November 30, 2009

Mr. Matthew Huyser
On-Scene Coordinator
U.S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW, 11th Floor
Atlanta, Georgia 30303

Subject: Final Sampling Event Letter Report
Seven Out
Waycross, Ware County, Georgia
EPA Contract No. EP-W-05-054
TDD No. TTEMI-05-001-0076

Dear Mr. Huyser:

The Tetra Tech EM Inc. (Tetra Tech) Superfund Technical Assessment and Response Team (START) is submitting this final letter report for the sampling event at the Seven Out site in Waycross, Ware County, Georgia. The U.S. Environmental Protection Agency (EPA) requested that Tetra Tech START collect split samples with the potentially responsible parties' (PRP) contractor. Specifically, Tetra Tech was tasked to prepare a work plan, a site-specific sampling plan (SSSP), a quality assurance project plan (QAPP), and a site-specific health and safety plan (HASP); collect up to 15 split samples with the PRP contractor; and provide oversight of the PRP contractor sampling activities.

This letter report summarizes field activities conducted during the sampling event and includes six appendices. Appendix A includes site figures, Appendix B provides data tables, and Appendix C contains the photographic log. Appendix D is a copy of the Tetra Tech START logbook notes. Appendix E contains the Tetra Tech data validation report, Appendix F contains the analytical data received from Winter Environmental Services (Winter), and Appendix G is a table of witnesses.

Background

The Seven Out site is located at 901 Francis Street in Waycross, Ware County, Georgia, in a mixed-land-use area. The site is bounded by Francis Street to the north, Folks Street to the east, and property owned by CSX Railroad to the south and west (see Figure 1 in Appendix A). The property has been owned by Seven Out, LLC, since 2002, but was used primarily by BCX, Inc., from January 2003 until sometime in 2004.

BCX treated industrial wastewater at the site and released the treated water to the City of Waycross publicly owned treatment works (POTW). The site is characterized by dozens of tanks, both horizontal and vertical, with associated piping and valve works (see Figure 2 in Appendix A). Because BCX failed to meet the discharge permit requirements, the city terminated BCX's permit on March 1, 2004 and disconnected the effluent connection. BCX, however, continued to accept wastewater for treatment, eventually filling all 37 permanent on-site tanks. Four temporary storage tanks were brought on site to store additional water. At some point in 2004, BCX abandoned the site, leaving approximately 350,000 gallons of liquid waste and an estimated 150,000 gallons of sludge or solids at the site.

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In August 2004, Tetra Tech performed a removal assessment at the site. Thirty-three waste and four soil samples were collected. Detectable concentrations of organic and inorganic constituents were found in the tank samples, although not at levels that would qualify any of the materials as hazardous waste. On January 27, 2005, EPA again visited the site in response to a request from the Georgia Department of Natural Resources Environmental Protection Division. Water was observed overtopping the secondary containment wall and flowing into a nearby drainage ditch at the facility. EPA therefore initiated an emergency removal action to stabilize the facility and remove the wastewater. EPA removed almost 350,000 gallons of wastewater and other liquid waste. The sludges were not addressed during this removal action.

An EPA cost-recovery investigation identified several entities as PRPs for the site. On July 30, 2008, EPA and the PRPs entered into an Administrative Settlement Agreement and Order on Consent (AOC) to conduct removal activities at the Seven Out site in accordance with the National Oil and Hazardous Substances Pollution Contingency Plan. In response, the PRP group hired Winter Environmental as the prime remediation contractor. Winter submitted a work plan, subsequently approved by EPA, that called for an initial round of sampling to delineate the nature and volume of the remaining wastes at the site. EPA tasked Tetra Tech to provide oversight of Winter's sampling activities to ensure the work plan was being followed. Additionally, Tetra Tech was asked to collect split samples of selected waste to evaluate whether Winter's contracted laboratory was analyzing the waste properly and to ensure that Winter was reporting the results accurately to EPA.

Sampling Activities

On November 10, 2008, Tetra Tech personnel Charles Berry and Kyle Russell arrived on site and met with the Winter crew, led by Project Manager Brent Sasser. On-scene coordinator (OSC) Matthew Huyser arrived shortly after, and a brief kickoff and safety meeting was held. Winter explained the sampling process outlined in the work plan in greater detail, and all personnel discussed the required safety precautions and procedures outlined in both Winter's and Tetra Tech's health and safety plans and how they affected the various organizations represented on site.

Winter's work plan called for accessing each tank through the top-mounted manhole and performing air monitoring within each tank using a standard 4-gas meter for monitoring percent oxygen, percent of lower explosive limit, carbon monoxide, and hydrogen sulfide; and a photoionization detector (PID) for monitoring volatile organic compounds (VOCs). Two Winter personnel operating from an articulating manlift were lifted to the top of each vertical tank. Where possible, the top-mounted manhole of the tank was removed and air monitoring of the interior of the tank was performed. Some tanks were bolted too tightly to access, and other tanks were without top-mounted manholes. In response, Winter brought in a pneumatic bolt de-header to remove the tight bolts and access the top-mounted manholes. Air monitoring was performed from the vent stack on the top of each tank for the tanks without top-mounted manholes. Once a non-explosive atmosphere was confirmed, a circular metal saw was used to cut open an access point on the top of the tank. Samples were collected using a bailer for liquid media and a Ponar dredge for sludges. Winter found that nearly every tank contained an appreciable amount of product, mostly a thick sludge of used petroleum.

Also sampled were approximately one dozen containers of various materials stored in an adjacent open shed. The containers were a mix of 55-gallon drums and 275-gallon totes. Tetra Tech assisted Winter by donning Level B personal protective equipment (PPE) to open the containers of unknown contents and collect samples of the containers that could be safely opened. Tetra Tech collected one sample from these containers. Sample TO-01 was collected from a tote and split with Winter.

On November 14, 2008, Winter, Tetra Tech, and EPA demobilized from the site. