow	--	7.95	--	8.73	--	8.84	--	Trace	--	6.40	6.13	NM	--	--	5.88	--	--	--	--	--	--	--		
MW4	14.83	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW5	9.73	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW6	10.71	Deep	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		
MW7	10.00	Shallow	--	--	--	--	--	--	--	--	--	--	--	NM	--	--	--	--	--	--	--	--	--	--		
MW8	10.73	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW9	10.27	Deep	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		
MW10	11.49	Shallow	--	--	--	--	--	--	--	--	--	5.92	5.92	--	--	--	--	--	--	--	--	--	--	--		
MW12	InD	Shallow	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		
MW13	8.32	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM		
MW14	7.32	Shallow	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		
MW15	8.26	Shallow	NM	--	NM	--	--	NM	NM	NM	NM	--	NM	NM	--	--	--	--	--	--	--	--	--	--		
MW16	8.77	Shallow	--	--	--	--	--	--	--	--	--	NM	NM	NM	--	--	--	--	--	--	--	--	NM	NM		
MW17	8.95	Shallow	--	--	--	--	--	--	--	--	--	NM	NM	NM	--	--	--	--	--	--	--	--	--	--		
MW18	10.80	Shallow	NM	--	--	NM	NM	NM	NM	NM	NM	NM	NM	NM	--	--	--	--	--	--	--	--	--	--		
MW19	11.85	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW20	10.64	Shallow	--	--	--	--	--	--	--	--	--	--	--	NM	--	--	--	--	--	--	--	--	--	--		
MW21	7.13	Deep	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		
MW22	InD	Deep	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM		
MW23	11.07	Shallow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI		
MW24	12.17	Shallow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI		
PW1	10.08	Shallow	--	--	--	--	--	--	--	--	--	--	--	NM	--	--	--	Trace	--	--	--	--	--	--		
PW2	12.14	Shallow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI		
MW1/45	11.43	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW4/45	InD	Shallow	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL		

⁽¹⁾ Top of casing elevation expressed in feet above/below MSL
BTOC - below top of casing
MSL - mean sea level
"--": indicates no measurable product detected

ABD: Abandoned; well abandoned at time of measurement
INA: Inaccessible; well inaccessible at time of measurement (under water, surrounded by water, or covered by soil)
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TABLE A-2 (page 3 of 5)
Depth to Product Data Over Time
Building 45 Site

Location	Top of Casing Elevation ⁽¹⁾	Screen Zone	10/11/2000	11/13/2000	11/20/2000	12/5/2000	12/21/2000	12/21/2000	1/18/2001	1/18/2001	1/31/2001	2/20/2001	3/1/2001	3/1/2001	3/20/2001	4/16/2001	4/26/2001	4/26/2001	5/9/2001	5/9/2001	5/30/2001	5/30/2001	6/14/2001	6/14/2001	6/20/2001
MW2	10.84	Shallow	5.71	5.98	6.19	4.39	4.92	--	5.67	--	6.22	5.57	--	--	5.23	5.72	5.85	--	6.60	--	7.24	--	6.80	--	6.30
MW3	11.02	Shallow	6.35	--	--	4.40	5.30	--	5.85	--	--	5.92	5.92	--	5.68	6.40	--	--	7.25	--	7.83	--	--	--	--
MW4	14.83	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	NM	NM	--	--	--	--	--
MW5	9.73	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	10.71	Deep	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW7	10.00	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	10.73	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9	10.27	Deep	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW10	11.49	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	--	--	--	--	--	--	--	--
MW12	InD	Shallow	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW13	8.32	Shallow	--	--	--	NM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--
MW14	7.32	Shallow	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW15	8.26	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	8.77	Shallow	--	--	--	NM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW17	8.95	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	10.80	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	11.85	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	10.64	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	7.13	Deep	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW22	InD	Deep	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW23	11.07	Shallow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW24	12.17	Shallow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
PW1	10.08	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PW2	12.14	Shallow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW1/45	11.43	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4/45	InD	Shallow	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL

⁽¹⁾ Top of casing elevation expressed in feet above/below MSL

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MSL - mean sea level

--: indicates no measurable product detected

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INA: Inaccessible; well inaccessible at time of measurement (under water, surrounded by water, or covered by soil)

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NM: Not Measured; well not measured, reason not stated

TABLE A-2 (page 4 of 5)
Depth to Product Data Over Time
Building 45 Site

Location	Top of Casing Elevation ⁽¹⁾	Screen Zone	6/26/2001	6/26/2001	7/17/2001	8/9/2001	8/16/2001	8/16/2001	8/29/2001	8/29/2001	9/10/2001	10/3/2001	10/3/2001	10/16/2001	10/30/2001	10/30/2001	11/5/2001	11/27/2001	11/27/2001	12/3/2001	12/13/2001	12/13/2001	1/16/2002	2/19/2002	3/21/2002
			6/26/2001	6/26/2001	7/17/2001	8/9/2001	8/16/2001	8/16/2001	8/29/2001	8/29/2001	9/10/2001	10/3/2001	10/3/2001	10/16/2001	10/30/2001	10/30/2001	11/5/2001	11/27/2001	11/27/2001	12/3/2001	12/13/2001	12/13/2001	1/16/2002	2/19/2002	3/21/2002
MW2	10.84	Shallow	6.80	--	7.03	7.88	7.88	--	8.25	--	7.02	8.25	8.25	8.88	8.90	8.25	Trace	Trace	--	--	--	--	--	--	--
MW3	11.02	Shallow	--	--	--	8.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	14.83	Shallow	--	--	--	--	NM	NM	NM	NM	--	--	--	--	--	--	--	--	--	--	NM	NM	--	--	--
MW5	9.73	Shallow	--	--	--	--	--	--	NM	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	--	--
MW6	10.71	Deep	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW7	10.00	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	10.73	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NM	NM	--	--	--
MW9	10.27	Deep	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW10	11.49	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW12	InD	Shallow	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW13	8.32	Shallow	NM	NM	--	--	NM	NM	NM	NM	--	NM	NM	--	NM	NM	--	--	--	--	NM	NM	--	--	--
MW14	7.32	Shallow	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW15	8.26	Shallow	--	--	--	--	NM	NM	--	--	--	NM	NM	--	NM	NM	--	--	--	--	NM	NM	--	--	--
MW16	8.77	Shallow	--	--	--	--	NM	NM	--	--	--	NM	NM	--	NM	NM	--	--	--	--	NM	NM	--	--	--
MW17	8.95	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	10.80	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	11.85	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	10.64	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	7.13	Deep	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW22	InD	Deep	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW23	11.07	Shallow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW24	12.17	Shallow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
PW1	10.08	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PW2	12.14	Shallow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW1/45	11.43	Shallow	--	--	--	--	NM	NM	--	--	--	NM	NM	--	NM	NM	--	--	--	--	NM	NM	--	--	--
MW4/45	InD	Shallow	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL

⁽¹⁾ Top of casing elevation expressed in feet above/below MSL
BTCC - below top of casing
MSL - mean sea level
"--": indicates no measurable product detected

ABD: Abandoned; well abandoned at time of measurement
INA: Inaccessible; well inaccessible at time of measurement (under water, surrounded by water, or covered by soil)
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TABLE A-2 (page 5 of 5)
Depth to Product Data Over Time
Building 45 Site

	Top of Casing Elevation ⁽¹⁾	Screen Zone																								
Location			4/17/2002	5/15/2002	7/17/2002	9/29/2003	12/23/2003	1/15/2004	2/9/2004	3/8/2004	4/6/2004	5/3/2004	6/11/2004	7/14/2004	8/14/2004	9/13/2004	10/5/2004	12/20/2004	1/6/2005	2/1/2005	3/3/2005	4/22/2005	5/26/2005	6/14/2005	7/27/2005	8/4/2005
MW2	10.84	Shallow	--	--	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD
MW3	11.02	Shallow	--	--	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD
MW4	14.83	Shallow	--	--	--	NM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5	9.73	Shallow	--	--	--	NM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6	10.71	Deep	NL	NL	NL	NM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7	10.00	Shallow	--	--	--	NM	--	--	--	--	--	INA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8	10.73	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9	10.27	Deep	NL	NL	NL	--	--	--	--	--	--	INA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW10	11.49	Shallow	--	--	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD
MW12	InD	Shallow	NL	NL	NL	NM	NM	NM	NM	NM	--	INA	NM	NM	--	--	--	--	--	--	--	--	--	--	--	--
MW13	8.32	Shallow	--	--	--	--	--	--	--	--	--	INA	INA	NM	INA	--	--	--	--	--	--	--	--	--	--	--
MW14	7.32	Shallow	NL	NL	NL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW15	8.26	Shallow	--	--	--	--	--	--	--	--	--	INA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	8.77	Shallow	--	--	--	--	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	
MW17	8.95	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	10.80	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	11.85	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW20	10.64	Shallow	--	--	--	--	--	--	--	--	--	INA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW21	7.13	Deep	NL	NL	NL	NM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW22	InD	Deep	NM	--	NM	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
MW23	11.07	Shallow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	--	--	--	--	--	--
MW24	12.17	Shallow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	--	--	--	--	--	--
PW1	10.08	Shallow	--	--	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD
PW2	12.14	Shallow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	--	--	--	--	--	--
MW1/45	11.43	Shallow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4/45	InD	Shallow	NL	NL	NL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

⁽¹⁾ Top of casing elevation expressed in feet above/below MSL
 BTCC - below top of casing
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APPENDIX B

LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION FROM 2007 SAMPLING EVENTS



Mr. Chris Murray
Sovereign Consulting
405 Oakmeads Crescent
Suite 1
Virginia Beach VA 23462
Report Number: G650-114
Client Project: Bldg 45 NV018

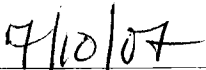
Dear Mr. Murray:

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 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/Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS/Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS/Paradigm Analytical Laboratories, Inc.

 
Laboratory Director Date
for J. Patrick Weaver



CASE NARRATIVE

Date: July 10, 2007

Sovereign Consulting Project ID: Bldg 45 NV018
SGS Environmental ID: G650-114

Ten water samples were submitted to the laboratory for analysis by methods 8260, 8270 and Pb by 3030c. The samples were received in good condition, within temperature and holding time limits.

All analyses were completed within holding time and without quality control problems with one exception.

The 8270 for sample UST45/5941-MW15 was extracted within holding time. However, four of the six surrogates recovered below the control limit in this extraction. The sample was re-extracted and all surrogates passed recovery limits. However, the re-extraction was performed outside of the 7-day holding time limit. All target analytes are below the quantitation limits for both analytical runs.

Results for both extractions of this sample are included in the following summary report.

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW09

Client Project ID: Bldg 45 NV018

Lab Sample ID: G650-114-1A

Lab Project ID: G650-114

Analyzed By: MJC

Date Collected: 6/19/2007 17:20

Date Received: 6/22/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	6/27/2007	
Benzene	5.19	1.00	0.213	1	6/27/2007	
Bromobenzene	BQL	1.00	0.295	1	6/27/2007	
Bromochloromethane	BQL	1.00	0.209	1	6/27/2007	
Bromodichloromethane	BQL	1.00	0.196	1	6/27/2007	
Bromoform	BQL	1.00	0.199	1	6/27/2007	
Bromomethane	BQL	1.00	0.392	1	6/27/2007	
2-Butanone	BQL	25.0	1.53	1	6/27/2007	
n-Butylbenzene	BQL	1.00	0.490	1	6/27/2007	
sec-Butylbenzene	BQL	1.00	0.432	1	6/27/2007	
tert-Butylbenzene	BQL	1.00	0.391	1	6/27/2007	
Carbon disulfide	BQL	1.00	0.200	1	6/27/2007	
Carbon tetrachloride	BQL	1.00	0.277	1	6/27/2007	
Chlorobenzene	BQL	1.00	0.290	1	6/27/2007	
Chloroethane	BQL	1.00	0.568	1	6/27/2007	
Chloroform	BQL	1.00	0.204	1	6/27/2007	
Chloromethane	BQL	1.00	0.271	1	6/27/2007	
2-Chlorotoluene	BQL	1.00	0.321	1	6/27/2007	
4-Chlorotoluene	BQL	1.00	0.367	1	6/27/2007	
Dibromochloromethane	BQL	1.00	0.239	1	6/27/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	4.30	1	6/27/2007	
Dibromomethane	BQL	1.00	0.312	1	6/27/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.252	1	6/27/2007	
1,2-Dichlorobenzene	BQL	1.00	0.374	1	6/27/2007	
1,3-Dichlorobenzene	BQL	1.00	0.364	1	6/27/2007	
1,4-Dichlorobenzene	BQL	1.00	0.401	1	6/27/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	4.25	1	6/27/2007	
1,1-Dichloroethane	BQL	1.00	0.237	1	6/27/2007	
1,1-Dichloroethene	BQL	1.00	0.185	1	6/27/2007	
1,2-Dichloroethane	BQL	1.00	0.210	1	6/27/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.194	1	6/27/2007	
trans-1,2-dichloroethene	BQL	1.00	0.204	1	6/27/2007	
1,2-Dichloropropane	BQL	1.00	0.212	1	6/27/2007	
1,3-Dichloropropane	BQL	1.00	0.228	1	6/27/2007	
2,2-Dichloropropane	BQL	1.00	0.229	1	6/27/2007	
1,1-Dichloropropene	BQL	1.00	0.231	1	6/27/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.242	1	6/27/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.234	1	6/27/2007	
Dichlorodifluoromethane	BQL	5.00	0.215	1	6/27/2007	
Diisopropyl ether (DIPE)	0.510	1.00	0.282	1	6/27/2007	J
Ethylbenzene	0.610	1.00	0.280	1	6/27/2007	J
Hexachlorobutadiene	BQL	1.00	0.652	1	6/27/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW09
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-1A
Lab Project ID: G650-114

Analyzed By: MJC
Date Collected: 6/19/2007 17:20
Date Received: 6/22/2007
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	1.19	1	6/27/2007	
Iodomethane	BQL	1.00	0.156	1	6/27/2007	
Isopropylbenzene	BQL	1.00	0.316	1	6/27/2007	
4-Isopropyltoluene	BQL	1.00	0.436	1	6/27/2007	
Methylene chloride	BQL	5.00	0.300	1	6/27/2007	
4-Methyl-2-pentanone	BQL	5.00	1.38	1	6/27/2007	
Methyl-tert-butyl ether (MTBE)	7.95	1.00	0.209	1	6/27/2007	
Naphthalene	BQL	1.00	0.524	1	6/27/2007	
n-Propyl benzene	BQL	1.00	0.380	1	6/27/2007	
Styrene	BQL	1.00	0.322	1	6/27/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.277	1	6/27/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.329	1	6/27/2007	
Tetrachloroethene	BQL	1.00	0.226	1	6/27/2007	
Toluene	0.380	1.00	0.223	1	6/27/2007	J
1,2,3-Trichlorobenzene	BQL	1.00	0.687	1	6/27/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.596	1	6/27/2007	
Trichloroethene	BQL	1.00	0.209	1	6/27/2007	
1,1,1-Trichloroethane	BQL	1.00	0.256	1	6/27/2007	
1,1,2-Trichloroethane	BQL	1.00	0.279	1	6/27/2007	
Trichlorofluoromethane	BQL	1.00	0.202	1	6/27/2007	
1,2,3-Trichloropropane	BQL	1.00	1.48	1	6/27/2007	
1,2,4-Trimethylbenzene	1.43	1.00	0.413	1	6/27/2007	
1,3,5-Trimethylbenzene	0.560	1.00	0.378	1	6/27/2007	J
Vinyl chloride	BQL	1.00	0.221	1	6/27/2007	
m-,p-Xylene	1.17	2.00	0.606	1	6/27/2007	J
o-Xylene	0.550	1.00	0.344	1	6/27/2007	J
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		10	11.6	116		
Toluene-d8		10	9.96	100		
4-Bromofluorobenzene		10	10.6	106		

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-Trip Blank
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-2A
Lab Project ID: G650-114

Analyzed By: MJC
Date Collected: 6/19/2007 0:00
Date Received: 6/22/2007
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	6/27/2007	
Benzene	BQL	1.00	0.213	1	6/27/2007	
Bromobenzene	BQL	1.00	0.295	1	6/27/2007	
Bromochloromethane	BQL	1.00	0.209	1	6/27/2007	
Bromodichloromethane	BQL	1.00	0.196	1	6/27/2007	
Bromoform	BQL	1.00	0.199	1	6/27/2007	
Bromomethane	BQL	1.00	0.392	1	6/27/2007	
2-Butanone	BQL	25.0	1.53	1	6/27/2007	
n-Butylbenzene	BQL	1.00	0.490	1	6/27/2007	
sec-Butylbenzene	BQL	1.00	0.432	1	6/27/2007	
tert-Butylbenzene	BQL	1.00	0.391	1	6/27/2007	
Carbon disulfide	BQL	1.00	0.200	1	6/27/2007	
Carbon tetrachloride	BQL	1.00	0.277	1	6/27/2007	
Chlorobenzene	BQL	1.00	0.290	1	6/27/2007	
Chloroethane	BQL	1.00	0.568	1	6/27/2007	
Chloroform	BQL	1.00	0.204	1	6/27/2007	
Chloromethane	BQL	1.00	0.271	1	6/27/2007	
2-Chlorotoluene	BQL	1.00	0.321	1	6/27/2007	
4-Chlorotoluene	BQL	1.00	0.367	1	6/27/2007	
Dibromochloromethane	BQL	1.00	0.239	1	6/27/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	4.30	1	6/27/2007	
Dibromomethane	BQL	1.00	0.312	1	6/27/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.252	1	6/27/2007	
1,2-Dichlorobenzene	BQL	1.00	0.374	1	6/27/2007	
1,3-Dichlorobenzene	BQL	1.00	0.364	1	6/27/2007	
1,4-Dichlorobenzene	BQL	1.00	0.401	1	6/27/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	4.25	1	6/27/2007	
1,1-Dichloroethane	BQL	1.00	0.237	1	6/27/2007	
1,1-Dichloroethene	BQL	1.00	0.185	1	6/27/2007	
1,2-Dichloroethane	BQL	1.00	0.210	1	6/27/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.194	1	6/27/2007	
trans-1,2-dichloroethene	BQL	1.00	0.204	1	6/27/2007	
1,2-Dichloropropane	BQL	1.00	0.212	1	6/27/2007	
1,3-Dichloropropane	BQL	1.00	0.228	1	6/27/2007	
2,2-Dichloropropane	BQL	1.00	0.229	1	6/27/2007	
1,1-Dichloropropene	BQL	1.00	0.231	1	6/27/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.242	1	6/27/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.234	1	6/27/2007	
Dichlorodifluoromethane	BQL	5.00	0.215	1	6/27/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.282	1	6/27/2007	
Ethylbenzene	BQL	1.00	0.280	1	6/27/2007	
Hexachlorobutadiene	BQL	1.00	0.652	1	6/27/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-Trip Blank
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-2A
Lab Project ID: G650-114

Analyzed By: MJC
Date Collected: 6/19/2007 0:00
Date Received: 6/22/2007
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	1.19	1	6/27/2007	
Iodomethane	BQL	1.00	0.156	1	6/27/2007	
Isopropylbenzene	BQL	1.00	0.316	1	6/27/2007	
4-Isopropyltoluene	BQL	1.00	0.436	1	6/27/2007	
Methylene chloride	BQL	5.00	0.300	1	6/27/2007	
4-Methyl-2-pentanone	BQL	5.00	1.38	1	6/27/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.209	1	6/27/2007	
Naphthalene	BQL	1.00	0.524	1	6/27/2007	
n-Propyl benzene	BQL	1.00	0.380	1	6/27/2007	
Styrene	BQL	1.00	0.322	1	6/27/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.277	1	6/27/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.329	1	6/27/2007	
Tetrachloroethene	BQL	1.00	0.226	1	6/27/2007	
Toluene	BQL	1.00	0.223	1	6/27/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.687	1	6/27/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.596	1	6/27/2007	
Trichloroethene	BQL	1.00	0.209	1	6/27/2007	
1,1,1-Trichloroethane	BQL	1.00	0.256	1	6/27/2007	
1,1,2-Trichloroethane	BQL	1.00	0.279	1	6/27/2007	
Trichlorofluoromethane	BQL	1.00	0.202	1	6/27/2007	
1,2,3-Trichloropropane	BQL	1.00	1.48	1	6/27/2007	
1,2,4-Trimethylbenzene	BQL	1.00	0.413	1	6/27/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.378	1	6/27/2007	
Vinyl chloride	BQL	1.00	0.221	1	6/27/2007	
m-,p-Xylene	BQL	2.00	0.606	1	6/27/2007	
o-Xylene	BQL	1.00	0.344	1	6/27/2007	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		10	11.5	115		
Toluene-d8		10	11.1	111		
4-Bromofluorobenzene		10	9.28	93		

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW06

Client Project ID: Bldg 45 NV018

Lab Sample ID: G650-114-3A

Lab Project ID: G650-114

Analyzed By: CLP

Date Collected: 6/20/2007 10:50

Date Received: 6/22/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	6/28/2007	
Benzene	BQL	1.00	0.213	1	6/28/2007	
Bromobenzene	BQL	1.00	0.295	1	6/28/2007	
Bromochloromethane	BQL	1.00	0.209	1	6/28/2007	
Bromodichloromethane	BQL	1.00	0.196	1	6/28/2007	
Bromoform	BQL	1.00	0.199	1	6/28/2007	
Bromomethane	BQL	1.00	0.392	1	6/28/2007	
2-Butanone	BQL	25.0	1.53	1	6/28/2007	
n-Butylbenzene	BQL	1.00	0.490	1	6/28/2007	
sec-Butylbenzene	BQL	1.00	0.432	1	6/28/2007	
tert-Butylbenzene	BQL	1.00	0.391	1	6/28/2007	
Carbon disulfide	BQL	1.00	0.200	1	6/28/2007	
Carbon tetrachloride	BQL	1.00	0.277	1	6/28/2007	
Chlorobenzene	BQL	1.00	0.290	1	6/28/2007	
Chloroethane	BQL	1.00	0.568	1	6/28/2007	
Chloroform	BQL	1.00	0.204	1	6/28/2007	
Chloromethane	BQL	1.00	0.271	1	6/28/2007	
2-Chlorotoluene	BQL	1.00	0.321	1	6/28/2007	
4-Chlorotoluene	BQL	1.00	0.367	1	6/28/2007	
Dibromochloromethane	BQL	1.00	0.239	1	6/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	4.30	1	6/28/2007	
Dibromomethane	BQL	1.00	0.312	1	6/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.252	1	6/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.374	1	6/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.364	1	6/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.401	1	6/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	4.25	1	6/28/2007	
1,1-Dichloroethane	BQL	1.00	0.237	1	6/28/2007	
1,1-Dichloroethene	BQL	1.00	0.185	1	6/28/2007	
1,2-Dichloroethane	BQL	1.00	0.210	1	6/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.194	1	6/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.204	1	6/28/2007	
1,2-Dichloropropane	BQL	1.00	0.212	1	6/28/2007	
1,3-Dichloropropane	BQL	1.00	0.228	1	6/28/2007	
2,2-Dichloropropane	BQL	1.00	0.229	1	6/28/2007	
1,1-Dichloropropene	BQL	1.00	0.231	1	6/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.242	1	6/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.234	1	6/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.215	1	6/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.282	1	6/28/2007	
Ethylbenzene	BQL	1.00	0.280	1	6/28/2007	
Hexachlorobutadiene	BQL	1.00	0.652	1	6/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW06
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-3A
Lab Project ID: G650-114

Analyzed By: CLP
Date Collected: 6/20/2007 10:50
Date Received: 6/22/2007
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	1.19	1	6/28/2007	
Iodomethane	BQL	1.00	0.156	1	6/28/2007	
Isopropylbenzene	BQL	1.00	0.316	1	6/28/2007	
4-Isopropyltoluene	BQL	1.00	0.436	1	6/28/2007	
Methylene chloride	BQL	5.00	0.300	1	6/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.38	1	6/28/2007	
Methyl-tert-butyl ether (MTBE)	1.49	1.00	0.209	1	6/28/2007	
Naphthalene	BQL	1.00	0.524	1	6/28/2007	
n-Propyl benzene	BQL	1.00	0.380	1	6/28/2007	
Styrene	BQL	1.00	0.322	1	6/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.277	1	6/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.329	1	6/28/2007	
Tetrachloroethene	BQL	1.00	0.226	1	6/28/2007	
Toluene	BQL	1.00	0.223	1	6/28/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.687	1	6/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.596	1	6/28/2007	
Trichloroethene	BQL	1.00	0.209	1	6/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.256	1	6/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.279	1	6/28/2007	
Trichlorofluoromethane	BQL	1.00	0.202	1	6/28/2007	
1,2,3-Trichloropropane	BQL	1.00	1.48	1	6/28/2007	
1,2,4-Trimethylbenzene	0.590	1.00	0.413	1	6/28/2007	J
1,3,5-Trimethylbenzene	BQL	1.00	0.378	1	6/28/2007	
Vinyl chloride	BQL	1.00	0.221	1	6/28/2007	
m-,p-Xylene	BQL	2.00	0.606	1	6/28/2007	
o-Xylene	BQL	1.00	0.344	1	6/28/2007	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		10	10.2	102		
Toluene-d8		10	9.98	100		
4-Bromofluorobenzene		10	10.4	104		

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW13

Client Project ID: Bldg 45 NV018

Lab Sample ID: G650-114-4A

Lab Project ID: G650-114

Analyzed By: CLP

Date Collected: 6/20/2007 11:45

Date Received: 6/22/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	3.39	25.0	1.09	1	6/28/2007	J
Benzene	BQL	1.00	0.213	1	6/28/2007	
Bromobenzene	BQL	1.00	0.295	1	6/28/2007	
Bromochloromethane	BQL	1.00	0.209	1	6/28/2007	
Bromodichloromethane	BQL	1.00	0.196	1	6/28/2007	
Bromoform	BQL	1.00	0.199	1	6/28/2007	
Bromomethane	BQL	1.00	0.392	1	6/28/2007	
2-Butanone	BQL	25.0	1.53	1	6/28/2007	
n-Butylbenzene	BQL	1.00	0.490	1	6/28/2007	
sec-Butylbenzene	BQL	1.00	0.432	1	6/28/2007	
tert-Butylbenzene	BQL	1.00	0.391	1	6/28/2007	
Carbon disulfide	BQL	1.00	0.200	1	6/28/2007	
Carbon tetrachloride	BQL	1.00	0.277	1	6/28/2007	
Chlorobenzene	BQL	1.00	0.290	1	6/28/2007	
Chloroethane	BQL	1.00	0.568	1	6/28/2007	
Chloroform	BQL	1.00	0.204	1	6/28/2007	
Chloromethane	BQL	1.00	0.271	1	6/28/2007	
2-Chlorotoluene	BQL	1.00	0.321	1	6/28/2007	
4-Chlorotoluene	BQL	1.00	0.367	1	6/28/2007	
Dibromochloromethane	BQL	1.00	0.239	1	6/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	4.30	1	6/28/2007	
Dibromomethane	BQL	1.00	0.312	1	6/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.252	1	6/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.374	1	6/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.364	1	6/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.401	1	6/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	4.25	1	6/28/2007	
1,1-Dichloroethane	BQL	1.00	0.237	1	6/28/2007	
1,1-Dichloroethene	BQL	1.00	0.185	1	6/28/2007	
1,2-Dichloroethane	BQL	1.00	0.210	1	6/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.194	1	6/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.204	1	6/28/2007	
1,2-Dichloropropane	BQL	1.00	0.212	1	6/28/2007	
1,3-Dichloropropane	BQL	1.00	0.228	1	6/28/2007	
2,2-Dichloropropane	BQL	1.00	0.229	1	6/28/2007	
1,1-Dichloropropene	BQL	1.00	0.231	1	6/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.242	1	6/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.234	1	6/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.215	1	6/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.282	1	6/28/2007	
Ethylbenzene	BQL	1.00	0.280	1	6/28/2007	
Hexachlorobutadiene	BQL	1.00	0.652	1	6/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW13

Client Project ID: Bldg 45 NV018

Lab Sample ID: G650-114-4A

Lab Project ID: G650-114

Analyzed By: CLP

Date Collected: 6/20/2007 11:45

Date Received: 6/22/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	1.19	1	6/28/2007	
Iodomethane	BQL	1.00	0.156	1	6/28/2007	
Isopropylbenzene	BQL	1.00	0.316	1	6/28/2007	
4-Isopropyltoluene	BQL	1.00	0.436	1	6/28/2007	
Methylene chloride	BQL	5.00	0.300	1	6/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.38	1	6/28/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.209	1	6/28/2007	
Naphthalene	BQL	1.00	0.524	1	6/28/2007	
n-Propyl benzene	BQL	1.00	0.380	1	6/28/2007	
Styrene	BQL	1.00	0.322	1	6/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.277	1	6/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.329	1	6/28/2007	
Tetrachloroethene	BQL	1.00	0.226	1	6/28/2007	
Toluene	BQL	1.00	0.223	1	6/28/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.687	1	6/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.596	1	6/28/2007	
Trichloroethene	BQL	1.00	0.209	1	6/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.256	1	6/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.279	1	6/28/2007	
Trichlorofluoromethane	BQL	1.00	0.202	1	6/28/2007	
1,2,3-Trichloropropane	BQL	1.00	1.48	1	6/28/2007	
1,2,4-Trimethylbenzene	BQL	1.00	0.413	1	6/28/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.378	1	6/28/2007	
Vinyl chloride	BQL	1.00	0.221	1	6/28/2007	
m-,p-Xylene	BQL	2.00	0.606	1	6/28/2007	
o-Xylene	BQL	1.00	0.344	1	6/28/2007	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		10	10.3	103		
Toluene-d8		10	9.96	100		
4-Bromofluorobenzene		10	10.3	103		

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW01/45

Client Project ID: Bldg 45 NV018

Lab Sample ID: G650-114-5A

Lab Project ID: G650-114

Analyzed By: CLP

Date Collected: 6/20/2007 13:20

Date Received: 6/22/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	3.22	25.0	1.09	1	6/28/2007	J
Benzene	BQL	1.00	0.213	1	6/28/2007	
Bromobenzene	BQL	1.00	0.295	1	6/28/2007	
Bromochloromethane	BQL	1.00	0.209	1	6/28/2007	
Bromodichloromethane	BQL	1.00	0.196	1	6/28/2007	
Bromoform	BQL	1.00	0.199	1	6/28/2007	
Bromomethane	BQL	1.00	0.392	1	6/28/2007	
2-Butanone	BQL	25.0	1.53	1	6/28/2007	
n-Butylbenzene	BQL	1.00	0.490	1	6/28/2007	
sec-Butylbenzene	BQL	1.00	0.432	1	6/28/2007	
tert-Butylbenzene	BQL	1.00	0.391	1	6/28/2007	
Carbon disulfide	BQL	1.00	0.200	1	6/28/2007	
Carbon tetrachloride	BQL	1.00	0.277	1	6/28/2007	
Chlorobenzene	BQL	1.00	0.290	1	6/28/2007	
Chloroethane	BQL	1.00	0.568	1	6/28/2007	
Chloroform	BQL	1.00	0.204	1	6/28/2007	
Chloromethane	BQL	1.00	0.271	1	6/28/2007	
2-Chlorotoluene	BQL	1.00	0.321	1	6/28/2007	
4-Chlorotoluene	BQL	1.00	0.367	1	6/28/2007	
Dibromochloromethane	BQL	1.00	0.239	1	6/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	4.30	1	6/28/2007	
Dibromomethane	BQL	1.00	0.312	1	6/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.252	1	6/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.374	1	6/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.364	1	6/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.401	1	6/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	4.25	1	6/28/2007	
1,1-Dichloroethane	BQL	1.00	0.237	1	6/28/2007	
1,1-Dichloroethene	BQL	1.00	0.185	1	6/28/2007	
1,2-Dichloroethane	BQL	1.00	0.210	1	6/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.194	1	6/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.204	1	6/28/2007	
1,2-Dichloropropane	BQL	1.00	0.212	1	6/28/2007	
1,3-Dichloropropane	BQL	1.00	0.228	1	6/28/2007	
2,2-Dichloropropane	BQL	1.00	0.229	1	6/28/2007	
1,1-Dichloropropene	BQL	1.00	0.231	1	6/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.242	1	6/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.234	1	6/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.215	1	6/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.282	1	6/28/2007	
Ethylbenzene	BQL	1.00	0.280	1	6/28/2007	
Hexachlorobutadiene	BQL	1.00	0.652	1	6/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW01/45
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-5A
Lab Project ID: G650-114

Analyzed By: CLP
Date Collected: 6/20/2007 13:20
Date Received: 6/22/2007
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	1.19	1	6/28/2007	
Iodomethane	BQL	1.00	0.156	1	6/28/2007	
Isopropylbenzene	BQL	1.00	0.316	1	6/28/2007	
4-Isopropyltoluene	BQL	1.00	0.436	1	6/28/2007	
Methylene chloride	BQL	5.00	0.300	1	6/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.38	1	6/28/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.209	1	6/28/2007	
Naphthalene	BQL	1.00	0.524	1	6/28/2007	
n-Propyl benzene	BQL	1.00	0.380	1	6/28/2007	
Styrene	BQL	1.00	0.322	1	6/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.277	1	6/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.329	1	6/28/2007	
Tetrachloroethene	BQL	1.00	0.226	1	6/28/2007	
Toluene	BQL	1.00	0.223	1	6/28/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.687	1	6/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.596	1	6/28/2007	
Trichloroethene	BQL	1.00	0.209	1	6/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.256	1	6/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.279	1	6/28/2007	
Trichlorofluoromethane	BQL	1.00	0.202	1	6/28/2007	
1,2,3-Trichloropropane	BQL	1.00	1.48	1	6/28/2007	
1,2,4-Trimethylbenzene	0.470	1.00	0.413	1	6/28/2007	J
1,3,5-Trimethylbenzene	BQL	1.00	0.378	1	6/28/2007	
Vinyl chloride	BQL	1.00	0.221	1	6/28/2007	
m-,p-Xylene	BQL	2.00	0.606	1	6/28/2007	
o-Xylene	BQL	1.00	0.344	1	6/28/2007	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		10	10.1	101		
Toluene-d8		10	9.88	99		
4-Bromofluorobenzene		10	10.5	105		

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW15
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-6A
Lab Project ID: G650-114

Analyzed By: CLP
Date Collected: 6/20/2007 12:50
Date Received: 6/22/2007
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	6/28/2007	
Benzene	BQL	1.00	0.213	1	6/28/2007	
Bromobenzene	BQL	1.00	0.295	1	6/28/2007	
Bromochloromethane	BQL	1.00	0.209	1	6/28/2007	
Bromodichloromethane	BQL	1.00	0.196	1	6/28/2007	
Bromoform	BQL	1.00	0.199	1	6/28/2007	
Bromomethane	BQL	1.00	0.392	1	6/28/2007	
2-Butanone	BQL	25.0	1.53	1	6/28/2007	
n-Butylbenzene	BQL	1.00	0.490	1	6/28/2007	
sec-Butylbenzene	BQL	1.00	0.432	1	6/28/2007	
tert-Butylbenzene	BQL	1.00	0.391	1	6/28/2007	
Carbon disulfide	BQL	1.00	0.200	1	6/28/2007	
Carbon tetrachloride	BQL	1.00	0.277	1	6/28/2007	
Chlorobenzene	BQL	1.00	0.290	1	6/28/2007	
Chloroethane	BQL	1.00	0.568	1	6/28/2007	
Chloroform	BQL	1.00	0.204	1	6/28/2007	
Chloromethane	BQL	1.00	0.271	1	6/28/2007	
2-Chlorotoluene	BQL	1.00	0.321	1	6/28/2007	
4-Chlorotoluene	BQL	1.00	0.367	1	6/28/2007	
Dibromochloromethane	BQL	1.00	0.239	1	6/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	4.30	1	6/28/2007	
Dibromomethane	BQL	1.00	0.312	1	6/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.252	1	6/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.374	1	6/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.364	1	6/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.401	1	6/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	4.25	1	6/28/2007	
1,1-Dichloroethane	BQL	1.00	0.237	1	6/28/2007	
1,1-Dichloroethene	BQL	1.00	0.185	1	6/28/2007	
1,2-Dichloroethane	BQL	1.00	0.210	1	6/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.194	1	6/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.204	1	6/28/2007	
1,2-Dichloropropane	BQL	1.00	0.212	1	6/28/2007	
1,3-Dichloropropane	BQL	1.00	0.228	1	6/28/2007	
2,2-Dichloropropane	BQL	1.00	0.229	1	6/28/2007	
1,1-Dichloropropene	BQL	1.00	0.231	1	6/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.242	1	6/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.234	1	6/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.215	1	6/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.282	1	6/28/2007	
Ethylbenzene	BQL	1.00	0.280	1	6/28/2007	
Hexachlorobutadiene	BQL	1.00	0.652	1	6/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW15
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-6A
Lab Project ID: G650-114

Analyzed By: CLP
Date Collected: 6/20/2007 12:50
Date Received: 6/22/2007
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	1.19	1	6/28/2007	
Iodomethane	BQL	1.00	0.156	1	6/28/2007	
Isopropylbenzene	BQL	1.00	0.316	1	6/28/2007	
4-Isopropyltoluene	BQL	1.00	0.436	1	6/28/2007	
Methylene chloride	BQL	5.00	0.300	1	6/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.38	1	6/28/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.209	1	6/28/2007	
Naphthalene	BQL	1.00	0.524	1	6/28/2007	
n-Propyl benzene	BQL	1.00	0.380	1	6/28/2007	
Styrene	BQL	1.00	0.322	1	6/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.277	1	6/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.329	1	6/28/2007	
Tetrachloroethene	BQL	1.00	0.226	1	6/28/2007	
Toluene	BQL	1.00	0.223	1	6/28/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.687	1	6/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.596	1	6/28/2007	
Trichloroethene	BQL	1.00	0.209	1	6/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.256	1	6/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.279	1	6/28/2007	
Trichlorofluoromethane	BQL	1.00	0.202	1	6/28/2007	
1,2,3-Trichloropropane	BQL	1.00	1.48	1	6/28/2007	
1,2,4-Trimethylbenzene	BQL	1.00	0.413	1	6/28/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.378	1	6/28/2007	
Vinyl chloride	BQL	1.00	0.221	1	6/28/2007	
m-,p-Xylene	BQL	2.00	0.606	1	6/28/2007	
o-Xylene	BQL	1.00	0.344	1	6/28/2007	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		10	9.98	100		
Toluene-d8		10	10.1	101		
4-Bromofluorobenzene		10	10.5	105		

Comments:**Flags:**

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

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW14

Client Project ID: Bldg 45 NV018

Lab Sample ID: G650-114-7A

Lab Project ID: G650-114

Analyzed By: CLP

Date Collected: 6/20/2007 15:20

Date Received: 6/22/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	7.26	25.0	1.09	1	6/28/2007	J
Benzene	BQL	1.00	0.213	1	6/28/2007	
Bromobenzene	BQL	1.00	0.295	1	6/28/2007	
Bromochloromethane	BQL	1.00	0.209	1	6/28/2007	
Bromodichloromethane	BQL	1.00	0.196	1	6/28/2007	
Bromoform	BQL	1.00	0.199	1	6/28/2007	
Bromomethane	BQL	1.00	0.392	1	6/28/2007	
2-Butanone	BQL	25.0	1.53	1	6/28/2007	
n-Butylbenzene	BQL	1.00	0.490	1	6/28/2007	
sec-Butylbenzene	BQL	1.00	0.432	1	6/28/2007	
tert-Butylbenzene	BQL	1.00	0.391	1	6/28/2007	
Carbon disulfide	BQL	1.00	0.200	1	6/28/2007	
Carbon tetrachloride	BQL	1.00	0.277	1	6/28/2007	
Chlorobenzene	BQL	1.00	0.290	1	6/28/2007	
Chloroethane	BQL	1.00	0.568	1	6/28/2007	
Chloroform	BQL	1.00	0.204	1	6/28/2007	
Chloromethane	BQL	1.00	0.271	1	6/28/2007	
2-Chlorotoluene	BQL	1.00	0.321	1	6/28/2007	
4-Chlorotoluene	BQL	1.00	0.367	1	6/28/2007	
Dibromochloromethane	BQL	1.00	0.239	1	6/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	4.30	1	6/28/2007	
Dibromomethane	BQL	1.00	0.312	1	6/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.252	1	6/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.374	1	6/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.364	1	6/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.401	1	6/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	4.25	1	6/28/2007	
1,1-Dichloroethane	BQL	1.00	0.237	1	6/28/2007	
1,1-Dichloroethene	BQL	1.00	0.185	1	6/28/2007	
1,2-Dichloroethane	BQL	1.00	0.210	1	6/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.194	1	6/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.204	1	6/28/2007	
1,2-Dichloropropane	BQL	1.00	0.212	1	6/28/2007	
1,3-Dichloropropane	BQL	1.00	0.228	1	6/28/2007	
2,2-Dichloropropane	BQL	1.00	0.229	1	6/28/2007	
1,1-Dichloropropene	BQL	1.00	0.231	1	6/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.242	1	6/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.234	1	6/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.215	1	6/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.282	1	6/28/2007	
Ethylbenzene	BQL	1.00	0.280	1	6/28/2007	
Hexachlorobutadiene	BQL	1.00	0.652	1	6/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW14
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-7A
Lab Project ID: G650-114

Analyzed By: CLP
Date Collected: 6/20/2007 15:20
Date Received: 6/22/2007
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	1.19	1	6/28/2007	
Iodomethane	BQL	1.00	0.156	1	6/28/2007	
Isopropylbenzene	BQL	1.00	0.316	1	6/28/2007	
4-Isopropyltoluene	BQL	1.00	0.436	1	6/28/2007	
Methylene chloride	BQL	5.00	0.300	1	6/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.38	1	6/28/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.209	1	6/28/2007	
Naphthalene	0.590	1.00	0.524	1	6/28/2007	J
n-Propyl benzene	BQL	1.00	0.380	1	6/28/2007	
Styrene	BQL	1.00	0.322	1	6/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.277	1	6/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.329	1	6/28/2007	
Tetrachloroethene	BQL	1.00	0.226	1	6/28/2007	
Toluene	BQL	1.00	0.223	1	6/28/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.687	1	6/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.596	1	6/28/2007	
Trichloroethene	BQL	1.00	0.209	1	6/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.256	1	6/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.279	1	6/28/2007	
Trichlorofluoromethane	BQL	1.00	0.202	1	6/28/2007	
1,2,3-Trichloropropane	BQL	1.00	1.48	1	6/28/2007	
1,2,4-Trimethylbenzene	1.18	1.00	0.413	1	6/28/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.378	1	6/28/2007	
Vinyl chloride	BQL	1.00	0.221	1	6/28/2007	
m-,p-Xylene	BQL	2.00	0.606	1	6/28/2007	
o-Xylene	BQL	1.00	0.344	1	6/28/2007	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		10	10.2	102		
Toluene-d8		10	10.1	101		
4-Bromofluorobenzene		10	10.5	105		

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW21

Client Project ID: Bldg 45 NV018

Lab Sample ID: G650-114-8A

Lab Project ID: G650-114

Analyzed By: CLP

Date Collected: 6/20/2007 15:50

Date Received: 6/22/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	2.42	25.0	1.09	1	6/28/2007	J
Benzene	BQL	1.00	0.213	1	6/28/2007	
Bromobenzene	BQL	1.00	0.295	1	6/28/2007	
Bromochloromethane	BQL	1.00	0.209	1	6/28/2007	
Bromodichloromethane	BQL	1.00	0.196	1	6/28/2007	
Bromoform	BQL	1.00	0.199	1	6/28/2007	
Bromomethane	BQL	1.00	0.392	1	6/28/2007	
2-Butanone	BQL	25.0	1.53	1	6/28/2007	
n-Butylbenzene	BQL	1.00	0.490	1	6/28/2007	
sec-Butylbenzene	BQL	1.00	0.432	1	6/28/2007	
tert-Butylbenzene	BQL	1.00	0.391	1	6/28/2007	
Carbon disulfide	BQL	1.00	0.200	1	6/28/2007	
Carbon tetrachloride	BQL	1.00	0.277	1	6/28/2007	
Chlorobenzene	BQL	1.00	0.290	1	6/28/2007	
Chloroethane	BQL	1.00	0.568	1	6/28/2007	
Chloroform	BQL	1.00	0.204	1	6/28/2007	
Chloromethane	BQL	1.00	0.271	1	6/28/2007	
2-Chlorotoluene	BQL	1.00	0.321	1	6/28/2007	
4-Chlorotoluene	BQL	1.00	0.367	1	6/28/2007	
Dibromochloromethane	BQL	1.00	0.239	1	6/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	4.30	1	6/28/2007	
Dibromomethane	BQL	1.00	0.312	1	6/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.252	1	6/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.374	1	6/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.364	1	6/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.401	1	6/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	4.25	1	6/28/2007	
1,1-Dichloroethane	BQL	1.00	0.237	1	6/28/2007	
1,1-Dichloroethene	BQL	1.00	0.185	1	6/28/2007	
1,2-Dichloroethane	BQL	1.00	0.210	1	6/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.194	1	6/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.204	1	6/28/2007	
1,2-Dichloropropane	BQL	1.00	0.212	1	6/28/2007	
1,3-Dichloropropane	BQL	1.00	0.228	1	6/28/2007	
2,2-Dichloropropane	BQL	1.00	0.229	1	6/28/2007	
1,1-Dichloropropene	BQL	1.00	0.231	1	6/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.242	1	6/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.234	1	6/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.215	1	6/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.282	1	6/28/2007	
Ethylbenzene	BQL	1.00	0.280	1	6/28/2007	
Hexachlorobutadiene	BQL	1.00	0.652	1	6/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW21

Client Project ID: Bldg 45 NV018

Lab Sample ID: G650-114-8A

Lab Project ID: G650-114

Analyzed By: CLP

Date Collected: 6/20/2007 15:50

Date Received: 6/22/2007

Matrix: Water

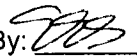
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	1.19	1	6/28/2007	
Iodomethane	BQL	1.00	0.156	1	6/28/2007	
Isopropylbenzene	BQL	1.00	0.316	1	6/28/2007	
4-Isopropyltoluene	BQL	1.00	0.436	1	6/28/2007	
Methylene chloride	BQL	5.00	0.300	1	6/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.38	1	6/28/2007	
Methyl-tert-butyl ether (MTBE)	0.570	1.00	0.209	1	6/28/2007	J
Naphthalene	BQL	1.00	0.524	1	6/28/2007	
n-Propyl benzene	BQL	1.00	0.380	1	6/28/2007	
Styrene	BQL	1.00	0.322	1	6/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.277	1	6/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.329	1	6/28/2007	
Tetrachloroethene	BQL	1.00	0.226	1	6/28/2007	
Toluene	BQL	1.00	0.223	1	6/28/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.687	1	6/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.596	1	6/28/2007	
Trichloroethene	BQL	1.00	0.209	1	6/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.256	1	6/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.279	1	6/28/2007	
Trichlorofluoromethane	BQL	1.00	0.202	1	6/28/2007	
1,2,3-Trichloropropane	BQL	1.00	1.48	1	6/28/2007	
1,2,4-Trimethylbenzene	0.690	1.00	0.413	1	6/28/2007	J
1,3,5-Trimethylbenzene	BQL	1.00	0.378	1	6/28/2007	
Vinyl chloride	BQL	1.00	0.221	1	6/28/2007	
m-,p-Xylene	BQL	2.00	0.606	1	6/28/2007	
o-Xylene	BQL	1.00	0.344	1	6/28/2007	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		10	10.3	103		
Toluene-d8		10	10.1	101		
4-Bromofluorobenzene		10	10.2	102		

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW04/45

Client Project ID: Bldg 45 NV018

Lab Sample ID: G650-114-9A

Lab Project ID: G650-114

Analyzed By: CLP

Date Collected: 6/20/2007 17:30

Date Received: 6/22/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	6/28/2007	
Benzene	BQL	1.00	0.213	1	6/28/2007	
Bromobenzene	BQL	1.00	0.295	1	6/28/2007	
Bromochloromethane	BQL	1.00	0.209	1	6/28/2007	
Bromodichloromethane	BQL	1.00	0.196	1	6/28/2007	
Bromoform	BQL	1.00	0.199	1	6/28/2007	
Bromomethane	BQL	1.00	0.392	1	6/28/2007	
2-Butanone	BQL	25.0	1.53	1	6/28/2007	
n-Butylbenzene	BQL	1.00	0.490	1	6/28/2007	
sec-Butylbenzene	BQL	1.00	0.432	1	6/28/2007	
tert-Butylbenzene	BQL	1.00	0.391	1	6/28/2007	
Carbon disulfide	BQL	1.00	0.200	1	6/28/2007	
Carbon tetrachloride	BQL	1.00	0.277	1	6/28/2007	
Chlorobenzene	BQL	1.00	0.290	1	6/28/2007	
Chloroethane	BQL	1.00	0.568	1	6/28/2007	
Chloroform	BQL	1.00	0.204	1	6/28/2007	
Chloromethane	BQL	1.00	0.271	1	6/28/2007	
2-Chlorotoluene	BQL	1.00	0.321	1	6/28/2007	
4-Chlorotoluene	BQL	1.00	0.367	1	6/28/2007	
Dibromochloromethane	BQL	1.00	0.239	1	6/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	4.30	1	6/28/2007	
Dibromomethane	BQL	1.00	0.312	1	6/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.252	1	6/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.374	1	6/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.364	1	6/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.401	1	6/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	4.25	1	6/28/2007	
1,1-Dichloroethane	BQL	1.00	0.237	1	6/28/2007	
1,1-Dichloroethene	BQL	1.00	0.185	1	6/28/2007	
1,2-Dichloroethane	BQL	1.00	0.210	1	6/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.194	1	6/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.204	1	6/28/2007	
1,2-Dichloropropane	BQL	1.00	0.212	1	6/28/2007	
1,3-Dichloropropane	BQL	1.00	0.228	1	6/28/2007	
2,2-Dichloropropane	BQL	1.00	0.229	1	6/28/2007	
1,1-Dichloropropene	BQL	1.00	0.231	1	6/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.242	1	6/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.234	1	6/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.215	1	6/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.282	1	6/28/2007	
Ethylbenzene	BQL	1.00	0.280	1	6/28/2007	
Hexachlorobutadiene	BQL	1.00	0.652	1	6/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-MW04/45
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-9A
Lab Project ID: G650-114

Analyzed By: CLP
Date Collected: 6/20/2007 17:30
Date Received: 6/22/2007
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	1.19	1	6/28/2007	
Iodomethane	BQL	1.00	0.156	1	6/28/2007	
Isopropylbenzene	BQL	1.00	0.316	1	6/28/2007	
4-Isopropyltoluene	BQL	1.00	0.436	1	6/28/2007	
Methylene chloride	BQL	5.00	0.300	1	6/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.38	1	6/28/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.209	1	6/28/2007	
Naphthalene	BQL	1.00	0.524	1	6/28/2007	
n-Propyl benzene	BQL	1.00	0.380	1	6/28/2007	
Styrene	BQL	1.00	0.322	1	6/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.277	1	6/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.329	1	6/28/2007	
Tetrachloroethene	BQL	1.00	0.226	1	6/28/2007	
Toluene	BQL	1.00	0.223	1	6/28/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.687	1	6/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.596	1	6/28/2007	
Trichloroethene	BQL	1.00	0.209	1	6/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.256	1	6/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.279	1	6/28/2007	
Trichlorofluoromethane	BQL	1.00	0.202	1	6/28/2007	
1,2,3-Trichloropropane	BQL	1.00	1.48	1	6/28/2007	
1,2,4-Trimethylbenzene	0.490	1.00	0.413	1	6/28/2007	J
1,3,5-Trimethylbenzene	BQL	1.00	0.378	1	6/28/2007	
Vinyl chloride	BQL	1.00	0.221	1	6/28/2007	
m-,p-Xylene	BQL	2.00	0.606	1	6/28/2007	
o-Xylene	BQL	1.00	0.344	1	6/28/2007	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		10	10.2	102		
Toluene-d8		10	10.1	101		
4-Bromofluorobenzene		10	10.2	102		

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-Duplicate
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-10A
Lab Project ID: G650-114

Analyzed By: CLP
Date Collected: 6/20/2007 0:00
Date Received: 6/22/2007
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	6/28/2007	
Benzene	BQL	1.00	0.213	1	6/28/2007	
Bromobenzene	BQL	1.00	0.295	1	6/28/2007	
Bromochloromethane	BQL	1.00	0.209	1	6/28/2007	
Bromodichloromethane	BQL	1.00	0.196	1	6/28/2007	
Bromoform	BQL	1.00	0.199	1	6/28/2007	
Bromomethane	BQL	1.00	0.392	1	6/28/2007	
2-Butanone	BQL	25.0	1.53	1	6/28/2007	
n-Butylbenzene	BQL	1.00	0.490	1	6/28/2007	
sec-Butylbenzene	BQL	1.00	0.432	1	6/28/2007	
tert-Butylbenzene	BQL	1.00	0.391	1	6/28/2007	
Carbon disulfide	BQL	1.00	0.200	1	6/28/2007	
Carbon tetrachloride	BQL	1.00	0.277	1	6/28/2007	
Chlorobenzene	BQL	1.00	0.290	1	6/28/2007	
Chloroethane	BQL	1.00	0.568	1	6/28/2007	
Chloroform	BQL	1.00	0.204	1	6/28/2007	
Chloromethane	BQL	1.00	0.271	1	6/28/2007	
2-Chlorotoluene	BQL	1.00	0.321	1	6/28/2007	
4-Chlorotoluene	BQL	1.00	0.367	1	6/28/2007	
Dibromochloromethane	BQL	1.00	0.239	1	6/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	4.30	1	6/28/2007	
Dibromomethane	BQL	1.00	0.312	1	6/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.252	1	6/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.374	1	6/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.364	1	6/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.401	1	6/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	4.25	1	6/28/2007	
1,1-Dichloroethane	BQL	1.00	0.237	1	6/28/2007	
1,1-Dichloroethene	BQL	1.00	0.185	1	6/28/2007	
1,2-Dichloroethane	BQL	1.00	0.210	1	6/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.194	1	6/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.204	1	6/28/2007	
1,2-Dichloropropane	BQL	1.00	0.212	1	6/28/2007	
1,3-Dichloropropane	BQL	1.00	0.228	1	6/28/2007	
2,2-Dichloropropane	BQL	1.00	0.229	1	6/28/2007	
1,1-Dichloropropene	BQL	1.00	0.231	1	6/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.242	1	6/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.234	1	6/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.215	1	6/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.282	1	6/28/2007	
Ethylbenzene	BQL	1.00	0.280	1	6/28/2007	
Hexachlorobutadiene	BQL	1.00	0.652	1	6/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST45/5941-Duplicate
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-10A
Lab Project ID: G650-114

Analyzed By: CLP
Date Collected: 6/20/2007 0:00
Date Received: 6/22/2007
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	1.19	1	6/28/2007	
Iodomethane	BQL	1.00	0.156	1	6/28/2007	
Isopropylbenzene	BQL	1.00	0.316	1	6/28/2007	
4-Isopropyltoluene	BQL	1.00	0.436	1	6/28/2007	
Methylene chloride	BQL	5.00	0.300	1	6/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.38	1	6/28/2007	
Methyl-tert-butyl ether (MTBE)	0.570	1.00	0.209	1	6/28/2007	J
Naphthalene	BQL	1.00	0.524	1	6/28/2007	
n-Propyl benzene	BQL	1.00	0.380	1	6/28/2007	
Styrene	BQL	1.00	0.322	1	6/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.277	1	6/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.329	1	6/28/2007	
Tetrachloroethene	BQL	1.00	0.226	1	6/28/2007	
Toluene	BQL	1.00	0.223	1	6/28/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.687	1	6/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.596	1	6/28/2007	
Trichloroethene	BQL	1.00	0.209	1	6/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.256	1	6/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.279	1	6/28/2007	
Trichlorofluoromethane	BQL	1.00	0.202	1	6/28/2007	
1,2,3-Trichloropropane	BQL	1.00	1.48	1	6/28/2007	
1,2,4-Trimethylbenzene	0.630	1.00	0.413	1	6/28/2007	J
1,3,5-Trimethylbenzene	BQL	1.00	0.378	1	6/28/2007	
Vinyl chloride	BQL	1.00	0.221	1	6/28/2007	
m-,p-Xylene	BQL	2.00	0.606	1	6/28/2007	
o-Xylene	BQL	1.00	0.344	1	6/28/2007	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		10	10.2	102		
Toluene-d8		10	9.92	99		
4-Bromofluorobenzene		10	10.5	105		

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK4062707B
Lab Project ID:

Analyzed By: MJC
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	6/27/2007	
Benzene	BQL	1.00	0.213	1	6/27/2007	
Bromobenzene	BQL	1.00	0.295	1	6/27/2007	
Bromochloromethane	BQL	1.00	0.209	1	6/27/2007	
Bromodichloromethane	BQL	1.00	0.196	1	6/27/2007	
Bromoform	BQL	1.00	0.199	1	6/27/2007	
Bromomethane	BQL	1.00	0.392	1	6/27/2007	
2-Butanone	BQL	25.0	1.53	1	6/27/2007	
n-Butylbenzene	BQL	1.00	0.490	1	6/27/2007	
sec-Butylbenzene	BQL	1.00	0.432	1	6/27/2007	
tert-Butylbenzene	BQL	1.00	0.391	1	6/27/2007	
Carbon disulfide	BQL	1.00	0.200	1	6/27/2007	
Carbon tetrachloride	BQL	1.00	0.277	1	6/27/2007	
Chlorobenzene	BQL	1.00	0.290	1	6/27/2007	
Chloroethane	BQL	1.00	0.568	1	6/27/2007	
Chloroform	BQL	1.00	0.204	1	6/27/2007	
Chloromethane	BQL	1.00	0.271	1	6/27/2007	
2-Chlorotoluene	BQL	1.00	0.321	1	6/27/2007	
4-Chlorotoluene	BQL	1.00	0.367	1	6/27/2007	
Dibromochloromethane	BQL	1.00	0.239	1	6/27/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	4.30	1	6/27/2007	
Dibromomethane	BQL	1.00	0.312	1	6/27/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.252	1	6/27/2007	
1,2-Dichlorobenzene	BQL	1.00	0.374	1	6/27/2007	
1,3-Dichlorobenzene	BQL	1.00	0.364	1	6/27/2007	
1,4-Dichlorobenzene	BQL	1.00	0.401	1	6/27/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	4.25	1	6/27/2007	
1,1-Dichloroethane	BQL	1.00	0.237	1	6/27/2007	
1,1-Dichloroethene	BQL	1.00	0.185	1	6/27/2007	
1,2-Dichloroethane	BQL	1.00	0.210	1	6/27/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.194	1	6/27/2007	
trans-1,2-dichloroethene	BQL	1.00	0.204	1	6/27/2007	
1,2-Dichloropropane	BQL	1.00	0.212	1	6/27/2007	
1,3-Dichloropropane	BQL	1.00	0.228	1	6/27/2007	
2,2-Dichloropropane	BQL	1.00	0.229	1	6/27/2007	
1,1-Dichloropropene	BQL	1.00	0.231	1	6/27/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.242	1	6/27/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.234	1	6/27/2007	
Dichlorodifluoromethane	BQL	5.00	0.215	1	6/27/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.282	1	6/27/2007	
Ethylbenzene	BQL	1.00	0.280	1	6/27/2007	
Hexachlorobutadiene	BQL	1.00	0.652	1	6/27/2007	

**Results for Volatiles
by GCMS 8260B**

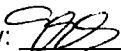
Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK4062707B
Lab Project ID:

Analyzed By: MJC
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	1.19	1	6/27/2007	
Iodomethane	BQL	1.00	0.156	1	6/27/2007	
Isopropylbenzene	BQL	1.00	0.316	1	6/27/2007	
4-Isopropyltoluene	BQL	1.00	0.436	1	6/27/2007	
Methylene chloride	BQL	5.00	0.300	1	6/27/2007	
4-Methyl-2-pentanone	BQL	5.00	1.38	1	6/27/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.209	1	6/27/2007	
Naphthalene	BQL	1.00	0.524	1	6/27/2007	
n-Propyl benzene	BQL	1.00	0.380	1	6/27/2007	
Styrene	BQL	1.00	0.322	1	6/27/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.277	1	6/27/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.329	1	6/27/2007	
Tetrachloroethene	BQL	1.00	0.226	1	6/27/2007	
Toluene	BQL	1.00	0.223	1	6/27/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.687	1	6/27/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.596	1	6/27/2007	
Trichloroethene	BQL	1.00	0.209	1	6/27/2007	
1,1,1-Trichloroethane	BQL	1.00	0.256	1	6/27/2007	
1,1,2-Trichloroethane	BQL	1.00	0.279	1	6/27/2007	
Trichlorofluoromethane	BQL	1.00	0.202	1	6/27/2007	
1,2,3-Trichloropropane	BQL	1.00	1.48	1	6/27/2007	
1,2,4-Trimethylbenzene	BQL	1.00	0.413	1	6/27/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.378	1	6/27/2007	
Vinyl chloride	BQL	1.00	0.221	1	6/27/2007	
m-,p-Xylene	BQL	2.00	0.606	1	6/27/2007	
o-Xylene	BQL	1.00	0.344	1	6/27/2007	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		10	11.3	113		
Toluene-d8		10	10.1	101		
4-Bromofluorobenzene		10	10	100		

Comments:**Flags:**

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

Reviewed By: 



SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental

Contract:

Lab Code: NC00919

Case No.:

SAS No.:

SDG No.:

LCS: LCS4062707A

ilename: 0627404.D

Date Analyzed: 06/27/07 09:48 Dilution: 1

LCSD: LCS4062707B

ilename: 0627405.D

Date Analyzed: 06/27/07 10:19 Matrix: Water

COMPOUND	LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	% RPD	QC LIMITS	
								RPD	REC
benzene	5.00	5.66	113	5.00	4.75	95.0	17.5	30	77.4-123
chlorobenzene	5.00	5.21	104	5.00	4.81	96.2	7.98	30	72.5-128
1,1-dichloroethene	5.00	5.05	101	5.00	4.62	92.4	8.89	30	71.7-128
toluene	5.00	6.18	124	5.00	5.55	111	10.7	30	75.9-124
trichloroethene	5.00	5.36	107	5.00	4.94	98.8	8.16	30	77.9-122

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:



SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental

Contract:

Lab Code: NC00919

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.: g118-479-3a

Dilution: 2000

Filename: 0627417.D, 0627422.D, 0627423.D

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS	
									RPD	REC
benzene	BQL	10000	11600	116	10000	10700	107	7.90	30	61.6-135
chlorobenzene	BQL	10000	10100	101	10000	9960	99.6	1.40	30	77.2-118
1,1-dichloroethene	BQL	10000	10500	105	10000	8980	89.8	15.8	30	64.4-130
toluene	BQL	10000	11400	114	10000	10500	105	8.55	30	66.4-128
trichloroethene	BQL	10000	11100	111	10000	10000	100	10.4	30	84.9-136

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW09
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-11
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/19/2007 17:20
Date Received: 6/22/2007
Date Extracted: 6/25/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	7/2/2007	
Acenaphthylene	BQL	10.0	1.12	1	7/2/2007	
Anthracene	BQL	10.0	1.75	1	7/2/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	7/2/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	7/2/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	7/2/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	7/2/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	7/2/2007	
Benzoic Acid	BQL	20.0	5.44	1	7/2/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	7/2/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	7/2/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	7/2/2007	
Bis(2-ethylhexyl)phthalate	8.20	10.0	1.33	1	7/2/2007	J
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	7/2/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	7/2/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	7/2/2007	
2-Chlorophenol	BQL	10.0	4.22	1	7/2/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	7/2/2007	
4-Chloroaniline	BQL	50.0	17.8	1	7/2/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	7/2/2007	
Chrysene	BQL	10.0	1.11	1	7/2/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	7/2/2007	
Dibenzofuran	BQL	10.0	1.12	1	7/2/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	7/2/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	7/2/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	7/2/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	7/2/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	7/2/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	7/2/2007	
Diethylphthalate	BQL	10.0	1.48	1	7/2/2007	
Dimethylphthalate	BQL	10.0	1.04	1	7/2/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	7/2/2007	
Di-n-octylphthalate	2.30	10.0	1.16	1	7/2/2007	J
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	7/2/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	7/2/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	7/2/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	7/2/2007	
Diphenylamine *	BQL	10.0	1.53	1	7/2/2007	
Fluoranthene	BQL	10.0	1.41	1	7/2/2007	
Fluorene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	7/2/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	7/2/2007	
Hexachloroethane	BQL	10.0	1.58	1	7/2/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	7/2/2007	
Isophorone	BQL	10.0	1.27	1	7/2/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	7/2/2007	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW09
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-1I
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/19/2007 17:20
Date Received: 6/22/2007
Date Extracted: 6/25/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	7/2/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	7/2/2007	
Naphthalene	BQL	10.0	1.08	1	7/2/2007	
2-Nitroaniline	BQL	10.0	1.48	1	7/2/2007	
3-Nitroaniline	BQL	50.0	5.39	1	7/2/2007	
4-Nitroaniline	BQL	50.0	2.57	1	7/2/2007	
Nitrobenzene	BQL	10.0	1.32	1	7/2/2007	
2-Nitrophenol	BQL	10.0	3.52	1	7/2/2007	
4-Nitrophenol	BQL	50.0	3.17	1	7/2/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	7/2/2007	
Pentachlorophenol	BQL	50.0	2.83	1	7/2/2007	
Phenanthrene	BQL	10.0	1.38	1	7/2/2007	
Phenol	BQL	10.0	3.38	1	7/2/2007	
Pyrene	BQL	10.0	2.08	1	7/2/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	7/2/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	7/2/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	7/2/2007	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	8.5	85		
2-Fluorophenol		10	8.6	86		
Nitrobenzene-d5		10	8.7	87		
Phenol-d6		10	9	90		
2,4,6-Tribromophenol		10	9.4	94		
4-Terphenyl-d14		10	10.6	106		

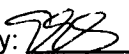
Comments:

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

Flags:

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW06
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-3G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 10:50
Date Received: 6/22/2007
Date Extracted: 6/25/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	7/2/2007	
Acenaphthylene	BQL	10.0	1.12	1	7/2/2007	
Anthracene	BQL	10.0	1.75	1	7/2/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	7/2/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	7/2/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	7/2/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	7/2/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	7/2/2007	
Benzoic Acid	BQL	20.0	5.44	1	7/2/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	7/2/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	7/2/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	7/2/2007	
Bis(2-ethylhexyl)phthalate	1.40	10.0	1.33	1	7/2/2007	J
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	7/2/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	7/2/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	7/2/2007	
2-Chlorophenol	BQL	10.0	4.22	1	7/2/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	7/2/2007	
4-Chloroaniline	BQL	50.0	17.8	1	7/2/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	7/2/2007	
Chrysene	BQL	10.0	1.11	1	7/2/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	7/2/2007	
Dibenzofuran	BQL	10.0	1.12	1	7/2/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	7/2/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	7/2/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	7/2/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	7/2/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	7/2/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	7/2/2007	
Diethylphthalate	BQL	10.0	1.48	1	7/2/2007	
Dimethylphthalate	BQL	10.0	1.04	1	7/2/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	7/2/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	7/2/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	7/2/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	7/2/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	7/2/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	7/2/2007	
Diphenylamine *	BQL	10.0	1.53	1	7/2/2007	
Fluoranthene	BQL	10.0	1.41	1	7/2/2007	
Fluorene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	7/2/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	7/2/2007	
Hexachloroethane	BQL	10.0	1.58	1	7/2/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	7/2/2007	
Isophorone	BQL	10.0	1.27	1	7/2/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	7/2/2007	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW06
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-3G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 10:50
Date Received: 6/22/2007
Date Extracted: 6/25/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	7/2/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	7/2/2007	
Naphthalene	BQL	10.0	1.08	1	7/2/2007	
2-Nitroaniline	BQL	10.0	1.48	1	7/2/2007	
3-Nitroaniline	BQL	50.0	5.39	1	7/2/2007	
4-Nitroaniline	BQL	50.0	2.57	1	7/2/2007	
Nitrobenzene	BQL	10.0	1.32	1	7/2/2007	
2-Nitrophenol	BQL	10.0	3.52	1	7/2/2007	
4-Nitrophenol	BQL	50.0	3.17	1	7/2/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	7/2/2007	
Pentachlorophenol	BQL	50.0	2.83	1	7/2/2007	
Phenanthrene	BQL	10.0	1.38	1	7/2/2007	
Phenol	BQL	10.0	3.38	1	7/2/2007	
Pyrene	BQL	10.0	2.08	1	7/2/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	7/2/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	7/2/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	7/2/2007	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	8	80		
2-Fluorophenol		10	7.5	75		
Nitrobenzene-d5		10	7.8	78		
Phenol-d6		10	7.8	78		
2,4,6-Tribromophenol		10	7.9	79		
4-Terphenyl-d14		10	11.2	112		

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 Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW13
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-4G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 11:45
Date Received: 6/22/2007
Date Extracted: 6/25/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	7/2/2007	
Acenaphthylene	BQL	10.0	1.12	1	7/2/2007	
Anthracene	BQL	10.0	1.75	1	7/2/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	7/2/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	7/2/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	7/2/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	7/2/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	7/2/2007	
Benzoic Acid	BQL	20.0	5.44	1	7/2/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	7/2/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	7/2/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	7/2/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	7/2/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	7/2/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	7/2/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	7/2/2007	
2-Chlorophenol	BQL	10.0	4.22	1	7/2/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	7/2/2007	
4-Chloroaniline	BQL	50.0	17.8	1	7/2/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	7/2/2007	
Chrysene	BQL	10.0	1.11	1	7/2/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	7/2/2007	
Dibenzofuran	BQL	10.0	1.12	1	7/2/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	7/2/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	7/2/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	7/2/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	7/2/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	7/2/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	7/2/2007	
Diethylphthalate	BQL	10.0	1.48	1	7/2/2007	
Dimethylphthalate	BQL	10.0	1.04	1	7/2/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	7/2/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	7/2/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	7/2/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	7/2/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	7/2/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	7/2/2007	
Diphenylamine *	BQL	10.0	1.53	1	7/2/2007	
Fluoranthene	BQL	10.0	1.41	1	7/2/2007	
Fluorene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	7/2/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	7/2/2007	
Hexachloroethane	BQL	10.0	1.58	1	7/2/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	7/2/2007	
Isophorone	BQL	10.0	1.27	1	7/2/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	7/2/2007	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW13
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-4G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 11:45
Date Received: 6/22/2007
Date Extracted: 6/25/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	7/2/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	7/2/2007	
Naphthalene	BQL	10.0	1.08	1	7/2/2007	
2-Nitroaniline	BQL	10.0	1.48	1	7/2/2007	
3-Nitroaniline	BQL	50.0	5.39	1	7/2/2007	
4-Nitroaniline	BQL	50.0	2.57	1	7/2/2007	
Nitrobenzene	BQL	10.0	1.32	1	7/2/2007	
2-Nitrophenol	BQL	10.0	3.52	1	7/2/2007	
4-Nitrophenol	BQL	50.0	3.17	1	7/2/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	7/2/2007	
Pentachlorophenol	BQL	50.0	2.83	1	7/2/2007	
Phenanthrene	BQL	10.0	1.38	1	7/2/2007	
Phenol	BQL	10.0	3.38	1	7/2/2007	
Pyrene	BQL	10.0	2.08	1	7/2/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	7/2/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	7/2/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	7/2/2007	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	8.5	85		
2-Fluorophenol		10	8.6	86		
Nitrobenzene-d5		10	8.5	85		
Phenol-d6		10	8.9	89		
2,4,6-Tribromophenol		10	8.8	88		
4-Terphenyl-d14		10	9.3	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 for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW01/45
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-5G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 13:20
Date Received: 6/22/2007
Date Extracted: 6/25/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	7/2/2007	
Acenaphthylene	BQL	10.0	1.12	1	7/2/2007	
Anthracene	BQL	10.0	1.75	1	7/2/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	7/2/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	7/2/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	7/2/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	7/2/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	7/2/2007	
Benzoic Acid	BQL	20.0	5.44	1	7/2/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	7/2/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	7/2/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	7/2/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	7/2/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	7/2/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	7/2/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	7/2/2007	
2-Chlorophenol	BQL	10.0	4.22	1	7/2/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	7/2/2007	
4-Chloroaniline	BQL	50.0	17.8	1	7/2/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	7/2/2007	
Chrysene	BQL	10.0	1.11	1	7/2/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	7/2/2007	
Dibenzofuran	BQL	10.0	1.12	1	7/2/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	7/2/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	7/2/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	7/2/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	7/2/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	7/2/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	7/2/2007	
Diethylphthalate	BQL	10.0	1.48	1	7/2/2007	
Dimethylphthalate	BQL	10.0	1.04	1	7/2/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	7/2/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	7/2/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	7/2/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	7/2/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	7/2/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	7/2/2007	
Diphenylamine *	BQL	10.0	1.53	1	7/2/2007	
Fluoranthene	BQL	10.0	1.41	1	7/2/2007	
Fluorene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	7/2/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	7/2/2007	
Hexachloroethane	BQL	10.0	1.58	1	7/2/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	7/2/2007	
Isophorone	BQL	10.0	1.27	1	7/2/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	7/2/2007	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW01/45
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-5G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 13:20
Date Received: 6/22/2007
Date Extracted: 6/25/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	7/2/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	7/2/2007	
Naphthalene	BQL	10.0	1.08	1	7/2/2007	
2-Nitroaniline	BQL	10.0	1.48	1	7/2/2007	
3-Nitroaniline	BQL	50.0	5.39	1	7/2/2007	
4-Nitroaniline	BQL	50.0	2.57	1	7/2/2007	
Nitrobenzene	BQL	10.0	1.32	1	7/2/2007	
2-Nitrophenol	BQL	10.0	3.52	1	7/2/2007	
4-Nitrophenol	BQL	50.0	3.17	1	7/2/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	7/2/2007	
Pentachlorophenol	BQL	50.0	2.83	1	7/2/2007	
Phenanthrene	BQL	10.0	1.38	1	7/2/2007	
Phenol	BQL	10.0	3.38	1	7/2/2007	
Pyrene	BQL	10.0	2.08	1	7/2/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	7/2/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	7/2/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	7/2/2007	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	8.3	83		
2-Fluorophenol		10	8	80		
Nitrobenzene-d5		10	8.7	87		
Phenol-d6		10	8.3	83		
2,4,6-Tribromophenol		10	9.1	91		
4-Terphenyl-d14		10	9.3	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 for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW15
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-6H
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 12:50
Date Received: 6/22/2007
Date Extracted: 6/25/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	7/2/2007	
Acenaphthylene	BQL	10.0	1.12	1	7/2/2007	
Anthracene	BQL	10.0	1.75	1	7/2/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	7/2/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	7/2/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	7/2/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	7/2/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	7/2/2007	
Benzoic Acid	BQL	20.0	5.44	1	7/2/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	7/2/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	7/2/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	7/2/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	7/2/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	7/2/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	7/2/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	7/2/2007	
2-Chlorophenol	BQL	10.0	4.22	1	7/2/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	7/2/2007	
4-Chloroaniline	BQL	50.0	17.8	1	7/2/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	7/2/2007	
Chrysene	BQL	10.0	1.11	1	7/2/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	7/2/2007	
Dibenzofuran	BQL	10.0	1.12	1	7/2/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	7/2/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	7/2/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	7/2/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	7/2/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	7/2/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	7/2/2007	
Diethylphthalate	BQL	10.0	1.48	1	7/2/2007	
Dimethylphthalate	BQL	10.0	1.04	1	7/2/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	7/2/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	7/2/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	7/2/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	7/2/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	7/2/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	7/2/2007	
Diphenylamine *	BQL	10.0	1.53	1	7/2/2007	
Fluoranthene	BQL	10.0	1.41	1	7/2/2007	
Fluorene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	7/2/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	7/2/2007	
Hexachloroethane	BQL	10.0	1.58	1	7/2/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	7/2/2007	
Isophorone	BQL	10.0	1.27	1	7/2/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	7/2/2007	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW15
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-6H
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 12:50
Date Received: 6/22/2007
Date Extracted: 6/25/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	7/2/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	7/2/2007	
Naphthalene	BQL	10.0	1.08	1	7/2/2007	
2-Nitroaniline	BQL	10.0	1.48	1	7/2/2007	
3-Nitroaniline	BQL	50.0	5.39	1	7/2/2007	
4-Nitroaniline	BQL	50.0	2.57	1	7/2/2007	
Nitrobenzene	BQL	10.0	1.32	1	7/2/2007	
2-Nitrophenol	BQL	10.0	3.52	1	7/2/2007	
4-Nitrophenol	BQL	50.0	3.17	1	7/2/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	7/2/2007	
Pentachlorophenol	BQL	50.0	2.83	1	7/2/2007	
Phenanthrene	BQL	10.0	1.38	1	7/2/2007	
Phenol	BQL	10.0	3.38	1	7/2/2007	
Pyrene	BQL	10.0	2.08	1	7/2/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	7/2/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	7/2/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	7/2/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	3.8	38 #
2-Fluorophenol	10	2.9	29 #
Nitrobenzene-d5	10	3.4	34 #
Phenol-d6	10	3.4	34 #
2,4,6-Tribromophenol	10	4.1	41
4-Terphenyl-d14	10	5.3	53

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.
Sample was re-extracted due to low surrogate recovery.

Flags:

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

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW15
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-6I
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 12:50
Date Received: 6/22/2007
Date Extracted: 7/3/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.5	1.28	1	7/5/2007	
Acenaphthylene	BQL	10.5	1.18	1	7/5/2007	
Anthracene	BQL	10.5	1.84	1	7/5/2007	
Benzo[a]anthracene	BQL	10.5	1.43	1	7/5/2007	
Benzo[a]pyrene	BQL	10.5	1.34	1	7/5/2007	
Benzo[b]fluoranthene	BQL	10.5	1.51	1	7/5/2007	
Benzo[g,h,i]perylene	BQL	10.5	4.81	1	7/5/2007	
Benzo[k]fluoranthene	BQL	10.5	1.15	1	7/5/2007	
Benzoic Acid	BQL	21.1	5.73	1	7/5/2007	
Bis(2-chloroethoxy)methane	BQL	10.5	1.17	1	7/5/2007	
Bis(2-chloroethyl)ether	BQL	10.5	1.15	1	7/5/2007	
Bis(2-chloroisopropyl)ether	BQL	10.5	1.65	1	7/5/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.5	1.40	1	7/5/2007	
4-bromophenyl phenyl ether	BQL	10.5	2.09	1	7/5/2007	
Butylbenzylphthalate	BQL	10.5	1.61	1	7/5/2007	
2-Chloronaphthalene	BQL	10.5	1.32	1	7/5/2007	
2-Chlorophenol	BQL	10.5	4.44	1	7/5/2007	
4-Chloro-3-methylphenol	BQL	10.5	3.43	1	7/5/2007	
4-Chloroaniline	BQL	52.6	18.7	1	7/5/2007	
4-Chlorophenyl phenyl ether	BQL	10.5	1.49	1	7/5/2007	
Chrysene	BQL	10.5	1.17	1	7/5/2007	
Dibenzo[a,h]anthracene	BQL	10.5	5.13	1	7/5/2007	
Dibenzofuran	BQL	10.5	1.18	1	7/5/2007	
Di-n-Butylphthalate	BQL	10.5	1.74	1	7/5/2007	
1,2-Dichlorobenzene	BQL	10.5	1.32	1	7/5/2007	
1,3-Dichlorobenzene	BQL	10.5	1.31	1	7/5/2007	
1,4-Dichlorobenzene	BQL	10.5	1.26	1	7/5/2007	
3,3'-Dichlorobenzidine	BQL	21.1	4.32	1	7/5/2007	
2,4-Dichlorophenol	BQL	10.5	3.95	1	7/5/2007	
Diethylphthalate	BQL	10.5	1.56	1	7/5/2007	
Dimethylphthalate	BQL	10.5	1.09	1	7/5/2007	
2,4-Dimethylphenol	BQL	10.5	9.74	1	7/5/2007	
Di-n-octylphthalate	BQL	10.5	1.22	1	7/5/2007	
4,6-Dinitro-2-methylphenol	BQL	52.6	3.91	1	7/5/2007	
2,4-Dinitrophenol	BQL	52.6	4.42	1	7/5/2007	
2,4-Dinitrotoluene	BQL	10.5	1.60	1	7/5/2007	
2,6-Dinitrotoluene	BQL	10.5	1.48	1	7/5/2007	
Diphenylamine *	BQL	10.5	1.61	1	7/5/2007	
Fluoranthene	BQL	10.5	1.48	1	7/5/2007	
Fluorene	BQL	10.5	1.28	1	7/5/2007	
Hexachlorobenzene	BQL	10.5	1.28	1	7/5/2007	
Hexachlorobutadiene	BQL	10.5	1.66	1	7/5/2007	
Hexachlorocyclopentadiene	BQL	21.1	21.1	1	7/5/2007	
Hexachloroethane	BQL	10.5	1.66	1	7/5/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.5	4.81	1	7/5/2007	
Isophorone	BQL	10.5	1.34	1	7/5/2007	
2-Methylnaphthalene	BQL	10.5	1.43	1	7/5/2007	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW15
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-6I
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 12:50
Date Received: 6/22/2007
Date Extracted: 7/3/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.5	4.22	1	7/5/2007	
3- & 4-Methylphenol	BQL	10.5	3.09	1	7/5/2007	
Naphthalene	BQL	10.5	1.14	1	7/5/2007	
2-Nitroaniline	BQL	10.5	1.56	1	7/5/2007	
3-Nitroaniline	BQL	52.6	5.67	1	7/5/2007	
4-Nitroaniline	BQL	52.6	2.71	1	7/5/2007	
Nitrobenzene	BQL	10.5	1.39	1	7/5/2007	
2-Nitrophenol	BQL	10.5	3.71	1	7/5/2007	
4-Nitrophenol	BQL	52.6	3.34	1	7/5/2007	
N-Nitrosodi-n-propylamine	BQL	10.5	1.97	1	7/5/2007	
Pentachlorophenol	BQL	52.6	2.98	1	7/5/2007	
Phenanthrene	BQL	10.5	1.45	1	7/5/2007	
Phenol	BQL	10.5	3.56	1	7/5/2007	
Pyrene	BQL	10.5	2.19	1	7/5/2007	
1,2,4-Trichlorobenzene	BQL	10.5	1.40	1	7/5/2007	
2,4,5-Trichlorophenol	BQL	10.5	2.77	1	7/5/2007	
2,4,6-Trichlorophenol	BQL	10.5	3.07	1	7/5/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.4	94
2-Fluorophenol	10	9.5	95
Nitrobenzene-d5	10	9.9	99
Phenol-d6	10	10.3	103
2,4,6-Tribromophenol	10	11.7	117
4-Terphenyl-d14	10	14	140

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.
Sample was re-extracted out of protocol.

Flags:

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW14
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-7G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 15:20
Date Received: 6/22/2007
Date Extracted: 6/27/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	7/2/2007	
Acenaphthylene	BQL	10.0	1.12	1	7/2/2007	
Anthracene	BQL	10.0	1.75	1	7/2/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	7/2/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	7/2/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	7/2/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	7/2/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	7/2/2007	
Benzoic Acid	BQL	20.0	5.44	1	7/2/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	7/2/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	7/2/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	7/2/2007	
Bis(2-ethylhexyl)phthalate	2.00	10.0	1.33	1	7/2/2007	J
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	7/2/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	7/2/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	7/2/2007	
2-Chlorophenol	BQL	10.0	4.22	1	7/2/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	7/2/2007	
4-Chloroaniline	BQL	50.0	17.8	1	7/2/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	7/2/2007	
Chrysene	BQL	10.0	1.11	1	7/2/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	7/2/2007	
Dibenzofuran	BQL	10.0	1.12	1	7/2/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	7/2/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	7/2/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	7/2/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	7/2/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	7/2/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	7/2/2007	
Diethylphthalate	BQL	10.0	1.48	1	7/2/2007	
Dimethylphthalate	BQL	10.0	1.04	1	7/2/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	7/2/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	7/2/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	7/2/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	7/2/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	7/2/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	7/2/2007	
Diphenylamine *	BQL	10.0	1.53	1	7/2/2007	
Fluoranthene	BQL	10.0	1.41	1	7/2/2007	
Fluorene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	7/2/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	7/2/2007	
Hexachloroethane	BQL	10.0	1.58	1	7/2/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	7/2/2007	
Isophorone	BQL	10.0	1.27	1	7/2/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	7/2/2007	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW14
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-7G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 15:20
Date Received: 6/22/2007
Date Extracted: 6/27/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	7/2/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	7/2/2007	
Naphthalene	BQL	10.0	1.08	1	7/2/2007	
2-Nitroaniline	BQL	10.0	1.48	1	7/2/2007	
3-Nitroaniline	BQL	50.0	5.39	1	7/2/2007	
4-Nitroaniline	BQL	50.0	2.57	1	7/2/2007	
Nitrobenzene	BQL	10.0	1.32	1	7/2/2007	
2-Nitrophenol	BQL	10.0	3.52	1	7/2/2007	
4-Nitrophenol	BQL	50.0	3.17	1	7/2/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	7/2/2007	
Pentachlorophenol	BQL	50.0	2.83	1	7/2/2007	
Phenanthrene	BQL	10.0	1.38	1	7/2/2007	
Phenol	BQL	10.0	3.38	1	7/2/2007	
Pyrene	BQL	10.0	2.08	1	7/2/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	7/2/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	7/2/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	7/2/2007	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	7.1	71		
2-Fluorophenol		10	6.9	69		
Nitrobenzene-d5		10	7.3	73		
Phenol-d6		10	7.8	78		
2,4,6-Tribromophenol		10	8.7	87		
4-Terphenyl-d14		10	8.8	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 for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW21
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-8G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 15:50
Date Received: 6/22/2007
Date Extracted: 6/27/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	7/2/2007	
Acenaphthylene	BQL	10.0	1.12	1	7/2/2007	
Anthracene	BQL	10.0	1.75	1	7/2/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	7/2/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	7/2/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	7/2/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	7/2/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	7/2/2007	
Benzoic Acid	BQL	20.0	5.44	1	7/2/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	7/2/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	7/2/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	7/2/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	7/2/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	7/2/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	7/2/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	7/2/2007	
2-Chlorophenol	BQL	10.0	4.22	1	7/2/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	7/2/2007	
4-Chloroaniline	BQL	50.0	17.8	1	7/2/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	7/2/2007	
Chrysene	BQL	10.0	1.11	1	7/2/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	7/2/2007	
Dibenzofuran	BQL	10.0	1.12	1	7/2/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	7/2/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	7/2/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	7/2/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	7/2/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	7/2/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	7/2/2007	
Diethylphthalate	BQL	10.0	1.48	1	7/2/2007	
Dimethylphthalate	BQL	10.0	1.04	1	7/2/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	7/2/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	7/2/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	7/2/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	7/2/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	7/2/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	7/2/2007	
Diphenylamine *	BQL	10.0	1.53	1	7/2/2007	
Fluoranthene	BQL	10.0	1.41	1	7/2/2007	
Fluorene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	7/2/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	7/2/2007	
Hexachloroethane	BQL	10.0	1.58	1	7/2/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	7/2/2007	
Isophorone	BQL	10.0	1.27	1	7/2/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	7/2/2007	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW21
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-8G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 15:50
Date Received: 6/22/2007
Date Extracted: 6/27/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	7/2/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	7/2/2007	
Naphthalene	BQL	10.0	1.08	1	7/2/2007	
2-Nitroaniline	BQL	10.0	1.48	1	7/2/2007	
3-Nitroaniline	BQL	50.0	5.39	1	7/2/2007	
4-Nitroaniline	BQL	50.0	2.57	1	7/2/2007	
Nitrobenzene	BQL	10.0	1.32	1	7/2/2007	
2-Nitrophenol	BQL	10.0	3.52	1	7/2/2007	
4-Nitrophenol	BQL	50.0	3.17	1	7/2/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	7/2/2007	
Pentachlorophenol	BQL	50.0	2.83	1	7/2/2007	
Phenanthrene	BQL	10.0	1.38	1	7/2/2007	
Phenol	BQL	10.0	3.38	1	7/2/2007	
Pyrene	BQL	10.0	2.08	1	7/2/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	7/2/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	7/2/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	7/2/2007	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	7.2	72		
2-Fluorophenol		10	7.1	71		
Nitrobenzene-d5		10	7.6	76		
Phenol-d6		10	7.7	77		
2,4,6-Tribromophenol		10	7.7	77		
4-Terphenyl-d14		10	9	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 for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW04/45
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-9G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 17:30
Date Received: 6/22/2007
Date Extracted: 6/27/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	7/2/2007	
Acenaphthylene	BQL	10.0	1.12	1	7/2/2007	
Anthracene	BQL	10.0	1.75	1	7/2/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	7/2/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	7/2/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	7/2/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	7/2/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	7/2/2007	
Benzoic Acid	BQL	20.0	5.44	1	7/2/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	7/2/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	7/2/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	7/2/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	7/2/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	7/2/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	7/2/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	7/2/2007	
2-Chlorophenol	BQL	10.0	4.22	1	7/2/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	7/2/2007	
4-Chloroaniline	BQL	50.0	17.8	1	7/2/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	7/2/2007	
Chrysene	BQL	10.0	1.11	1	7/2/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	7/2/2007	
Dibenzofuran	BQL	10.0	1.12	1	7/2/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	7/2/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	7/2/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	7/2/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	7/2/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	7/2/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	7/2/2007	
Diethylphthalate	BQL	10.0	1.48	1	7/2/2007	
Dimethylphthalate	BQL	10.0	1.04	1	7/2/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	7/2/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	7/2/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	7/2/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	7/2/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	7/2/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	7/2/2007	
Diphenylamine *	BQL	10.0	1.53	1	7/2/2007	
Fluoranthene	BQL	10.0	1.41	1	7/2/2007	
Fluorene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	7/2/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	7/2/2007	
Hexachloroethane	BQL	10.0	1.58	1	7/2/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	7/2/2007	
Isophorone	BQL	10.0	1.27	1	7/2/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	7/2/2007	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-MW04/45
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-9G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 17:30
Date Received: 6/22/2007
Date Extracted: 6/27/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	7/2/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	7/2/2007	
Naphthalene	BQL	10.0	1.08	1	7/2/2007	
2-Nitroaniline	BQL	10.0	1.48	1	7/2/2007	
3-Nitroaniline	BQL	50.0	5.39	1	7/2/2007	
4-Nitroaniline	BQL	50.0	2.57	1	7/2/2007	
Nitrobenzene	BQL	10.0	1.32	1	7/2/2007	
2-Nitrophenol	BQL	10.0	3.52	1	7/2/2007	
4-Nitrophenol	BQL	50.0	3.17	1	7/2/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	7/2/2007	
Pentachlorophenol	BQL	50.0	2.83	1	7/2/2007	
Phenanthrene	BQL	10.0	1.38	1	7/2/2007	
Phenol	BQL	10.0	3.38	1	7/2/2007	
Pyrene	BQL	10.0	2.08	1	7/2/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	7/2/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	7/2/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	7/2/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	7.5	75
2-Fluorophenol	10	7.6	76
Nitrobenzene-d5	10	7.9	79
Phenol-d6	10	7.9	79
2,4,6-Tribromophenol	10	8.2	82
4-Terphenyl-d14	10	9.1	91

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 Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-Duplicate
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-10G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 0:00
Date Received: 6/22/2007
Date Extracted: 6/27/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	7/2/2007	
Acenaphthylene	BQL	10.0	1.12	1	7/2/2007	
Anthracene	BQL	10.0	1.75	1	7/2/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	7/2/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	7/2/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	7/2/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	7/2/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	7/2/2007	
Benzoic Acid	BQL	20.0	5.44	1	7/2/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	7/2/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	7/2/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	7/2/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	7/2/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	7/2/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	7/2/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	7/2/2007	
2-Chlorophenol	BQL	10.0	4.22	1	7/2/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	7/2/2007	
4-Chloroaniline	BQL	50.0	17.8	1	7/2/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	7/2/2007	
Chrysene	BQL	10.0	1.11	1	7/2/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	7/2/2007	
Dibenzofuran	BQL	10.0	1.12	1	7/2/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	7/2/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	7/2/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	7/2/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	7/2/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	7/2/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	7/2/2007	
Diethylphthalate	BQL	10.0	1.48	1	7/2/2007	
Dimethylphthalate	BQL	10.0	1.04	1	7/2/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	7/2/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	7/2/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	7/2/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	7/2/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	7/2/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	7/2/2007	
Diphenylamine *	BQL	10.0	1.53	1	7/2/2007	
Fluoranthene	BQL	10.0	1.41	1	7/2/2007	
Fluorene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	7/2/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	7/2/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	7/2/2007	
Hexachloroethane	BQL	10.0	1.58	1	7/2/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	7/2/2007	
Isophorone	BQL	10.0	1.27	1	7/2/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	7/2/2007	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: UST45/5941-Duplicate
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-10G
Lab Project ID: G650-114

Analyzed By: EAW
Date Collected: 6/20/2007 0:00
Date Received: 6/22/2007
Date Extracted: 6/27/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	7/2/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	7/2/2007	
Naphthalene	BQL	10.0	1.08	1	7/2/2007	
2-Nitroaniline	BQL	10.0	1.48	1	7/2/2007	
3-Nitroaniline	BQL	50.0	5.39	1	7/2/2007	
4-Nitroaniline	BQL	50.0	2.57	1	7/2/2007	
Nitrobenzene	BQL	10.0	1.32	1	7/2/2007	
2-Nitrophenol	BQL	10.0	3.52	1	7/2/2007	
4-Nitrophenol	BQL	50.0	3.17	1	7/2/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	7/2/2007	
Pentachlorophenol	BQL	50.0	2.83	1	7/2/2007	
Phenanthrene	BQL	10.0	1.38	1	7/2/2007	
Phenol	BQL	10.0	3.38	1	7/2/2007	
Pyrene	BQL	10.0	2.08	1	7/2/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	7/2/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	7/2/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	7/2/2007	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	7.6	76		
2-Fluorophenol		10	7.7	77		
Nitrobenzene-d5		10	8	80		
Phenol-d6		10	8.1	81		
2,4,6-Tribromophenol		10	8.1	81		
4-Terphenyl-d14		10	10.4	104		

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 Semivolatiles
by GCMS 8270**

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB8484
Lab Project ID:

Analyzed By: EAW
Date Collected:
Date Received:
Date Extracted: 6/25/2007
Matrix: WATER

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	7/1/2007	
Acenaphthylene	BQL	10.0	1.12	1	7/1/2007	
Anthracene	BQL	10.0	1.75	1	7/1/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	7/1/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	7/1/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	7/1/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	7/1/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	7/1/2007	
Benzoic Acid	BQL	20.0	5.44	1	7/1/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	7/1/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	7/1/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	7/1/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	7/1/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	7/1/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	7/1/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	7/1/2007	
2-Chlorophenol	BQL	10.0	4.22	1	7/1/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	7/1/2007	
4-Chloroaniline	BQL	50.0	17.8	1	7/1/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	7/1/2007	
Chrysene	BQL	10.0	1.11	1	7/1/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	7/1/2007	
Dibenzofuran	BQL	10.0	1.12	1	7/1/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	7/1/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	7/1/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	7/1/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	7/1/2007	
3,4-Dichlorobenzidine	BQL	20.0	4.10	1	7/1/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	7/1/2007	
Diethylphthalate	BQL	10.0	1.48	1	7/1/2007	
Dimethylphthalate	BQL	10.0	1.04	1	7/1/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	7/1/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	7/1/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	7/1/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	7/1/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	7/1/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	7/1/2007	
Diphenylamine *	BQL	10.0	1.53	1	7/1/2007	
Fluoranthene	BQL	10.0	1.41	1	7/1/2007	
Fluorene	BQL	10.0	1.22	1	7/1/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	7/1/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	7/1/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	7/1/2007	
Hexachloroethane	BQL	10.0	1.58	1	7/1/2007	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB8484
Lab Project ID:

Analyzed By: EAW
Date Collected:
Date Received:
Date Extracted: 6/25/2007
Matrix: WATER

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	7/1/2007	
Isophorone	BQL	10.0	1.27	1	7/1/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	7/1/2007	
2-Methylphenol	BQL	10.0	4.01	1	7/1/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	7/1/2007	
Naphthalene	BQL	10.0	1.08	1	7/1/2007	
2-Nitroaniline	BQL	10.0	1.48	1	7/1/2007	
3-Nitroaniline	BQL	50.0	5.39	1	7/1/2007	
4-Nitroaniline	BQL	50.0	2.57	1	7/1/2007	
Nitrobenzene	BQL	10.0	1.32	1	7/1/2007	
2-Nitrophenol	BQL	10.0	3.52	1	7/1/2007	
4-Nitrophenol	BQL	50.0	3.17	1	7/1/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	7/1/2007	
Pentachlorophenol	BQL	50.0	2.83	1	7/1/2007	
Phenanthrene	BQL	10.0	1.38	1	7/1/2007	
Phenol	BQL	10.0	3.38	1	7/1/2007	
Pyrene	BQL	10.0	2.08	1	7/1/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	7/1/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	7/1/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	7/1/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8	80
2-Fluorophenol	10	8	80
Nitrobenzene-d5	10	8.3	83
Phenol-d6	10	8.6	86
2,4,6-Tribromophenol	10	8.4	84
4-Terphenyl-d14	10	10.6	105

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

Date Collected:

Client Project ID:

Date Received:

Lab Sample ID: Batch-8484-MS/MSD/LCS

Date Extracted: 06/25/07

Lab Project ID: G650-115-4H

Date Analyzed: 06/27/07

Matrix: WATER

Analyzed By: EAW

Prep Method: 3520

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.	QC Limits		
								RPD	RPD	% Rec.
Acenaphthylene	BQL	200	189	94.4	200	206	103.0	8.52	30	62.0-119
4-Chloro-3-methylphenol	BQL	200	185	92.3	200	198	99.0	7.00	30	67.0-109
2-Chlorophenol	BQL	200	156	78.0	200	173	86.5	10.3	30	59.0-95.0
1,4-Dichlorobenzene	BQL	200	116	58.1	200	134	66.9	14.1	30	29.0-86.0
2,4-Dinitrotoluene	BQL	200	186	93.1	200	199	99.7	6.85	30	63.0-103
N-Nitrosodi-n-propylamine	BQL	200	178	89.2	200	201	101.0	12.0	30	67.0-107
4-Nitrophenol	BQL	200	170	84.9	200	173	86.5	1.87	30	49.0-146
Pentachlorophenol	BQL	200	170	85.1	200	181	90.5	6.15	30	43.0-106
Phenol	BQL	200	169	84.4	200	184	92.2	8.83	30	61.0-100
Pyrene	BQL	200	208	104	200	197	98.4	5.63	30	41.0-123
1,2,4-Trichlorobenzene	BQL	200	155	77.4	200	174	87.1	11.8	30	41.0-96.0

	Spiked Amount (µg/L)	LCS Conc. (µg/L)	LCS Spike %	QC Limits
				% Rec.
Acenaphthylene	100	101	101	52.1-145
4-Chloro-3-methylphenol	100	99.6	99.6	51.1-135
2-Chlorophenol	100	87.0	87.0	43.7-128
1,4-Dichlorobenzene	100	79.7	79.7	30.0-110
2,4-Dinitrotoluene	100	99.8	99.8	56.3-144
N-Nitrosodi-n-propylamine	100	101	101	55.9-143
4-Nitrophenol	100	91.9	91.9	47.8-148
Pentachlorophenol	100	88.2	88.2	43.9-118
Phenol	100	92.5	92.5	48.0-124
Pyrene	100	110	110	29.9-185
1,2,4-Trichlorobenzene	100	92.2	92.2	43.9-122

Comments:

Concentrations reflect the spiked sample amounts.

Flags:

* = Out of limits.

NA = Not applicable.

Reviewed By:

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB8510
Lab Project ID:

Analyzed By: EAW
Date Collected:
Date Received:
Date Extracted: 6/27/2007
Matrix: WATER

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	6/30/2007	
Acenaphthylene	BQL	10.0	1.12	1	6/30/2007	
Anthracene	BQL	10.0	1.75	1	6/30/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	6/30/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	6/30/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	6/30/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	6/30/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	6/30/2007	
Benzoic Acid	BQL	20.0	5.44	1	6/30/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	6/30/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	6/30/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	6/30/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	6/30/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	6/30/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	6/30/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	6/30/2007	
2-Chlorophenol	BQL	10.0	4.22	1	6/30/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	6/30/2007	
4-Chloroaniline	BQL	50.0	17.8	1	6/30/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	6/30/2007	
Chrysene	BQL	10.0	1.11	1	6/30/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	6/30/2007	
Dibenzofuran	BQL	10.0	1.12	1	6/30/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	6/30/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	6/30/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	6/30/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	6/30/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	6/30/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	6/30/2007	
Diethylphthalate	BQL	10.0	1.48	1	6/30/2007	
Dimethylphthalate	BQL	10.0	1.04	1	6/30/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	6/30/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	6/30/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	6/30/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	6/30/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	6/30/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	6/30/2007	
Diphenylamine *	BQL	10.0	1.53	1	6/30/2007	
Fluoranthene	BQL	10.0	1.41	1	6/30/2007	
Fluorene	BQL	10.0	1.22	1	6/30/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	6/30/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	6/30/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	6/30/2007	
Hexachloroethane	BQL	10.0	1.58	1	6/30/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	6/30/2007	
Isophorone	BQL	10.0	1.27	1	6/30/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	6/30/2007	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB8510
Lab Project ID:

Analyzed By: EAW
Date Collected:
Date Received:
Date Extracted: 6/27/2007
Matrix: WATER

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	6/30/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	6/30/2007	
Naphthalene	BQL	10.0	1.08	1	6/30/2007	
2-Nitroaniline	BQL	10.0	1.48	1	6/30/2007	
3-Nitroaniline	BQL	50.0	5.39	1	6/30/2007	
4-Nitroaniline	BQL	50.0	2.57	1	6/30/2007	
Nitrobenzene	BQL	10.0	1.32	1	6/30/2007	
2-Nitrophenol	BQL	10.0	3.52	1	6/30/2007	
4-Nitrophenol	BQL	50.0	3.17	1	6/30/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	6/30/2007	
Pentachlorophenol	BQL	50.0	2.83	1	6/30/2007	
Phenanthrene	BQL	10.0	1.38	1	6/30/2007	
Phenol	BQL	10.0	3.38	1	6/30/2007	
Pyrene	BQL	10.0	2.08	1	6/30/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	6/30/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	6/30/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	6/30/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.1	81
2-Fluorophenol	10	7.5	75
Nitrobenzene-d5	10	8.4	84
Phenol-d6	10	8	80
2,4,6-Tribromophenol	10	7.9	79
4-Terphenyl-d14	10	11.4	114

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

Date Collected:

Client Project ID:

Date Received:

Lab Sample ID: Batch-8510-MS/MSD/LCS

Date Extracted: 06/27/07

Lab Project ID: G650-116-7H

Date Analyzed: 06/30/07

Matrix: WATER

Analyzed By: EAW

Prep Method: 3520

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.	QC Limits		
								RPD	RPD	% Rec.
Acenaphthylene	BQL	222	195	87.8	222	232	105.0	17.5	30	62.0-119
4-Chloro-3-methylphenol	BQL	222	189	84.9	222	224	101.0	17.3	30	67.0-109
2-Chlorophenol	BQL	222	161	72.4	222	197	88.6	20.1	30	59.0-95.0
1,4-Dichlorobenzene	BQL	222	123	55.5	222	140	62.9	12.5	30	29.0-86.0
2,4-Dinitrotoluene	BQL	222	187	84.3	222	225	101.0	18.4	30	63.0-103
N-Nitrosodi-n-propylamine	BQL	222	188	84.5	222	226	102.0	18.6	30	67.0-107
4-Nitrophenol	BQL	222	161	72.4	222	183	82.5	13.0	30	49.0-146
Pentachlorophenol	BQL	222	170	76.4	222	192	86.3	12.2	30	43.0-106
Phenol	BQL	222	174	78.3	222	212	95.4	19.7	30	61.0-100
Pyrene	BQL	222	235	106	222	288	130*	20.4	30	41.0-123
1,2,4-Trichlorobenzene	BQL	222	164	73.6	222	192	86.4	16.0	30	41.0-96.0

	Spiked Amount (µg/L)	LCS Conc. (µg/L)	LCS Spike %	QC Limits
				% Rec.
Acenaphthylene	100	97.8	97.8	52.1-145
4-Chloro-3-methylphenol	100	95.0	95.0	51.1-135
2-Chlorophenol	100	79.9	79.9	43.7-128
1,4-Dichlorobenzene	100	70.4	70.4	30.0-110
2,4-Dinitrotoluene	100	97.1	97.1	56.3-144
N-Nitrosodi-n-propylamine	100	93.8	93.8	55.9-143
4-Nitrophenol	100	80.7	80.7	47.8-148
Pentachlorophenol	100	81.1	81.1	43.9-118
Phenol	100	88.2	88.2	48.0-124
Pyrene	100	113	113	29.9-185
1,2,4-Trichlorobenzene	100	86.8	86.8	43.9-122

Comments:

Concentrations reflect the spiked sample amounts.

Flags:

* = Out of limits.

NA = Not applicable.

Reviewed By:



Results for Metals

Client Sample ID: UST45/5941-MW09
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-1
Lab Project ID: G650-114
Batch ID: 8466

Analyzed By: AEC
Date Collected: 6/19/07 17:20
Date Received: 6/22/07
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	BQL	5.00	0.278	25	UG/L	6020	6/26/07	

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL
Samples Prepared by 3030C

Reviewed By: 
MET_LIMS_4.2

**Results for Metals**

Client Sample ID: UST45/5941-MW06
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-3
Lab Project ID: G650-114
Batch ID: 8466

Analyzed By: AEC
Date Collected: 6/20/07 10:50
Date Received: 6/22/07
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	BQL	5.00	0.278	25	UG/L	6020	6/26/07	

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL
Samples Prepared by 3030C

Reviewed By: 
MET_LIMS_4.2

**Results for Metals**

Client Sample ID: UST45/5941-MW13
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-4
Lab Project ID: G650-114
Batch ID: 8466

Analyzed By: AEC
Date Collected: 6/20/07 11:45
Date Received: 6/22/07
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	BQL	5.00	0.278	25	UG/L	6020	6/26/07	

Comments

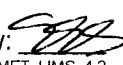
BQL = Below Quantitation Limits

DF = Dilution Factor

J = Between MDL and RL

B= Amount in Prep Blank > MDL

Samples Prepared by 3030C

Reviewed By: 
MET_LIMS_4.2



Results for Metals

Client Sample ID: UST45/5941-MW01/45
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-5
Lab Project ID: G650-114
Batch ID: 8466

Analyzed By: AEC
Date Collected: 6/20/07 13:20
Date Received: 6/22/07
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	BQL	5.00	0.278	25	UG/L	6020	6/26/07	

Comments

BQL = Below Quantitation Limits

DF = Dilution Factor

J = Between MDL and RL

B= Amount in Prep Blank > MDL

Samples Prepared by 3030C

Reviewed By: 
MET_LIMS_4.2



Results for Metals

Client Sample ID: UST45/5941-MW15
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-6
Lab Project ID: G650-114
Batch ID: 8466

Analyzed By: AEC
Date Collected: 6/20/07 12:50
Date Received: 6/22/07
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	BQL	5.00	0.278	25	UG/L	6020	6/26/07	

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL
Samples Prepared by 3030C

Reviewed By: 
MET_LIMS_4.2



Results for Metals

Client Sample ID: UST45/5941-MW14
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-7
Lab Project ID: G650-114
Batch ID: 8466

Analyzed By: AEC
Date Collected: 6/20/07 15:20
Date Received: 6/22/07
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	1.10	5.00	0.278	25	UG/L	6020	6/26/07	J

Comments

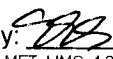
BQL = Below Quantitation Limits

DF = Dilution Factor

J = Between MDL and RL

B= Amount in Prep Blank > MDL

Samples Prepared by 3030C

Reviewed By: 
MET_LIMS_4.2



Results for Metals

Client Sample ID: UST45/5941-MW21
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-8
Lab Project ID: G650-114
Batch ID: 8466

Analyzed By: AEC
Date Collected: 6/20/07 15:50
Date Received: 6/22/07
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	BQL	5.00	0.278	25	UG/L	6020	6/26/07	

Comments

BQL = Below Quantitation Limits

DF = Dilution Factor

J = Between MDL and RL

B= Amount in Prep Blank > MDL

Samples Prepared by 3030C

Reviewed By: 
MET_LIMS_4.2



Results for Metals

Client Sample ID: UST45/5941-MW04/45
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-9
Lab Project ID: G650-114
Batch ID: 8466

Analyzed By: AEC
Date Collected: 6/20/07 17:30
Date Received: 6/22/07
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	BQL	5.00	0.278	25	UG/L	6020	6/26/07	

Comments

BQL = Below Quantitation Limits

DF = Dilution Factor

J = Between MDL and RL

B= Amount in Prep Blank > MDL

Samples Prepared by 3030C

Reviewed By: 
MET_LIMS_4.2



Results for Metals

Client Sample ID: UST45/5941-Duplicate
Client Project ID: Bldg 45 NV018
Lab Sample ID: G650-114-10
Lab Project ID: G650-114
Batch ID: 8466

Analyzed By: AEC
Date Collected: 6/20/07 0:00
Date Received: 6/22/07
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	BQL	5.00	0.278	25	UG/L	6020	6/26/07	

Comments

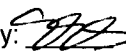
BQL = Below Quantitation Limits

DF = Dilution Factor

J = Between MDL and RL

B= Amount in Prep Blank > MDL

Samples Prepared by 3030C

Reviewed By: 
MET_LIMS_4.2



Results for Metals

Client Sample ID: Lab Blank
Client Project ID:
Lab Sample ID: pb8466
Lab Project ID:
Batch ID: 8466

Analyzed By: AEC
Date Collected:
Date Received:
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	BQL	5.00	0.278	25	UG/L	6020	6/26/07	

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL
Samples Prepared by 3030C

Reviewed By: 
MET_LIMS_4.2

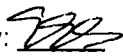


METALS Results for LCS/LCD

ICP Batch: 8466
HG Batch:
Other:

Matrix: WATER
Units: MG/L

						Limit				
Analyte	TRUE Value	LCS	LCS %REC	LCD	LCD %REC	Lower	Upper	RPD		RPD Limit
Lead	0.400	0.477	119	0.473	118.25	80	120	0.842		20

Reviewed By: 



MS/MSD Results for METALS

Lab ID: G650-114-1
MS Lab ID: G650-114-1
MSD Lab ID: G650-114-1
ICP Batch: 8466
HG Batch:
Other:

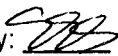
Analyzed By: AEC
Matrix: Water
Units: MG/L

Analyte	Sample Result	SA MS	MS Result	MS %REC	*	SA MSD	MSD Result	MSD %REC	*	Limit		RPD	RPD Limit
										Lower	Upper		
Lead	BQL	0.400	0.102	25.5	*	0.400	0.103	25.8	*	75	125	0.976	20

Comments

*=Out of Limits

NA = Not applicable, due to sample concentration greater than three times spike concentration

Reviewed By: 



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

% solids = 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.



Locations Nationwide

- Alaska
- Ohio
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

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[illegible]

Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
 200 W. Potter Drive
 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



Mr. Chris Murray
Sovereign Consulting
405 Oakmeads Crescent
Suite 1
Virginia Beach VA 23462
Report Number: G650-125
Client Project: NV019

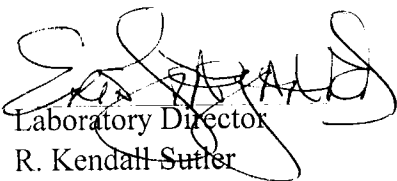
Dear Mr. Murray:

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 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.


Laboratory Director
R. Kendall Suttler

1/2/03
Date



List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit (RL or MDL)

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

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

% Rec = Percent Recovery

% solids = 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 GCMS 8260B**

Client Sample ID: UST4515941-MW04145

Client Project ID: NV019

Lab Sample ID: G650-125-1D

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 9:52

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	12/28/2007	
Benzene	BQL	1.00	0.0800	1	12/28/2007	
Bromobenzene	BQL	1.00	0.143	1	12/28/2007	
Bromochloromethane	BQL	1.00	0.261	1	12/28/2007	
Bromodichloromethane	BQL	1.00	0.146	1	12/28/2007	
Bromoform	BQL	1.00	0.275	1	12/28/2007	
Bromomethane	BQL	1.00	0.261	1	12/28/2007	
2-Butanone	BQL	25.0	1.53	1	12/28/2007	
n-Butylbenzene	BQL	1.00	0.105	1	12/28/2007	
sec-Butylbenzene	BQL	1.00	0.117	1	12/28/2007	
tert-Butylbenzene	BQL	1.00	0.128	1	12/28/2007	
Carbon disulfide	BQL	1.00	0.0630	1	12/28/2007	
Carbon tetrachloride	BQL	1.00	0.102	1	12/28/2007	
Chlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Chloroethane	BQL	1.00	0.568	1	12/28/2007	
Chloroform	BQL	1.00	0.121	1	12/28/2007	
Chloromethane	BQL	1.00	0.206	1	12/28/2007	
2-Chlorotoluene	BQL	1.00	0.110	1	12/28/2007	
4-Chlorotoluene	BQL	1.00	0.107	1	12/28/2007	
Dibromochloromethane	BQL	1.00	0.124	1	12/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	12/28/2007	
Dibromomethane	BQL	1.00	0.199	1	12/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	12/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	12/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	12/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	12/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	12/28/2007	
1,1-Dichloroethane	BQL	1.00	0.0880	1	12/28/2007	
1,1-Dichloroethene	BQL	1.00	0.204	1	12/28/2007	
1,2-Dichloroethane	BQL	1.00	0.132	1	12/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	12/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	12/28/2007	
1,2-Dichloropropane	BQL	1.00	0.0960	1	12/28/2007	
1,3-Dichloropropane	BQL	1.00	0.162	1	12/28/2007	
2,2-Dichloropropane	BQL	1.00	0.181	1	12/28/2007	
1,1-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	12/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.254	1	12/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	12/28/2007	
Ethylbenzene	BQL	1.00	0.111	1	12/28/2007	
Hexachlorobutadiene	BQL	1.00	0.229	1	12/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-MW04145

Client Project ID: NV019

Lab Sample ID: G650-125-1D

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 9:52

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	12/28/2007	
Iodomethane	BQL	1.00	0.0790	1	12/28/2007	
Isopropylbenzene	BQL	1.00	0.127	1	12/28/2007	
4-Isopropyltoluene	BQL	1.00	0.124	1	12/28/2007	
Methylene chloride	BQL	5.00	0.199	1	12/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	12/28/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	12/28/2007	
Naphthalene	BQL	1.00	0.173	1	12/28/2007	
n-Propyl benzene	BQL	1.00	0.120	1	12/28/2007	
Styrene	BQL	1.00	0.109	1	12/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	12/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	12/28/2007	
Tetrachloroethene	BQL	1.00	0.112	1	12/28/2007	
Toluene	BQL	1.00	0.0910	1	12/28/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Trichloroethene	BQL	1.00	0.0870	1	12/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	12/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	12/28/2007	
Trichlorofluoromethane	BQL	1.00	0.247	1	12/28/2007	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	12/28/2007	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	12/28/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	12/28/2007	
Vinyl chloride	BQL	1.00	0.305	1	12/28/2007	
m-,p-Xylene	BQL	2.00	0.215	1	12/28/2007	
o-Xylene	BQL	1.00	0.110	1	12/28/2007	

Spike Added	Spike Result	Percent Recovered
10	11.5	115
10	10.2	102
10	9.99	100

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-TRIP BLANK

Client Project ID: NV019

Lab Sample ID: G650-125-2A

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 9:30

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	12/28/2007	
Benzene	BQL	1.00	0.0800	1	12/28/2007	
Bromobenzene	BQL	1.00	0.143	1	12/28/2007	
Bromochloromethane	BQL	1.00	0.261	1	12/28/2007	
Bromodichloromethane	BQL	1.00	0.146	1	12/28/2007	
Bromoform	BQL	1.00	0.275	1	12/28/2007	
Bromomethane	BQL	1.00	0.261	1	12/28/2007	
2-Butanone	BQL	25.0	1.53	1	12/28/2007	
n-Butylbenzene	BQL	1.00	0.105	1	12/28/2007	
sec-Butylbenzene	BQL	1.00	0.117	1	12/28/2007	
tert-Butylbenzene	BQL	1.00	0.128	1	12/28/2007	
Carbon disulfide	BQL	1.00	0.0630	1	12/28/2007	
Carbon tetrachloride	BQL	1.00	0.102	1	12/28/2007	
Chlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Chloroethane	BQL	1.00	0.568	1	12/28/2007	
Chloroform	BQL	1.00	0.121	1	12/28/2007	
Chloromethane	BQL	1.00	0.206	1	12/28/2007	
2-Chlorotoluene	BQL	1.00	0.110	1	12/28/2007	
4-Chlorotoluene	BQL	1.00	0.107	1	12/28/2007	
Dibromochloromethane	BQL	1.00	0.124	1	12/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	12/28/2007	
Dibromomethane	BQL	1.00	0.199	1	12/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	12/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	12/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	12/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	12/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	12/28/2007	
1,1-Dichloroethane	BQL	1.00	0.0880	1	12/28/2007	
1,1-Dichloroethene	BQL	1.00	0.204	1	12/28/2007	
1,2-Dichloroethane	BQL	1.00	0.132	1	12/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	12/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	12/28/2007	
1,2-Dichloropropane	BQL	1.00	0.0960	1	12/28/2007	
1,3-Dichloropropane	BQL	1.00	0.162	1	12/28/2007	
2,2-Dichloropropane	BQL	1.00	0.181	1	12/28/2007	
1,1-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	12/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.254	1	12/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	12/28/2007	
Ethylbenzene	BQL	1.00	0.111	1	12/28/2007	
Hexachlorobutadiene	BQL	1.00	0.229	1	12/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-TRIP BLANK

Client Project ID: NV019

Lab Sample ID: G650-125-2A

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 9:30

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	12/28/2007	
Iodomethane	BQL	1.00	0.0790	1	12/28/2007	
Isopropylbenzene	BQL	1.00	0.127	1	12/28/2007	
4-Isopropyltoluene	BQL	1.00	0.124	1	12/28/2007	
Methylene chloride	0.380	5.00	0.199	1	12/28/2007	J
4-Methyl-2-pentanone	BQL	5.00	1.04	1	12/28/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	12/28/2007	
Naphthalene	BQL	1.00	0.173	1	12/28/2007	
n-Propyl benzene	BQL	1.00	0.120	1	12/28/2007	
Styrene	BQL	1.00	0.109	1	12/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	12/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	12/28/2007	
Tetrachloroethene	BQL	1.00	0.112	1	12/28/2007	
Toluene	0.140	1.00	0.0910	1	12/28/2007	J
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Trichloroethene	BQL	1.00	0.0870	1	12/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	12/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	12/28/2007	
Trichlorofluoromethane	BQL	1.00	0.247	1	12/28/2007	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	12/28/2007	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	12/28/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	12/28/2007	
Vinyl chloride	BQL	1.00	0.305	1	12/28/2007	
m-,p-Xylene	BQL	2.00	0.215	1	12/28/2007	
o-Xylene	BQL	1.00	0.110	1	12/28/2007	

Spike Added	Spike Result	Percent Recovered
10	11.8	118
10	10	100
10	9.87	99

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-MW15

Client Project ID: NV019

Lab Sample ID: G650-125-3D

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 10:49

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	12/28/2007	
Benzene	BQL	1.00	0.0800	1	12/28/2007	
Bromobenzene	BQL	1.00	0.143	1	12/28/2007	
Bromochloromethane	BQL	1.00	0.261	1	12/28/2007	
Bromodichloromethane	BQL	1.00	0.146	1	12/28/2007	
Bromoform	BQL	1.00	0.275	1	12/28/2007	
Bromomethane	BQL	1.00	0.261	1	12/28/2007	
2-Butanone	BQL	25.0	1.53	1	12/28/2007	
n-Butylbenzene	BQL	1.00	0.105	1	12/28/2007	
sec-Butylbenzene	BQL	1.00	0.117	1	12/28/2007	
tert-Butylbenzene	BQL	1.00	0.128	1	12/28/2007	
Carbon disulfide	BQL	1.00	0.0630	1	12/28/2007	
Carbon tetrachloride	BQL	1.00	0.102	1	12/28/2007	
Chlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Chloroethane	BQL	1.00	0.568	1	12/28/2007	
Chloroform	BQL	1.00	0.121	1	12/28/2007	
Chloromethane	BQL	1.00	0.206	1	12/28/2007	
2-Chlorotoluene	BQL	1.00	0.110	1	12/28/2007	
4-Chlorotoluene	BQL	1.00	0.107	1	12/28/2007	
Dibromochloromethane	BQL	1.00	0.124	1	12/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	12/28/2007	
Dibromomethane	BQL	1.00	0.199	1	12/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	12/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	12/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	12/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	12/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	12/28/2007	
1,1-Dichloroethane	BQL	1.00	0.0880	1	12/28/2007	
1,1-Dichloroethene	BQL	1.00	0.204	1	12/28/2007	
1,2-Dichloroethane	BQL	1.00	0.132	1	12/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	12/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	12/28/2007	
1,2-Dichloropropane	BQL	1.00	0.0960	1	12/28/2007	
1,3-Dichloropropane	BQL	1.00	0.162	1	12/28/2007	
2,2-Dichloropropane	BQL	1.00	0.181	1	12/28/2007	
1,1-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	12/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.254	1	12/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	12/28/2007	
Ethylbenzene	BQL	1.00	0.111	1	12/28/2007	
Hexachlorobutadiene	BQL	1.00	0.229	1	12/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-MW15

Client Project ID: NV019

Lab Sample ID: G650-125-3D

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 10:49

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	12/28/2007	
Iodomethane	BQL	1.00	0.0790	1	12/28/2007	
Isopropylbenzene	BQL	1.00	0.127	1	12/28/2007	
4-Isopropyltoluene	BQL	1.00	0.124	1	12/28/2007	
Methylene chloride	1.63	5.00	0.199	1	12/28/2007	J
4-Methyl-2-pentanone	BQL	5.00	1.04	1	12/28/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	12/28/2007	
Naphthalene	BQL	1.00	0.173	1	12/28/2007	
n-Propyl benzene	BQL	1.00	0.120	1	12/28/2007	
Styrene	BQL	1.00	0.109	1	12/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	12/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	12/28/2007	
Tetrachloroethene	BQL	1.00	0.112	1	12/28/2007	
Toluene	0.260	1.00	0.0910	1	12/28/2007	J
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Trichloroethene	BQL	1.00	0.0870	1	12/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	12/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	12/28/2007	
Trichlorofluoromethane	BQL	1.00	0.247	1	12/28/2007	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	12/28/2007	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	12/28/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	12/28/2007	
Vinyl chloride	BQL	1.00	0.305	1	12/28/2007	
m-,p-Xylene	BQL	2.00	0.215	1	12/28/2007	
o-Xylene	BQL	1.00	0.110	1	12/28/2007	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11.8	118
Toluene-d8	10	9.93	99
4-Bromofluorobenzene	10	9.68	97

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-MW01145

Client Project ID: NV019

Lab Sample ID: G650-125-4D

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 12:12

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	12/28/2007	
Benzene	BQL	1.00	0.0800	1	12/28/2007	
Bromobenzene	BQL	1.00	0.143	1	12/28/2007	
Bromochloromethane	BQL	1.00	0.261	1	12/28/2007	
Bromodichloromethane	BQL	1.00	0.146	1	12/28/2007	
Bromoform	BQL	1.00	0.275	1	12/28/2007	
Bromomethane	BQL	1.00	0.261	1	12/28/2007	
2-Butanone	BQL	25.0	1.53	1	12/28/2007	
n-Butylbenzene	BQL	1.00	0.105	1	12/28/2007	
sec-Butylbenzene	BQL	1.00	0.117	1	12/28/2007	
tert-Butylbenzene	BQL	1.00	0.128	1	12/28/2007	
Carbon disulfide	BQL	1.00	0.0630	1	12/28/2007	
Carbon tetrachloride	BQL	1.00	0.102	1	12/28/2007	
Chlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Chloroethane	BQL	1.00	0.568	1	12/28/2007	
Chloroform	BQL	1.00	0.121	1	12/28/2007	
Chloromethane	1.00	1.00	0.206	1	12/28/2007	
2-Chlorotoluene	BQL	1.00	0.110	1	12/28/2007	
4-Chlorotoluene	BQL	1.00	0.107	1	12/28/2007	
Dibromochloromethane	BQL	1.00	0.124	1	12/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	12/28/2007	
Dibromomethane	BQL	1.00	0.199	1	12/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	12/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	12/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	12/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	12/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	12/28/2007	
1,1-Dichloroethane	BQL	1.00	0.0880	1	12/28/2007	
1,1-Dichloroethene	BQL	1.00	0.204	1	12/28/2007	
1,2-Dichloroethane	BQL	1.00	0.132	1	12/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	12/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	12/28/2007	
1,2-Dichloropropane	BQL	1.00	0.0960	1	12/28/2007	
1,3-Dichloropropane	BQL	1.00	0.162	1	12/28/2007	
2,2-Dichloropropane	BQL	1.00	0.181	1	12/28/2007	
1,1-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	12/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.254	1	12/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	12/28/2007	
Ethylbenzene	BQL	1.00	0.111	1	12/28/2007	
Hexachlorobutadiene	BQL	1.00	0.229	1	12/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-MW01145

Client Project ID: NV019

Lab Sample ID: G650-125-4D

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 12:12

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	12/28/2007	
Iodomethane	BQL	1.00	0.0790	1	12/28/2007	
Isopropylbenzene	BQL	1.00	0.127	1	12/28/2007	
4-Isopropyltoluene	BQL	1.00	0.124	1	12/28/2007	
Methylene chloride	BQL	5.00	0.199	1	12/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	12/28/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	12/28/2007	
Naphthalene	BQL	1.00	0.173	1	12/28/2007	
n-Propyl benzene	BQL	1.00	0.120	1	12/28/2007	
Styrene	BQL	1.00	0.109	1	12/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	12/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	12/28/2007	
Tetrachloroethene	BQL	1.00	0.112	1	12/28/2007	
Toluene	BQL	1.00	0.0910	1	12/28/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Trichloroethene	BQL	1.00	0.0870	1	12/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	12/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	12/28/2007	
Trichlorofluoromethane	BQL	1.00	0.247	1	12/28/2007	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	12/28/2007	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	12/28/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	12/28/2007	
Vinyl chloride	BQL	1.00	0.305	1	12/28/2007	
m-,p-Xylene	BQL	2.00	0.215	1	12/28/2007	
o-Xylene	BQL	1.00	0.110	1	12/28/2007	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	12.3	123
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	9.69	97

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-MW13

Client Project ID: NV019

Lab Sample ID: G650-125-5D

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 10:55

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	12/28/2007	
Benzene	BQL	1.00	0.0800	1	12/28/2007	
Bromobenzene	BQL	1.00	0.143	1	12/28/2007	
Bromochloromethane	BQL	1.00	0.261	1	12/28/2007	
Bromodichloromethane	BQL	1.00	0.146	1	12/28/2007	
Bromoform	BQL	1.00	0.275	1	12/28/2007	
Bromomethane	BQL	1.00	0.261	1	12/28/2007	
2-Butanone	BQL	25.0	1.53	1	12/28/2007	
n-Butylbenzene	BQL	1.00	0.105	1	12/28/2007	
sec-Butylbenzene	BQL	1.00	0.117	1	12/28/2007	
tert-Butylbenzene	BQL	1.00	0.128	1	12/28/2007	
Carbon disulfide	BQL	1.00	0.0630	1	12/28/2007	
Carbon tetrachloride	BQL	1.00	0.102	1	12/28/2007	
Chlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Chloroethane	BQL	1.00	0.568	1	12/28/2007	
Chloroform	BQL	1.00	0.121	1	12/28/2007	
Chloromethane	BQL	1.00	0.206	1	12/28/2007	
2-Chlorotoluene	BQL	1.00	0.110	1	12/28/2007	
4-Chlorotoluene	BQL	1.00	0.107	1	12/28/2007	
Dibromochloromethane	BQL	1.00	0.124	1	12/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	12/28/2007	
Dibromomethane	BQL	1.00	0.199	1	12/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	12/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	12/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	12/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	12/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	12/28/2007	
1,1-Dichloroethane	BQL	1.00	0.0880	1	12/28/2007	
1,1-Dichloroethene	BQL	1.00	0.204	1	12/28/2007	
1,2-Dichloroethane	BQL	1.00	0.132	1	12/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	12/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	12/28/2007	
1,2-Dichloropropane	BQL	1.00	0.0960	1	12/28/2007	
1,3-Dichloropropane	BQL	1.00	0.162	1	12/28/2007	
2,2-Dichloropropane	BQL	1.00	0.181	1	12/28/2007	
1,1-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	12/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.254	1	12/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	12/28/2007	
Ethylbenzene	BQL	1.00	0.111	1	12/28/2007	
Hexachlorobutadiene	BQL	1.00	0.229	1	12/28/2007	

**Results for Volatiles
by GCMS 8260B**

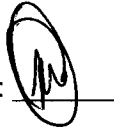
Client Sample ID: UST4515941-MW13
Client Project ID: NV019
Lab Sample ID: G650-125-5D
Lab Project ID: G650-125

Analyzed By: MJC
Date Collected: 12/19/2007 10:55
Date Received: 12/20/2007
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	12/28/2007	
Iodomethane	BQL	1.00	0.0790	1	12/28/2007	
Isopropylbenzene	BQL	1.00	0.127	1	12/28/2007	
4-Isopropyltoluene	BQL	1.00	0.124	1	12/28/2007	
Methylene chloride	BQL	5.00	0.199	1	12/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	12/28/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	12/28/2007	
Naphthalene	BQL	1.00	0.173	1	12/28/2007	
n-Propyl benzene	BQL	1.00	0.120	1	12/28/2007	
Styrene	BQL	1.00	0.109	1	12/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	12/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	12/28/2007	
Tetrachloroethene	BQL	1.00	0.112	1	12/28/2007	
Toluene	BQL	1.00	0.0910	1	12/28/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Trichloroethene	BQL	1.00	0.0870	1	12/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	12/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	12/28/2007	
Trichlorofluoromethane	BQL	1.00	0.247	1	12/28/2007	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	12/28/2007	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	12/28/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	12/28/2007	
Vinyl chloride	BQL	1.00	0.305	1	12/28/2007	
m-,p-Xylene	BQL	2.00	0.215	1	12/28/2007	
o-Xylene	BQL	1.00	0.110	1	12/28/2007	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		10	11.9	119		
Toluene-d8		10	10.2	102		
4-Bromofluorobenzene		10	9.81	98		

Comments:**Flags:**

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

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-MW21

Client Project ID: NV019

Lab Sample ID: G650-125-6D

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 9:40

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	12/28/2007	
Benzene	0.150	1.00	0.0800	1	12/28/2007	J
Bromobenzene	BQL	1.00	0.143	1	12/28/2007	
Bromochloromethane	BQL	1.00	0.261	1	12/28/2007	
Bromodichloromethane	BQL	1.00	0.146	1	12/28/2007	
Bromoform	BQL	1.00	0.275	1	12/28/2007	
Bromomethane	BQL	1.00	0.261	1	12/28/2007	
2-Butanone	BQL	25.0	1.53	1	12/28/2007	
n-Butylbenzene	BQL	1.00	0.105	1	12/28/2007	
sec-Butylbenzene	BQL	1.00	0.117	1	12/28/2007	
tert-Butylbenzene	BQL	1.00	0.128	1	12/28/2007	
Carbon disulfide	BQL	1.00	0.0630	1	12/28/2007	
Carbon tetrachloride	BQL	1.00	0.102	1	12/28/2007	
Chlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Chloroethane	BQL	1.00	0.568	1	12/28/2007	
Chloroform	BQL	1.00	0.121	1	12/28/2007	
Chloromethane	BQL	1.00	0.206	1	12/28/2007	
2-Chlorotoluene	BQL	1.00	0.110	1	12/28/2007	
4-Chlorotoluene	BQL	1.00	0.107	1	12/28/2007	
Dibromochloromethane	BQL	1.00	0.124	1	12/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	12/28/2007	
Dibromomethane	BQL	1.00	0.199	1	12/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	12/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	12/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	12/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	12/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	12/28/2007	
1,1-Dichloroethane	BQL	1.00	0.0880	1	12/28/2007	
1,1-Dichloroethene	BQL	1.00	0.204	1	12/28/2007	
1,2-Dichloroethane	BQL	1.00	0.132	1	12/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	12/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	12/28/2007	
1,2-Dichloropropane	BQL	1.00	0.0960	1	12/28/2007	
1,3-Dichloropropane	BQL	1.00	0.162	1	12/28/2007	
2,2-Dichloropropane	BQL	1.00	0.181	1	12/28/2007	
1,1-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	12/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.254	1	12/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	12/28/2007	
Ethylbenzene	BQL	1.00	0.111	1	12/28/2007	
Hexachlorobutadiene	BQL	1.00	0.229	1	12/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-MW21
Client Project ID: NV019
Lab Sample ID: G650-125-6D
Lab Project ID: G650-125

Analyzed By: MJC
Date Collected: 12/19/2007 9:40
Date Received: 12/20/2007
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	12/28/2007	
Iodomethane	BQL	1.00	0.0790	1	12/28/2007	
Isopropylbenzene	BQL	1.00	0.127	1	12/28/2007	
4-Isopropyltoluene	BQL	1.00	0.124	1	12/28/2007	
Methylene chloride	BQL	5.00	0.199	1	12/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	12/28/2007	
Methyl-tert-butyl ether (MTBE)	0.560	1.00	0.138	1	12/28/2007	J
Naphthalene	BQL	1.00	0.173	1	12/28/2007	
n-Propyl benzene	BQL	1.00	0.120	1	12/28/2007	
Styrene	BQL	1.00	0.109	1	12/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	12/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	12/28/2007	
Tetrachloroethene	BQL	1.00	0.112	1	12/28/2007	
Toluene	BQL	1.00	0.0910	1	12/28/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Trichloroethene	BQL	1.00	0.0870	1	12/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	12/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	12/28/2007	
Trichlorofluoromethane	BQL	1.00	0.247	1	12/28/2007	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	12/28/2007	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	12/28/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	12/28/2007	
Vinyl chloride	BQL	1.00	0.305	1	12/28/2007	
m-,p-Xylene	BQL	2.00	0.215	1	12/28/2007	
o-Xylene	BQL	1.00	0.110	1	12/28/2007	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	12.5	125
Toluene-d8	10	10	100
4-Bromofluorobenzene	10	9.85	98

Comments:**Flags:**

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

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-MW09

Client Project ID: NV019

Lab Sample ID: G650-125-7D

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 11:51

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	53.3	25.0	1.09	1	12/28/2007	
Benzene	BQL	1.00	0.0800	1	12/28/2007	
Bromobenzene	BQL	1.00	0.143	1	12/28/2007	
Bromochloromethane	BQL	1.00	0.261	1	12/28/2007	
Bromodichloromethane	BQL	1.00	0.146	1	12/28/2007	
Bromoform	BQL	1.00	0.275	1	12/28/2007	
Bromomethane	BQL	1.00	0.261	1	12/28/2007	
2-Butanone	BQL	25.0	1.53	1	12/28/2007	
n-Butylbenzene	BQL	1.00	0.105	1	12/28/2007	
sec-Butylbenzene	BQL	1.00	0.117	1	12/28/2007	
tert-Butylbenzene	BQL	1.00	0.128	1	12/28/2007	
Carbon disulfide	BQL	1.00	0.0630	1	12/28/2007	
Carbon tetrachloride	BQL	1.00	0.102	1	12/28/2007	
Chlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Chloroethane	BQL	1.00	0.568	1	12/28/2007	
Chloroform	BQL	1.00	0.121	1	12/28/2007	
Chloromethane	BQL	1.00	0.206	1	12/28/2007	
2-Chlorotoluene	BQL	1.00	0.110	1	12/28/2007	
4-Chlorotoluene	BQL	1.00	0.107	1	12/28/2007	
Dibromochloromethane	BQL	1.00	0.124	1	12/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	12/28/2007	
Dibromomethane	BQL	1.00	0.199	1	12/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	12/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	12/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	12/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	12/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	12/28/2007	
1,1-Dichloroethane	BQL	1.00	0.0880	1	12/28/2007	
1,1-Dichloroethene	BQL	1.00	0.204	1	12/28/2007	
1,2-Dichloroethane	BQL	1.00	0.132	1	12/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	12/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	12/28/2007	
1,2-Dichloropropane	BQL	1.00	0.0960	1	12/28/2007	
1,3-Dichloropropane	BQL	1.00	0.162	1	12/28/2007	
2,2-Dichloropropane	BQL	1.00	0.181	1	12/28/2007	
1,1-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	12/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.254	1	12/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	12/28/2007	
Ethylbenzene	BQL	1.00	0.111	1	12/28/2007	
Hexachlorobutadiene	BQL	1.00	0.229	1	12/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-MW09

Client Project ID: NV019

Lab Sample ID: G650-125-7D

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 11:51

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

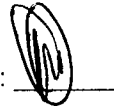
Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	12/28/2007	
Iodomethane	BQL	1.00	0.0790	1	12/28/2007	
Isopropylbenzene	BQL	1.00	0.127	1	12/28/2007	
4-Isopropyltoluene	BQL	1.00	0.124	1	12/28/2007	
Methylene chloride	BQL	5.00	0.199	1	12/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	12/28/2007	
Methyl-tert-butyl ether (MTBE)	0.910	1.00	0.138	1	12/28/2007	J
Naphthalene	BQL	1.00	0.173	1	12/28/2007	
n-Propyl benzene	BQL	1.00	0.120	1	12/28/2007	
Styrene	BQL	1.00	0.109	1	12/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	12/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	12/28/2007	
Tetrachloroethene	BQL	1.00	0.112	1	12/28/2007	
Toluene	0.110	1.00	0.0910	1	12/28/2007	J
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Trichloroethene	BQL	1.00	0.0870	1	12/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	12/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	12/28/2007	
Trichlorofluoromethane	BQL	1.00	0.247	1	12/28/2007	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	12/28/2007	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	12/28/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	12/28/2007	
Vinyl chloride	BQL	1.00	0.305	1	12/28/2007	
m-,p-Xylene	BQL	2.00	0.215	1	12/28/2007	
o-Xylene	BQL	1.00	0.110	1	12/28/2007	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	12.9	129
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	9.44	94

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-DUPLICATE

Client Project ID: NV019

Lab Sample ID: G650-125-8D

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 0:00

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	12/28/2007	
Benzene	BQL	1.00	0.0800	1	12/28/2007	
Bromobenzene	BQL	1.00	0.143	1	12/28/2007	
Bromochloromethane	BQL	1.00	0.261	1	12/28/2007	
Bromodichloromethane	BQL	1.00	0.146	1	12/28/2007	
Bromoform	BQL	1.00	0.275	1	12/28/2007	
Bromomethane	BQL	1.00	0.261	1	12/28/2007	
2-Butanone	BQL	25.0	1.53	1	12/28/2007	
n-Butylbenzene	BQL	1.00	0.105	1	12/28/2007	
sec-Butylbenzene	BQL	1.00	0.117	1	12/28/2007	
tert-Butylbenzene	BQL	1.00	0.128	1	12/28/2007	
Carbon disulfide	BQL	1.00	0.0630	1	12/28/2007	
Carbon tetrachloride	BQL	1.00	0.102	1	12/28/2007	
Chlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Chloroethane	BQL	1.00	0.568	1	12/28/2007	
Chloroform	BQL	1.00	0.121	1	12/28/2007	
Chloromethane	BQL	1.00	0.206	1	12/28/2007	
2-Chlorotoluene	BQL	1.00	0.110	1	12/28/2007	
4-Chlorotoluene	BQL	1.00	0.107	1	12/28/2007	
Dibromochloromethane	BQL	1.00	0.124	1	12/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	12/28/2007	
Dibromomethane	BQL	1.00	0.199	1	12/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	12/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	12/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	12/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	12/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	12/28/2007	
1,1-Dichloroethane	BQL	1.00	0.0880	1	12/28/2007	
1,1-Dichloroethene	BQL	1.00	0.204	1	12/28/2007	
1,2-Dichloroethane	BQL	1.00	0.132	1	12/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	12/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	12/28/2007	
1,2-Dichloropropane	BQL	1.00	0.0960	1	12/28/2007	
1,3-Dichloropropane	BQL	1.00	0.162	1	12/28/2007	
2,2-Dichloropropane	BQL	1.00	0.181	1	12/28/2007	
1,1-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	12/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.254	1	12/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	12/28/2007	
Ethylbenzene	BQL	1.00	0.111	1	12/28/2007	
Hexachlorobutadiene	BQL	1.00	0.229	1	12/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: UST4515941-DUPLICATE

Client Project ID: NV019

Lab Sample ID: G650-125-8D

Lab Project ID: G650-125

Analyzed By: MJC

Date Collected: 12/19/2007 0:00

Date Received: 12/20/2007

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	12/28/2007	
Iodomethane	BQL	1.00	0.0790	1	12/28/2007	
Isopropylbenzene	BQL	1.00	0.127	1	12/28/2007	
4-Isopropyltoluene	BQL	1.00	0.124	1	12/28/2007	
Methylene chloride	BQL	5.00	0.199	1	12/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	12/28/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	12/28/2007	
Naphthalene	BQL	1.00	0.173	1	12/28/2007	
n-Propyl benzene	BQL	1.00	0.120	1	12/28/2007	
Styrene	BQL	1.00	0.109	1	12/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	12/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	12/28/2007	
Tetrachloroethene	BQL	1.00	0.112	1	12/28/2007	
Toluene	BQL	1.00	0.0910	1	12/28/2007	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Trichloroethene	BQL	1.00	0.0870	1	12/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	12/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	12/28/2007	
Trichlorofluoromethane	BQL	1.00	0.247	1	12/28/2007	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	12/28/2007	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	12/28/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	12/28/2007	
Vinyl chloride	BQL	1.00	0.305	1	12/28/2007	
m-,p-Xylene	BQL	2.00	0.215	1	12/28/2007	
o-Xylene	BQL	1.00	0.110	1	12/28/2007	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	12.5	125
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	9.7	97

Comments:**Flags:**

BQL = Below Quantitation Limits.

J = Detected below the quantitation limit.

Reviewed By: 

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK4122807A
Lab Project ID:

Analyzed By: MJC
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	12/28/2007	
Benzene	BQL	1.00	0.0800	1	12/28/2007	
Bromobenzene	BQL	1.00	0.143	1	12/28/2007	
Bromochloromethane	BQL	1.00	0.261	1	12/28/2007	
Bromodichloromethane	BQL	1.00	0.146	1	12/28/2007	
Bromoform	BQL	1.00	0.275	1	12/28/2007	
Bromomethane	BQL	1.00	0.261	1	12/28/2007	
2-Butanone	BQL	25.0	1.53	1	12/28/2007	
n-Butylbenzene	BQL	1.00	0.105	1	12/28/2007	
sec-Butylbenzene	BQL	1.00	0.117	1	12/28/2007	
tert-Butylbenzene	BQL	1.00	0.128	1	12/28/2007	
Carbon disulfide	BQL	1.00	0.0630	1	12/28/2007	
Carbon tetrachloride	BQL	1.00	0.102	1	12/28/2007	
Chlorobenzene	BQL	1.00	0.0720	1	12/28/2007	
Chloroethane	BQL	1.00	0.568	1	12/28/2007	
Chloroform	BQL	1.00	0.121	1	12/28/2007	
Chloromethane	BQL	1.00	0.206	1	12/28/2007	
2-Chlorotoluene	BQL	1.00	0.110	1	12/28/2007	
4-Chlorotoluene	BQL	1.00	0.107	1	12/28/2007	
Dibromochloromethane	BQL	1.00	0.124	1	12/28/2007	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	12/28/2007	
Dibromomethane	BQL	1.00	0.199	1	12/28/2007	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	12/28/2007	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	12/28/2007	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	12/28/2007	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	12/28/2007	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	12/28/2007	
1,1-Dichloroethane	BQL	1.00	0.0880	1	12/28/2007	
1,1-Dichloroethene	BQL	1.00	0.204	1	12/28/2007	
1,2-Dichloroethane	BQL	1.00	0.132	1	12/28/2007	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	12/28/2007	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	12/28/2007	
1,2-Dichloropropane	BQL	1.00	0.0960	1	12/28/2007	
1,3-Dichloropropane	BQL	1.00	0.162	1	12/28/2007	
2,2-Dichloropropane	BQL	1.00	0.181	1	12/28/2007	
1,1-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	12/28/2007	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	12/28/2007	
Dichlorodifluoromethane	BQL	5.00	0.254	1	12/28/2007	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	12/28/2007	
Ethylbenzene	BQL	1.00	0.111	1	12/28/2007	
Hexachlorobutadiene	BQL	1.00	0.229	1	12/28/2007	

**Results for Volatiles
by GCMS 8260B**

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK4122807A
Lab Project ID:

Analyzed By: MJC
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	12/28/2007	
Iodomethane	BQL	1.00	0.0790	1	12/28/2007	
Isopropylbenzene	BQL	1.00	0.127	1	12/28/2007	
4-Isopropyltoluene	BQL	1.00	0.124	1	12/28/2007	
Methylene chloride	BQL	5.00	0.199	1	12/28/2007	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	12/28/2007	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	12/28/2007	
Naphthalene	BQL	1.00	0.173	1	12/28/2007	
n-Propyl benzene	BQL	1.00	0.120	1	12/28/2007	
Styrene	BQL	1.00	0.109	1	12/28/2007	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	12/28/2007	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	12/28/2007	
Tetrachloroethene	BQL	1.00	0.112	1	12/28/2007	
Toluene	BQL	1.00	0.0910	1	12/28/2007	
1,2,3-Trichlorobenzene	0.200	1.00	0.176	1	12/28/2007	J
1,2,4-Trichlorobenzene	0.110	1.00	0.0720	1	12/28/2007	J
Trichloroethene	BQL	1.00	0.0870	1	12/28/2007	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	12/28/2007	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	12/28/2007	
Trichlorofluoromethane	BQL	1.00	0.247	1	12/28/2007	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	12/28/2007	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	12/28/2007	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	12/28/2007	
Vinyl chloride	BQL	1.00	0.305	1	12/28/2007	
m-,p-Xylene	BQL	2.00	0.215	1	12/28/2007	
o-Xylene	BQL	1.00	0.110	1	12/28/2007	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11.3	113
Toluene-d8	10	10	100
4-Bromofluorobenzene	10	9.99	100

Comments:**Flags:**

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

Reviewed By: 



LABORATORY CONTROL SAMPLE VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental

Lab Code: NC00919

Case No.:

SAS No.:

SDG No:

Matrix: (soil/water) Water

Lab Sample ID: LCS4122807a

Sample wt/vol: 5.00 (mL)

Lab File ID: 1228404.D

Level: (low/med) NA

Date Analyzed: 2007-12-28 10:03

% Moisture: not dec. NA

Dilution Factor: 1

GC Column: DB-624 ID: 0.2 (mm)

Soil Aliquot Volume: NA

Soil Extract Volume: NA

CAS NO.	COMPOUND	SPIKE AMT (µg/L)	SAMP CONC (µg/L)	% REC #	QC LIMITS
67-64-1	acetone	25.0	26.5	106	23.5-141
107-02-8	acrolein	125	130	104	31.4-182
107-13-1	acrylonitrile	125	150	120	64.2-140
71-43-2	benzene	5.00	5.02	100	76.6-120
108-86-1	bromobenzene	5.00	4.56	91.2	75.0-122
74-97-5	bromochloromethane	5.00	5.03	101	74.8-127
75-27-4	bromodichloromethane	5.00	5.17	103	76.4-117
75-25-2	bromoform	5.00	4.17	83.4	62.4-127
74-83-9	bromomethane	5.00	5.16	103	34.2-166
78-93-3	2-butanone	25.0	26.2	105	44.9-126
104-51-8	n-butylbenzene	5.00	4.96	99.2	72.0-122
135-98-8	sec-butylbenzene	5.00	4.54	90.8	78.3-116
98-06-6	tert-butylbenzene	5.00	4.95	99.0	53.1-148
75-15-0	Carbon disulfide	5.00	4.91	98.2	69.0-118
56-23-5	carbon tetrachloride	5.00	5.02	100	71.7-124
108-90-7	chlorobenzene	5.00	4.46	89.2	75.5-116
75-00-3	chloroethane	5.00	5.19	104	78.2-138
110-75-8	2-chloroethyl vinyl ether	125	134	107	5.57-235
67-66-3	chloroform	5.00	5.20	104	80.6-117
74-87-3	chloromethane	5.00	5.52	110	72.6-127
95-49-8	2-chlorotoluene	5.00	4.66	93.2	81.4-117
106-43-4	4-chlorotoluene	5.00	4.74	94.8	82.1-116
124-48-1	dibromochloromethane	5.00	4.49	89.8	73.1-117
96-12-8	1,2-dibromo-3-chloropropane	25.0	29.0	116	58.0-133
106-93-4	1,2-dibromomethane	5.00	4.58	91.6	75.5-118
74-95-3	dibromomethane	5.00	5.14	103	77.3-124
95-50-1	1,2-dichlorobenzene	5.00	4.78	95.6	76.3-115
541-73-1	1,3-dichlorobenzene	5.00	4.69	93.8	79.1-114
106-46-7	1,4-dichlorobenzene	5.00	4.79	95.8	76.8-115
110-57-6	trans-1,4-Dichloro-2-butene	25.0	24.6	98.4	52.3-130
75-71-8	dichlorodifluoromethane	5.00	5.90	118	69.8-134
75-34-3	1,1-dichloroethane	5.00	5.18	104	78.0-120
107-06-2	1,2-dichloroethane	5.00	5.38	108	72.8-126
75-35-4	1,1-dichloroethene	5.00	4.67	93.4	74.6-121
156-59-2	cis-1,2-dichloroethene	5.00	4.82	96.4	78.0-121
156-60-5	trans-1,2-dichloroethene	5.00	4.82	96.4	60.7-144
78-87-5	1,2-dichloropropane	5.00	5.06	101	75.8-119
142-28-9	1,3-dichloropropane	5.00	5.10	102	78.5-113
594-20-7	2,2-dichloropropane	5.00	5.50	110	75.6-130
563-58-6	1,1-dichloropropene	5.00	5.27	105	79.7-117
10061-01-5	cis-1,3-dichloropropene	5.00	5.12	102	79.8-113



LABORATORY CONTROL SAMPLE VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental

Lab Code: NC00919

Case No.:

SAS No.:

SDG No:

Matrix: (soil/water) Water

Lab Sample ID: LCS4122807a

Sample wt/vol: 5.00 (mL)

Lab File ID: 1228404.D

Level: (low/med) NA

% Moisture: not dec. NA

Date Analyzed: 2007-12-28 10:03

GC Column: DB-624 ID: 0.2 (mm)

Dilution Factor: 1

Soil Extract Volume: NA

Soil Aliquot Volume: NA

CAS NO.	COMPOUND	SPIKE AMT (µg/L)	SAMP CONC (µg/L)	% REC #	QC LIMITS
10061-02-6	trans-1,3-dichloropropene	5.00	5.12	102	79.0-113
108-20-3	Diisopropyl ether	5.00	5.02	100	71.8-115
100-41-4	ethylbenzene	5.00	4.98	99.6	80.5-115
87-68-3	hexachlorobutadiene	5.00	4.82	96.4	63.3-139
591-78-6	2-hexanone	25.0	24.4	97.5	46.8-123
74-88-4	Iodomethane	5.00	5.42	108	29.3-156
98-82-8	isopropylbenzene	5.00	4.80	96.0	81.6-114
99-87-6	4-isopropyltoluene	5.00	4.73	94.6	78.4-119
1634-04-4	Methyl-tert-butyl ether	5.00	5.22	104	76.0-114
75-09-2	methylene chloride	5.00	4.62	92.4	72.9-120
108-10-1	4-methyl-2-pentanone	25.0	25.3	101	56.2-124
91-20-3	naphthalene	5.00	5.04	101	24.8-182
103-65-1	n-propyl benzene	5.00	4.91	98.2	79.0-116
100-42-5	styrene	5.00	4.74	94.8	64.8-132
630-20-6	1,1,1,2-tetrachloroethane	5.00	4.74	94.8	78.8-118
79-34-5	1,1,2,2-tetrachloroethane	5.00	5.01	100	69.7-119
127-18-4	tetrachloroethene	5.00	4.73	94.6	55.3-144
108-88-3	toluene	5.00	4.89	97.8	78.6-117
87-61-6	1,2,3-trichlorobenzene	5.00	5.16	103	20.8-193
120-82-1	1,2,4-trichlorobenzene	5.00	5.00	100	47.9-150
71-55-6	1,1,1-trichloroethane	5.00	5.16	103	78.8-120
79-00-5	1,1,2-trichloroethane	5.00	4.93	98.6	73.6-117
79-01-6	trichloroethene	5.00	5.01	100	80.1-116
75-69-4	trichlorofluoromethane	5.00	5.33	107	80.5-130
96-18-4	1,2,3-trichloropropane	5.00	4.80	96.0	35.6-152
95-36-3	1,2,4-trimethylbenzene	5.00	4.80	96.0	77.0-116
108-67-8	1,3,5-trimethylbenzene	5.00	4.70	94.0	79.4-114
108-05-4	Vinyl acetate	12.5	12.9	103	60.7-127
75-01-4	vinyl chloride	5.00	4.86	97.2	77.5-126
108-38-3	m/p-xylene	10.0	9.40	94.0	82.9-112
95-47-6	o-xylene	5.00	4.87	97.4	81.3-113

System Monitoring Compound Results

		Spike Added (µg/L)	Spike Result (µg/L)	Percent Rec. (%)	Percent Recovery (%)
460-00-4	4-Bromofluorobenzene	10	9.93	99.0	84.7 - 115
17060-07-0	1,2-Dichloroethane-d4	10	11.0	110	63.5 - 140
2037-26-5	Toluene-d8	10	9.98	100	81.8 - 117



SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental

Contract:

Lab Code: NC00919

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.: g145-1214-2a

Dilution: 40

Filenames: 1228419.D, 1228421.D, 1228422.D

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	%	QC LIMITS	
									RPD	REC
acetone	BQL	1000	1450	145*	1000	1540	154*	5.96	30	17.7-85.2
acrolein	BQL	5000	6100	122	5000	6730	134	9.84	30	0.00-424
acrylonitrile	BQL	5000	7860	157	5000	8620	172	9.30	30	85.0-175
benzene	BQL	200	212	106	200	211	106	0.378	30	61.6-135
bromobenzene	BQL	200	201	100	200	195	97.6	2.83	30	65.1-125
bromochloromethane	BQL	200	243	121	200	238	119	2.00	30	75.5-126
bromodichloromethane	BQL	200	228	114	200	232	116	1.91	30	74.3-123
bromoform	BQL	200	203	101	200	192	96.0	5.47	30	52.3-122
bromomethane	BQL	200	176	88.0	200	192	96.2	8.90	30	10.0-284
2-butanone	BQL	1000	1540	154*	1000	1550	155*	0.750	30	36.1-107
n-butylbenzene	BQL	200	205	102	200	212	106	3.45	30	70.2-124
sec-butylbenzene	BQL	200	209	104	200	214	107	2.46	30	62.0-133
tert-butylbenzene	BQL	200	208	104	200	212	106	1.72	30	73.5-121
Carbon disulfide	BQL	200	189	94.6	200	194	97.2	2.71	30	68.8-129
carbon tetrachloride	BQL	200	211	105	200	216	108	2.25	30	71.8-122
chlorobenzene	BQL	200	189	94.6	200	182	91.0	3.88	30	77.2-118
chloroethane	BQL	200	213	106	200	226	113	6.00	30	10.0-233
2-chloroethyl vinyl ether	BQL	500	1070	214	500	976	195	9.41	30	16.7-283
chloroform	BQL	200	228	114	200	227	113	0.352	30	74.0-128
chloromethane	BQL	200	245	122	200	264	132	7.70	30	72.0-138
2-chlorotoluene	BQL	200	212	106	200	215	108	1.50	30	79.3-118
4-chlorotoluene	BQL	200	213	106	200	213	106	0.00	30	76.8-120
dibromochloromethane	BQL	200	207	104	200	204	102	1.75	30	69.0-117
1,2-dibromo-3-chloropropane	BQL	1000	1440	144	1000	1500	150	3.46	30	20.2-171
1,2-dibromomethane	BQL	200	208	104	200	204	102	1.94	30	78.5-123
dibromomethane	BQL	200	237	118	200	237	118	0.00	30	71.3-137
1,2-dichlorobenzene	BQL	200	228	114	200	231	116	1.22	30	75.1-120
1,3-dichlorobenzene	BQL	200	214	107	200	222	111	3.85	30	73.1-121
1,4-dichlorobenzene	BQL	200	215	107	200	222	111	3.12	30	74.8-118
trans-1,4-Dichloro-2-butene	BQL	1000	1120	112	1000	1160	116	4.14	30	25.7-149
dichlorodifluoromethane	BQL	200	235	118	200	256	128	8.62	30	41.7-166
1,1-dichloroethane	BQL	200	222	111	200	220	110	0.907	30	75.6-128
1,2-dichloroethane	BQL	200	262	131*	200	272	136*	3.89	30	71.1-127
1,1-dichloroethene	BQL	200	182	90.8	200	181	90.6	0.220	30	64.4-130
cis-1,2-dichloroethene	BQL	200	207	104	200	205	102	1.16	30	72.7-134
trans-1,2-dichloroethene	BQL	200	201	100	200	200	100	0.399	30	74.6-124
1,2-dichloropropane	BQL	200	225	112	200	225	113	0.178	30	76.5-129
1,3-dichloropropane	BQL	200	227	114	200	220	110	3.22	30	79.1-121
2,2-dichloropropane	BQL	200	213	106	200	212	106	0.376	30	31.5-157
1,1-dichloropropene	BQL	200	218	109	200	220	110	0.913	30	72.5-120
cis-1,3-dichloropropene	BQL	200	229	114	200	228	114	0.175	30	66.6-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY



SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

Laboratory for Environmental

Contract:

Lab Code: NC00919

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.: g145-1214-2a

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS	
									RPD	REC
trans-1,3-dichloropropene	BQL	200	229	114	200	228	114	0.175	30	44.7-144
Diisopropyl ether	BQL	200	260	130*	200	260	130*	0.308	30	79.4-122
ethylbenzene	BQL	200	206	103	200	212	106	2.68	30	73.8-126
hexachlorobutadiene	BQL	200	190	95.2	200	202	101	6.11	30	51.8-134
2-hexanone	BQL	1000	1390	139*	1000	1300	130*	6.55	30	41.6-111
Iodomethane	BQL	200	189	94.4	200	228	114	19.0	30	40.6-126
isopropylbenzene	112	200	209	105	200	218	109	4.30	30	74.3-123
4-isopropyltoluene	BQL	200	195	97.4	200	200	100	2.63	30	74.6-122
Methyl-tert-butyl ether	BQL	200	252	126	200	246	123	2.41	30	66.5-136
methylene chloride	BQL	200	195	97.4	200	191	95.6	1.86	30	48.6-155
4-methyl-2-pentanone	BQL	1000	1490	149	1000	1490	149	0.134	30	6.88-166
naphthalene	BQL	200	264	132	200	267	134	1.36	30	55.1-140
n-propyl benzene	125	200	213	106	200	221	110	3.50	30	71.6-128
styrene	BQL	200	207	103	200	209	104	0.962	30	73.2-123
1,1,1,2-tetrachloroethane	BQL	200	203	101	200	195	97.6	3.82	30	69.4-120
1,1,2,2-tetrachloroethane	BQL	200	241	120	200	227	114	5.98	30	75.7-136
tetrachloroethene	BQL	200	189	94.4	200	183	91.4	3.23	30	45.8-153
toluene	BQL	200	214	107	200	215	107	0.560	30	66.4-128
1,2,3-trichlorobenzene	BQL	200	241	120	200	247	124	2.46	30	61.0-126
1,2,4-trichlorobenzene	BQL	200	237	118	200	244	122	3.00	30	60.6-125
1,1,1-trichloroethane	BQL	200	220	110	200	220	110	0.182	30	78.4-121
1,1,2-trichloroethane	BQL	200	218	109	200	215	107	1.48	30	64.8-128
trichloroethene	BQL	200	212	106	200	212	106	0.189	30	84.9-136
trichlorofluoromethane	BQL	200	212	106	200	233	116	9.16	30	76.8-132
1,2,3-trichloropropane	125	200	126	62.8	200	120	60.0	4.56	30	10.0-218
1,2,4-trimethylbenzene	426	200	246	123	200	244	122	0.490	30	31.0-172
1,3,5-trimethylbenzene	44.8	200	204	102	200	212	106	3.84	30	67.7-132
Vinyl acetate	BQL	500	690	138	500	689	138	0.174	30	0.00-355
vinyl chloride	BQL	200	201	100	200	226	113	11.6	30	68.1-137
m/p-xylene	BQL	400	392	97.9	400	412	103	5.17	30	79.8-118
o-xylene	BQL	200	200	99.8	200	205	103	2.77	30	80.0-121

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MS Spike Recovery: 2 failure(s) out of 72. MSD Spike Recovery: 2 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS:

Results for Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-MW04145
Client Project ID: NV019
Lab Sample ID: G650-125-11
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 9:52
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/27/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/27/2007	
Anthracene	BQL	10.0	1.75	1	12/27/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/27/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/27/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/27/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/27/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/27/2007	
Benzoic Acid	BQL	20.0	5.44	1	12/27/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/27/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/27/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/27/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/27/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/27/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/27/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/27/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/27/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/27/2007	
4-Chloroaniline	BQL	50.0	17.8	1	12/27/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/27/2007	
Chrysene	BQL	10.0	1.11	1	12/27/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/27/2007	
Dibenzofuran	BQL	10.0	1.12	1	12/27/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/27/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	12/27/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	12/27/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	12/27/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/27/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/27/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/27/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/27/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/27/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/27/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/27/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/27/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/27/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/27/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/27/2007	
Fluoranthene	BQL	10.0	1.41	1	12/27/2007	
Fluorene	BQL	10.0	1.22	1	12/27/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/27/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/27/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/27/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/27/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/27/2007	
Isophorone	BQL	10.0	1.27	1	12/27/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	12/27/2007	

Results for Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-MW04145
Client Project ID: NV019
Lab Sample ID: G650-125-11
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 9:52
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	12/27/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	12/27/2007	
Naphthalene	BQL	10.0	1.08	1	12/27/2007	
2-Nitroaniline	BQL	10.0	1.48	1	12/27/2007	
3-Nitroaniline	BQL	50.0	5.39	1	12/27/2007	
4-Nitroaniline	BQL	50.0	2.57	1	12/27/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/27/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/27/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/27/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/27/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/27/2007	
Phenanthrene	BQL	10.0	1.38	1	12/27/2007	
Phenol	BQL	10.0	3.38	1	12/27/2007	
Pyrene	BQL	10.0	2.08	1	12/27/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/27/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	12/27/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/27/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.7	87
2-Fluorophenol	10	7.3	73
Nitrobenzene-d5	10	8.3	83
Phenol-d6	10	6.8	68
2,4,6-Tribromophenol	10	8	80
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 Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-MW15
Client Project ID: NV019
Lab Sample ID: G650-125-3G
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 10:49
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/28/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/28/2007	
Anthracene	BQL	10.0	1.75	1	12/28/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/28/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/28/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/28/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/28/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/28/2007	
Benzoic Acid	BQL	20.0	5.44	1	12/28/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/28/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/28/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/28/2007	
Bis(2-ethylhexyl)phthalate	5.50	10.0	1.33	1	12/28/2007	J
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/28/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/28/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/28/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/28/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/28/2007	
4-Chloroaniline	BQL	50.0	17.8	1	12/28/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/28/2007	
Chrysene	BQL	10.0	1.11	1	12/28/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/28/2007	
Dibenzofuran	BQL	10.0	1.12	1	12/28/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/28/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	12/28/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	12/28/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	12/28/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/28/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/28/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/28/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/28/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/28/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/28/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/28/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/28/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/28/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/28/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/28/2007	
Fluoranthene	BQL	10.0	1.41	1	12/28/2007	
Fluorene	BQL	10.0	1.22	1	12/28/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/28/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/28/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/28/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/28/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/28/2007	
Isophorone	BQL	10.0	1.27	1	12/28/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	12/28/2007	

Results for Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-MW15
Client Project ID: NV019
Lab Sample ID: G650-125-3G
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 10:49
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	12/28/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	12/28/2007	
Naphthalene	BQL	10.0	1.08	1	12/28/2007	
2-Nitroaniline	BQL	10.0	1.48	1	12/28/2007	
3-Nitroaniline	BQL	50.0	5.39	1	12/28/2007	
4-Nitroaniline	BQL	50.0	2.57	1	12/28/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/28/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/28/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/28/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/28/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/28/2007	
Phenanthrene	BQL	10.0	1.38	1	12/28/2007	
Phenol	BQL	10.0	3.38	1	12/28/2007	
Pyrene	BQL	10.0	2.08	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/28/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	12/28/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/28/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	7.1	71
2-Fluorophenol	10	7.3	73
Nitrobenzene-d5	10	8	80
Phenol-d6	10	6.9	69
2,4,6-Tribromophenol	10	7.9	79
4-Terphenyl-d14	10	5.6	56

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 Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-MW01145
Client Project ID: NV019
Lab Sample ID: G650-125-4G
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 12:12
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/28/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/28/2007	
Anthracene	BQL	10.0	1.75	1	12/28/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/28/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/28/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/28/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/28/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/28/2007	
Benzoic Acid	BQL	20.0	5.44	1	12/28/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/28/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/28/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/28/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/28/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/28/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/28/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/28/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/28/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/28/2007	
4-Chloroaniline	BQL	50.0	17.8	1	12/28/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/28/2007	
Chrysene	BQL	10.0	1.11	1	12/28/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/28/2007	
Dibenzofuran	BQL	10.0	1.12	1	12/28/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/28/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	12/28/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	12/28/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	12/28/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/28/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/28/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/28/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/28/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/28/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/28/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/28/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/28/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/28/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/28/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/28/2007	
Fluoranthene	BQL	10.0	1.41	1	12/28/2007	
Fluorene	BQL	10.0	1.22	1	12/28/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/28/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/28/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/28/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/28/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/28/2007	
Isophorone	BQL	10.0	1.27	1	12/28/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	12/28/2007	

Results for Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-MW01145
Client Project ID: NV019
Lab Sample ID: G650-125-4G
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 12:12
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	12/28/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	12/28/2007	
Naphthalene	BQL	10.0	1.08	1	12/28/2007	
2-Nitroaniline	BQL	10.0	1.48	1	12/28/2007	
3-Nitroaniline	BQL	50.0	5.39	1	12/28/2007	
4-Nitroaniline	BQL	50.0	2.57	1	12/28/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/28/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/28/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/28/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/28/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/28/2007	
Phenanthrene	BQL	10.0	1.38	1	12/28/2007	
Phenol	BQL	10.0	3.38	1	12/28/2007	
Pyrene	BQL	10.0	2.08	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/28/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	12/28/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/28/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.4	84
2-Fluorophenol	10	7.1	71
Nitrobenzene-d5	10	8.2	82
Phenol-d6	10	6.7	67
2,4,6-Tribromophenol	10	8.6	86
4-Terphenyl-d14	10	8.5	85

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 Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-MW13
Client Project ID: NV019
Lab Sample ID: G650-125-5G
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 10:55
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/28/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/28/2007	
Anthracene	BQL	10.0	1.75	1	12/28/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/28/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/28/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/28/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/28/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/28/2007	
Benzoic Acid	BQL	20.0	5.44	1	12/28/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/28/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/28/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/28/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/28/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/28/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/28/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/28/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/28/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/28/2007	
4-Chloroaniline	BQL	50.0	17.8	1	12/28/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/28/2007	
Chrysene	BQL	10.0	1.11	1	12/28/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/28/2007	
Dibenzofuran	BQL	10.0	1.12	1	12/28/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/28/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	12/28/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	12/28/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	12/28/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/28/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/28/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/28/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/28/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/28/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/28/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/28/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/28/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/28/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/28/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/28/2007	
Fluoranthene	BQL	10.0	1.41	1	12/28/2007	
Fluorene	BQL	10.0	1.22	1	12/28/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/28/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/28/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/28/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/28/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/28/2007	
Isophorone	BQL	10.0	1.27	1	12/28/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	12/28/2007	

Results for Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-MW13
Client Project ID: NV019
Lab Sample ID: G650-125-5G
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 10:55
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	12/28/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	12/28/2007	
Naphthalene	BQL	10.0	1.08	1	12/28/2007	
2-Nitroaniline	BQL	10.0	1.48	1	12/28/2007	
3-Nitroaniline	BQL	50.0	5.39	1	12/28/2007	
4-Nitroaniline	BQL	50.0	2.57	1	12/28/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/28/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/28/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/28/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/28/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/28/2007	
Phenanthrene	BQL	10.0	1.38	1	12/28/2007	
Phenol	BQL	10.0	3.38	1	12/28/2007	
Pyrene	BQL	10.0	2.08	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/28/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	12/28/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/28/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.2	82
2-Fluorophenol	10	7	70
Nitrobenzene-d5	10	7.9	79
Phenol-d6	10	6.7	67
2,4,6-Tribromophenol	10	7.8	78
4-Terphenyl-d14	10	8.5	85

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 Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-MW21
Client Project ID: NV019
Lab Sample ID: G650-125-6G
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 9:40
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/28/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/28/2007	
Anthracene	BQL	10.0	1.75	1	12/28/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/28/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/28/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/28/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/28/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/28/2007	
Benzoic Acid	BQL	20.0	5.44	1	12/28/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/28/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/28/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/28/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/28/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/28/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/28/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/28/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/28/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/28/2007	
4-Chloroaniline	BQL	50.0	17.8	1	12/28/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/28/2007	
Chrysene	BQL	10.0	1.11	1	12/28/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/28/2007	
Dibenzofuran	BQL	10.0	1.12	1	12/28/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/28/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	12/28/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	12/28/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	12/28/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/28/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/28/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/28/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/28/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/28/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/28/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/28/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/28/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/28/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/28/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/28/2007	
Fluoranthene	BQL	10.0	1.41	1	12/28/2007	
Fluorene	BQL	10.0	1.22	1	12/28/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/28/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/28/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/28/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/28/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/28/2007	
Isophorone	BQL	10.0	1.27	1	12/28/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	12/28/2007	

Results for Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-MW21
Client Project ID: NV019
Lab Sample ID: G650-125-6G
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 9:40
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	12/28/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	12/28/2007	
Naphthalene	BQL	10.0	1.08	1	12/28/2007	
2-Nitroaniline	BQL	10.0	1.48	1	12/28/2007	
3-Nitroaniline	BQL	50.0	5.39	1	12/28/2007	
4-Nitroaniline	BQL	50.0	2.57	1	12/28/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/28/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/28/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/28/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/28/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/28/2007	
Phenanthrene	BQL	10.0	1.38	1	12/28/2007	
Phenol	BQL	10.0	3.38	1	12/28/2007	
Pyrene	BQL	10.0	2.08	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/28/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	12/28/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/28/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.2	82
2-Fluorophenol	10	6.9	69
Nitrobenzene-d5	10	7.9	79
Phenol-d6	10	6.6	66
2,4,6-Tribromophenol	10	7.7	77
4-Terphenyl-d14	10	9.1	91

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 Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-MW09
Client Project ID: NV019
Lab Sample ID: G650-125-7G
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 11:51
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/28/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/28/2007	
Anthracene	BQL	10.0	1.75	1	12/28/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/28/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/28/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/28/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/28/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/28/2007	
Benzoic Acid	BQL	20.0	5.44	1	12/28/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/28/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/28/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/28/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/28/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/28/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/28/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/28/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/28/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/28/2007	
4-Chloroaniline	BQL	50.0	17.8	1	12/28/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/28/2007	
Chrysene	BQL	10.0	1.11	1	12/28/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/28/2007	
Dibenzofuran	BQL	10.0	1.12	1	12/28/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/28/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	12/28/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	12/28/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	12/28/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/28/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/28/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/28/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/28/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/28/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/28/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/28/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/28/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/28/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/28/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/28/2007	
Fluoranthene	BQL	10.0	1.41	1	12/28/2007	
Fluorene	BQL	10.0	1.22	1	12/28/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/28/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/28/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/28/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/28/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/28/2007	
Isophorone	BQL	10.0	1.27	1	12/28/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	12/28/2007	

Results for Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-MW09
Client Project ID: NV019
Lab Sample ID: G650-125-7G
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 11:51
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	13.2	10.0	4.01	1	12/28/2007	
3- & 4-Methylphenol	3.30	10.0	2.94	1	12/28/2007	J
Naphthalene	BQL	10.0	1.08	1	12/28/2007	
2-Nitroaniline	BQL	10.0	1.48	1	12/28/2007	
3-Nitroaniline	BQL	50.0	5.39	1	12/28/2007	
4-Nitroaniline	BQL	50.0	2.57	1	12/28/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/28/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/28/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/28/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/28/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/28/2007	
Phenanthrene	BQL	10.0	1.38	1	12/28/2007	
Phenol	BQL	10.0	3.38	1	12/28/2007	
Pyrene	BQL	10.0	2.08	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/28/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	12/28/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/28/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.7	87
2-Fluorophenol	10	7.3	73
Nitrobenzene-d5	10	8.3	83
Phenol-d6	10	7	70
2,4,6-Tribromophenol	10	9.1	91
4-Terphenyl-d14	10	9	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 for Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-DUPLICATE
Client Project ID: NV019
Lab Sample ID: G650-125-8H
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 0:00
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/28/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/28/2007	
Anthracene	BQL	10.0	1.75	1	12/28/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/28/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/28/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/28/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/28/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/28/2007	
Benzoic Acid	BQL	20.0	5.44	1	12/28/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/28/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/28/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/28/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/28/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/28/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/28/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/28/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/28/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/28/2007	
4-Chloroaniline	BQL	50.0	17.8	1	12/28/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/28/2007	
Chrysene	BQL	10.0	1.11	1	12/28/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/28/2007	
Dibenzofuran	BQL	10.0	1.12	1	12/28/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/28/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	12/28/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	12/28/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	12/28/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/28/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/28/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/28/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/28/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/28/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/28/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/28/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/28/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/28/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/28/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/28/2007	
Fluoranthene	BQL	10.0	1.41	1	12/28/2007	
Fluorene	BQL	10.0	1.22	1	12/28/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/28/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/28/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/28/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/28/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/28/2007	
Isophorone	BQL	10.0	1.27	1	12/28/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	12/28/2007	

Results for Semivolatiles
by GCMS 8270

Client Sample ID: UST4515941-DUPLICATE
Client Project ID: NV019
Lab Sample ID: G650-125-8H
Lab Project ID: G650-125

Analyzed By: DCS
Date Collected: 12/19/2007 0:00
Date Received: 12/20/2007
Date Extracted: 12/24/2007
Matrix: Water

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	12/28/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	12/28/2007	
Naphthalene	BQL	10.0	1.08	1	12/28/2007	
2-Nitroaniline	BQL	10.0	1.48	1	12/28/2007	
3-Nitroaniline	BQL	50.0	5.39	1	12/28/2007	
4-Nitroaniline	BQL	50.0	2.57	1	12/28/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/28/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/28/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/28/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/28/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/28/2007	
Phenanthrene	BQL	10.0	1.38	1	12/28/2007	
Phenol	BQL	10.0	3.38	1	12/28/2007	
Pyrene	BQL	10.0	2.08	1	12/28/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/28/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	12/28/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/28/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.3	83
2-Fluorophenol	10	7.3	73
Nitrobenzene-d5	10	8.1	81
Phenol-d6	10	6.8	68
2,4,6-Tribromophenol	10	7.9	79
4-Terphenyl-d14	10	9.2	92

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 Semivolatiles
by GCMS 8270

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB10014
Lab Project ID:

Analyzed By: DCS
Date Collected:
Date Received:
Date Extracted: 12/24/2007
Matrix: WATER

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	10.0	1.22	1	12/27/2007	
Acenaphthylene	BQL	10.0	1.12	1	12/27/2007	
Anthracene	BQL	10.0	1.75	1	12/27/2007	
Benzo[a]anthracene	BQL	10.0	1.36	1	12/27/2007	
Benzo[a]pyrene	BQL	10.0	1.27	1	12/27/2007	
Benzo[b]fluoranthene	BQL	10.0	1.43	1	12/27/2007	
Benzo[g,h,i]perylene	BQL	10.0	4.57	1	12/27/2007	
Benzo[k]fluoranthene	BQL	10.0	1.09	1	12/27/2007	
Benzoic Acid	BQL	20.0	5.44	1	12/27/2007	
Bis(2-chloroethoxy)methane	BQL	10.0	1.11	1	12/27/2007	
Bis(2-chloroethyl)ether	BQL	10.0	1.09	1	12/27/2007	
Bis(2-chloroisopropyl)ether	BQL	10.0	1.57	1	12/27/2007	
Bis(2-ethylhexyl)phthalate	BQL	10.0	1.33	1	12/27/2007	
4-bromophenyl phenyl ether	BQL	10.0	1.99	1	12/27/2007	
Butylbenzylphthalate	BQL	10.0	1.53	1	12/27/2007	
2-Chloronaphthalene	BQL	10.0	1.25	1	12/27/2007	
2-Chlorophenol	BQL	10.0	4.22	1	12/27/2007	
4-Chloro-3-methylphenol	BQL	10.0	3.26	1	12/27/2007	
4-Chloroaniline	BQL	50.0	17.8	1	12/27/2007	
4-Chlorophenyl phenyl ether	BQL	10.0	1.42	1	12/27/2007	
Chrysene	BQL	10.0	1.11	1	12/27/2007	
Dibenzo[a,h]anthracene	BQL	10.0	4.87	1	12/27/2007	
Dibenzofuran	BQL	10.0	1.12	1	12/27/2007	
Di-n-Butylphthalate	BQL	10.0	1.65	1	12/27/2007	
1,2-Dichlorobenzene	BQL	10.0	1.25	1	12/27/2007	
1,3-Dichlorobenzene	BQL	10.0	1.24	1	12/27/2007	
1,4-Dichlorobenzene	BQL	10.0	1.20	1	12/27/2007	
3,3'-Dichlorobenzidine	BQL	20.0	4.10	1	12/27/2007	
2,4-Dichlorophenol	BQL	10.0	3.75	1	12/27/2007	
Diethylphthalate	BQL	10.0	1.48	1	12/27/2007	
Dimethylphthalate	BQL	10.0	1.04	1	12/27/2007	
2,4-Dimethylphenol	BQL	10.0	9.25	1	12/27/2007	
Di-n-octylphthalate	BQL	10.0	1.16	1	12/27/2007	
4,6-Dinitro-2-methylphenol	BQL	50.0	3.71	1	12/27/2007	
2,4-Dinitrophenol	BQL	50.0	4.20	1	12/27/2007	
2,4-Dinitrotoluene	BQL	10.0	1.52	1	12/27/2007	
2,6-Dinitrotoluene	BQL	10.0	1.41	1	12/27/2007	
Diphenylamine *	BQL	10.0	1.53	1	12/27/2007	
Fluoranthene	BQL	10.0	1.41	1	12/27/2007	
Fluorene	BQL	10.0	1.22	1	12/27/2007	
Hexachlorobenzene	BQL	10.0	1.22	1	12/27/2007	
Hexachlorobutadiene	BQL	10.0	1.58	1	12/27/2007	
Hexachlorocyclopentadiene	BQL	20.0	20.0	1	12/27/2007	
Hexachloroethane	BQL	10.0	1.58	1	12/27/2007	
Indeno(1,2,3-c,d)pyrene	BQL	10.0	4.57	1	12/27/2007	
Isophorone	BQL	10.0	1.27	1	12/27/2007	
2-Methylnaphthalene	BQL	10.0	1.36	1	12/27/2007	

Results for Semivolatiles
by GCMS 8270

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB10014
Lab Project ID:

Analyzed By: DCS
Date Collected:
Date Received:
Date Extracted: 12/24/2007
Matrix: WATER

Compound	Result ug/L	RL ug/L	MDL ug/L	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	10.0	4.01	1	12/27/2007	
3- & 4-Methylphenol	BQL	10.0	2.94	1	12/27/2007	
Naphthalene	BQL	10.0	1.08	1	12/27/2007	
2-Nitroaniline	BQL	10.0	1.48	1	12/27/2007	
3-Nitroaniline	BQL	50.0	5.39	1	12/27/2007	
4-Nitroaniline	BQL	50.0	2.57	1	12/27/2007	
Nitrobenzene	BQL	10.0	1.32	1	12/27/2007	
2-Nitrophenol	BQL	10.0	3.52	1	12/27/2007	
4-Nitrophenol	BQL	50.0	3.17	1	12/27/2007	
N-Nitrosodi-n-propylamine	BQL	10.0	1.87	1	12/27/2007	
Pentachlorophenol	BQL	50.0	2.83	1	12/27/2007	
Phenanthrene	BQL	10.0	1.38	1	12/27/2007	
Phenol	BQL	10.0	3.38	1	12/27/2007	
Pyrene	BQL	10.0	2.08	1	12/27/2007	
1,2,4-Trichlorobenzene	BQL	10.0	1.33	1	12/27/2007	
2,4,5-Trichlorophenol	BQL	10.0	2.63	1	12/27/2007	
2,4,6-Trichlorophenol	BQL	10.0	2.92	1	12/27/2007	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.5	85
2-Fluorophenol	10	6.9	69
Nitrobenzene-d5	10	8	80
Phenol-d6	10	6.5	65
2,4,6-Tribromophenol	10	7.3	73
4-Terphenyl-d14	10	9	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 For Matrix Spike / Matrix Spike Duplicate and Laboratory Control Standard (MS/MSD/LCS)
by GCMS

Client Sample ID: Batch QC

Date Collected:

Client Project ID:

Date Received:

Lab Sample ID: Batch-10014-MS/MSD/LCS

Date Extracted: 12/24/07

Lab Project ID: G128-2093-8E

Date Analyzed: 12/28/07

Matrix: WATER

Analyzed By: EAW

Prep Method: 3520

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	% Rec.
Acenaphthylene	BQL	244	241	98.8	244	232	95.2	3.71	30	62.0-119
4-Chloro-3-methylphenol	BQL	244	242	99.4	244	238	97.7	1.73	30	67.0-109
2-Chlorophenol	BQL	244	240	98.5*	244	227	93.1	5.64	30	59.0-95.0
1,4-Dichlorobenzene	BQL	244	220	90.3*	244	153	62.6	36.2*	30	29.0-86.0
2,4-Dinitrotoluene	BQL	244	230	94.4	244	223	91.3	3.34	30	63.0-103
N-Nitrosodi-n-propylamine	BQL	244	241	98.8	244	235	96.4	2.46	30	67.0-107
4-Nitrophenol	BQL	244	237	97.2	244	225	92.1	5.39	30	49.0-146
Pentachlorophenol	BQL	244	228	93.4	244	228	93.6	0.214	30	43.0-106
Phenol	BQL	244	215	88.2	244	204	83.7	5.24	30	61.0-100
Pyrene	BQL	244	243	99.8	244	233	95.6	4.30	30	41.0-123
1,2,4-Trichlorobenzene	BQL	244	222	90.9	244	202	82.8	9.33	30	41.0-96.0

	Spiked Amount (µg/L)	LCS Conc. (µg/L)	LCS Spike %	QC Limits
				% Rec.
Acenaphthylene	100	98.8	98.8	52.1-145
4-Chloro-3-methylphenol	100	98.6	98.6	51.1-135
2-Chlorophenol	100	93.9	93.9	43.7-128
1,4-Dichlorobenzene	100	67.7	67.7	30.0-110
2,4-Dinitrotoluene	100	94.3	94.3	56.3-144
N-Nitrosodi-n-propylamine	100	98.1	98.1	55.9-143
4-Nitrophenol	100	89.3	89.3	47.8-148
Pentachlorophenol	100	79.9	79.9	43.9-118
Phenol	100	85.0	85.0	48.0-124
Pyrene	100	96.7	96.7	29.9-185
1,2,4-Trichlorobenzene	100	85.7	85.7	43.9-122

Comments:

Concentrations reflect the spiked sample amounts.

Flags:

* = Out of limits.

NA = Not applicable.

Reviewed By: 



Results for Metals

Client Sample ID: UST4515941-MW04145
Client Project ID: NV019
Lab Sample ID: G650-125-1
Lab Project ID: G650-125
Batch ID: 9998

Analyzed By: PSW
Date Collected: 12/19/2007 9:52
Date Received: 12/20/2007
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	0.700	5.00	0.617	25	UG/L	6020	12/20/2007	J

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL
Samples Prepared by 3030C

Reviewed By:  METALS



Results for Metals

Client Sample ID: UST4515941-MW15
Client Project ID: NV019
Lab Sample ID: G650-125-3
Lab Project ID: G650-125
Batch ID: 9998

Analyzed By: PSW
Date Collected: 12/19/2007 10:49
Date Received: 12/20/2007
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	163	5.00	0.617	25	UG/L	6020	12/20/2007	

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL
Samples Prepared by 3030C

Reviewed By: 

METALS

**Results for Metals**

Client Sample ID: UST4515941-MW01145
Client Project ID: NV019
Lab Sample ID: G650-125-4
Lab Project ID: G650-125
Batch ID: 9998

Analyzed By: PSW
Date Collected: 12/19/2007 12:12
Date Received: 12/20/2007
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	1.20	5.00	0.617	25	UG/L	6020	12/20/2007	J

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL
Samples Prepared by 3030C

Reviewed By: 

METALS



Results for Metals

Client Sample ID: UST4515941-MW13
Client Project ID: NV019
Lab Sample ID: G650-125-5
Lab Project ID: G650-125
Batch ID: 9998

Analyzed By: PSW
Date Collected: 12/19/2007 10:55
Date Received: 12/20/2007
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	8.35	5.00	0.617	25	UG/L	6020	12/20/2007	

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL
Samples Prepared by 3030C

Reviewed By: 

METALS



Results for Metals

Client Sample ID: UST4515941-MW21
Client Project ID: NV019
Lab Sample ID: G650-125-6
Lab Project ID: G650-125
Batch ID: 9998

Analyzed By: PSW
Date Collected: 12/19/2007 9:40
Date Received: 12/20/2007
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	0.650	5.00	0.617	25	UG/L	6020	12/20/2007	J

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL
Samples Prepared by 3030C

Reviewed By: 

METALS



Results for Metals

Client Sample ID: UST4515941-MW09
Client Project ID: NV019
Lab Sample ID: G650-125-7
Lab Project ID: G650-125
Batch ID: 9998

Analyzed By: PSW
Date Collected: 12/19/2007 11:51
Date Received: 12/20/2007
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	1.08	5.00	0.617	25	UG/L	6020	12/20/2007	J

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL
Samples Prepared by 3030C

Reviewed By: 

METALS



Results for Metals

Client Sample ID: UST4515941-DUPLICATE
Client Project ID: NV019
Lab Sample ID: G650-125-8
Lab Project ID: G650-125
Batch ID: 9998

Analyzed By: PSW
Date Collected: 12/19/2007 0:00
Date Received: 12/20/2007
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	0.700	5.00	0.617	25	UG/L	6020	12/20/2007	J

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL
Samples Prepared by 3030C

Reviewed By: 

METALS



Results for Metals

Client Sample ID: Lab Blank
Client Project ID:
Lab Sample ID: pb9998
Lab Project ID:
Batch ID: 9998

Analyzed By: PSW
Date Collected:
Date Received:
Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Lead	BQL	5.00	0.617	25	UG/L	6020	12/20/2007	

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: 

METALS



METALS Results for LCS/LCD

ICP Batch: 9998
HG Batch:
Other:

Matrix: WATER
Units: MG/L

Analyte	TRUE Value	LCS	LCS %REC	LCD	LCD %REC	Limit		RPD		RPD Limit
						Lower	Upper			
Lead	0.400	0.388	97.0	0.381	95.3	80	120	1.82		20

Reviewed By: 



MS/MSD Results for METALS

Lab ID: G650-125-1
MS Lab ID: G650-125-1
MSD Lab ID: G650-125-1
ICP Batch: 9998
HG Batch:
Other: 1530

Analyzed By: PSW
Matrix: Water
Units: MG/L

Analyte	Sample Result	SA MS	MS Result	MS %REC	SA MSD	MSD Result	MSD %REC	Limit		RPD	RPD Limit
								Lower	Upper		
Lead	BQL	0.400	0.386	96.5	0.400	0.400	100	75	125	3.56	20

Comments

*=Out of Limits

NA = Not applicable, due to sample concentration greater than three times spike concentration

Reviewed By: 

APPENDIX C

FIELD DATA



CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

Locations Nationwide
• Alaska
• Hawaii
• Ohio
• Maryland
• New Jersey
• North Carolina
• West Virginia
www.sgs.com

077892

SGS Reference:

PAGE 1 OF 1

CLIENT: *Colorado Consulting*

CONTACT: *Angela* PHONE NO: *910 359-0665*

PROJECT: *AL014* SITE/PSWID: *AL014 45*

REPORTS TO: *Angela* E-MAIL: *Angela@sgs.com*

INVOICE TO: *C. Martinez* QUOTE #

415 Oak Road, Charlotte, NC 28203 P.O. NUMBER *11019*

VA Beach, VA 22412

LAB NO. SAMPLE IDENTIFICATION DATE TIME MATRIX

U574615941-MU00W45 *12/19/07* *0952* *CLL*

U574615941-MU00W45 *12/19/07* *0930* *TB*

U574615941-MU00W45 *12/19/07* *1049* *CLL*

U574615941-MU00W45 *12/19/07* *1212* *CLL*

U574615941-MU00W45 *12/19/07* *1055* *CLL*

U574615941-MU00W45 *12/19/07* *0940* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

U574615941-MU00W45 *12/19/07* *1151* *CLL*

No. CONTAINERS

SAMPLE TYPE
G= GRAB
C= COMPOSITE

Preservation Used
Analysis Required

8260
8370
3090, PB

3

3

3

3

3

3

Shipping Carrier:

Shipping Ticket No:

Special Deliverable Requirements:

Special Instructions:

Requested Turnaround Time:

☐ RUSH

☐ STD

Date Needed:

Samples Received Cold? (Circle) YES NO

Temperature (C):

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

Date: 19 Dec 2007

Gauged By:

AMER

[illegible]

Project Number:	NV019	Well ID:	UST45/S941-MW09
Project Name:	Bldg. 45	Sample ID:	UST45/S941-MW09
Date:	12/19/07	Well Condition:	good
Weather:	clear 40s		

Protective Casing Diameter (inch):	<u>4" Stand</u>	Water Column (feet):	<u>11.20</u>
Inner Casing Diameter (inch):	<u>2" (0.163)</u>	Casing Volume (gal):	<u>1.926</u>
		Purge/Sample Method:	<u>Low Flow Method</u>
Depth to Product from TOC (feet):	<u>—</u>	Start Purge Date/Time:	<u>12/19/07 11:25</u>
Initial Depth to Water from TOC (feet):	<u>18.80</u>	Total Volume Purged (gal):	
Product Thickness (feet):	<u>—</u>	Sample Time/Date	<u>12/19/07 11:5</u>
Total Depth from TOC (feet):	<u>30.00</u>	Sampler Name:	<u>A. Weir / K. Ro</u>

[illegible]

[illegible]

Extremely low recharge. Samples contain high sediment content

[illegible]

GROUNDWATER MONITORING WELL GAUGING DATA
MCB Camp Lejeune and New River MCAS

Date: 19 June 2007
SITE: Bldg 45

Gauged By: KRJAW

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					
UST45/S941-MW04		21.93					
UST45/S941-MW05		19.65					
UST45/S941-MW06		48.22	15:37	17.81			
UST45/S941-MW07		23.11					
UST45/S941-MW08		19.17					
UST45/S941-MW09		48.17	15:41	17.41			
UST45/S941-MW12		15.35					
UST45/S941-MW13		12.18	15:45	8.02			
UST45/S941-MW14		16.12	15:52	13.75			NO back, cap broken
UST45/S941-MW15		15.90	15:55	10.48			broken cap
UST45/S941-MW17		14.70					
UST45/S941-MW19		17.11					
UST45/S941-MW20		15.68					
UST45/S941-MW21		48.92	15:49	14.72			
UST45/S941-MW22		---	---	---	---	---	unknown location
UST45/S941-MW01/45		20.07	15:57	11.91			
UST45/S941-MW02/45		22.04					
UST45/S941-MW03/45		---	---	---	---	---	unknown location
UST45/S941-MW04/45		---	15:48	14.98	---	---	unknown location

16.00

Project Number:	NV019	Well ID:	MW04145
Project Name:	Bldg 95	Sample ID:	AS74513941-MW04145
Date:	6/30/07	Well Condition:	OK
Weather:	Rainy @ 85°		

Protective Casing Diameter (inch):	<u>8"</u>	Water Column (feet):	<u>8.02</u>
Inner Casing Diameter (inch):	<u>4"</u>	Casing Volume (gal):	<u>5.20</u>
		Purge/Sample Method:	<u>Low Flow Method</u>
Depth to Product from TOC (feet):	<u>NP</u>	Start Purge Date/Time:	<u>6/20/07 1630</u>
Initial Depth to Water from TOC (feet):	<u>14.98</u>	Total Volume Purged (gal):	<u>5.5</u>
Product Thickness (feet):	<u>NP</u>	Sample Time/Date	<u>6/20/07 1730</u>
Total Depth from TOC (feet):	<u>23.0</u>	Sampler Name:	<u>K. Riggs</u>

[illegible]

Initial flow rate = 500 ml/min DTW: 15.35 sec

mw 4/45

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Analysis	Method
Volatile Organics	
EDB	
BNs/PAHs	
Total Metals	
Dissolved Metals	

Stabilization Ranges

Dissolved Oxygen: no greater than 20% of saturation the the field temp

Turbidity: no greater than 20 NTUs

Specific Conductance: +/- 5% of reading

Temperature: +/-2

pH: +/- 0.2 Standard Units

Project Number: NV019
Project Name: Bldg 45
Date: 6/20/07
Weather: Rainy + 90°

Well ID: MW21
Sample ID: U579515941-MW21
Well Condition: OK

Protective Casing Diameter (inch): 8"

Inner Casing Diameter (inch): 2"

Depth to Product from TOC (feet): NP

Initial Depth to Water from TOC (feet): 14.72

Product Thickness (feet): NP

Total Depth from TOC (feet): 49.5

Water Column (feet): 34.78

Casing Volume (gal): 5.67

Purge/Sample Method: Low Flow Method

Start Purge Date/Time: 6/20/07 1430

Total Volume Purged (gal): 2.0

Sample Time/Date: 6/20/07 1550

Sampler Name: K. R. Aggs

[illegible]

Initial Flow rate = 500 ml/min DTW: 15.56
Duplicate collected - U5745/5941 - Duplicate

Project Number: NV019
Project Name: Bldg 45
Date: 6/20/07
Weather: Overcast & gpo

Well ID: MW19
Sample ID: US 4515941 - MW19
Well Condition: OK

Protective Casing Diameter (inch): 8"

Inner Casing Diameter (inch): 2"

Depth to Product from TOC (feet): NP

Initial Depth to Water from TOC (feet): 13.75

Product Thickness (feet): NP

Total Depth from TOC (feet): 16.1

Water Column (feet): 2.35

Casing Volume (gal): 1.38

Purge/Sample Method: Low Flow Method

Start Purge Date/Time: 6/20/07 1435

Total Volume Purged (gal): 2.75

Sample Time/Date: 6/20/07 1520

Sampler Name: K Riggs

[illegible]

DTW: 14.61

MW21

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Clear - no odor

Analysis	Method
Volatile Organics	
EDB	
BNs/PAHs	
Total Metals	
Dissolved Metals	

Stabilization Ranges

Dissolved Oxygen: no greater than 20% of saturation the the field temp

Turbidity: no greater than 20 NTUs

Specific Conductance: +/- 5% of reading

Temperature: +/-2

pH: +/- 0.2 Standard Units

11/11/19

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

no odor

Analysis	Method
Volatile Organics	
EDB	
BNs/PAHs	
Total Metals	
Dissolved Metals	

Stabilization Ranges

Dissolved Oxygen: no greater than 20% of saturation the the field temp

Turbidity: no greater than 20 NTUs

Specific Conductance: +/- 5% of reading

Temperature: +/-2

pH: +/- 0.2 Standard Units

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Analysis	Method
Volatile Organics	
EDB	
BNs/PAHs	
Total Metals	
Dissolved Metals	

Stabilization Ranges

Dissolved Oxygen: no greater than 20% of saturation the the field temp

Turbidity: no greater than 20 NTUs

Specific Conductance: +/- 5% of reading

Temperature: +/-2

pH: +/- 0.2 Standard Units

Project Number: NV019

Project Name: Bldg 45

Date: 6/12/07

Weather: Sunny + 95° Humid

Well ID: MW06
Sample ID: UST45/S941 - MW06
Well Condition: good

Protective Casing Diameter (inch): 24"
Inner Casing Diameter (inch): 2"

Water Column (feet): 3.49
Casing Volume (gal): 5.14
Purge/Sample Method: Low Flow Method

Depth to Product from TOC (feet): NP
Initial Depth to Water from TOC (feet): 17.81
Product Thickness (feet): NP
Total Depth from TOC (feet): 17.81

Start Purge Date/Time: 6/20/07 0945
Total Volume Purged (gal): 5.90
Sample Time/Date: 6/20/07 1050
Sampler Name: K. Riggs

[illegible]

0945 - Initial flow rate = 300ml/min DTW: 19.04

MW06

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Clear, good recharge

Analysis	Method
Volatile Organics	
EDB	
BNs/PAHs	
Total Metals	
Dissolved Metals	

Stabilization Ranges

Dissolved Oxygen: no greater than 20% of saturation the the field temp

Turbidity: no greater than 20 NTUs

Specific Conductance: +/- 5% of reading

Temperature: +/-2

pH: +/- 0.2 Standard Units

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Analysis	Method
Volatile Organics	
EDB	
BNs/PAHs	
Total Metals	
Dissolved Metals	

Stabilization Ranges

Dissolved Oxygen: no greater than 20% of saturation the the field temp

Turbidity: no greater than 20 NTUs

Specific Conductance: +/- 5% of reading

Temperature: +/-2

pH: +/- 0.2 Standard Units

1255 - Flow rate is at 400 ml/min DTW: 10.85' bkec

Initial flow 500 ml/min DTW: 12.32' b/c
* water has yellow/amber tint - no odor

Observations During Sampling (e.g. slow recharge, turbidity, odor, sheen, PID/FID readings, or change in pump interval setting):

Analysis	Method
Volatile Organics	
EDB	
BNs/PAHs	
Total Metals	
Dissolved Metals	

Stabilization Ranges

Dissolved Oxygen: no greater than 20% of saturation the the field temp

Turbidity: no greater than 20 NTUs

Specific Conductance: +/- 5% of reading

Temperature: +/-2

pH: +/- 0.2 Standard Units

UST45/S941-MW05/45							unknown location
UST45/S941-MW02R		14.51					
UST45/S941-MW03R		17.80					
UST45/S941-PW01R		18.00					
total for sample tubing		428.63					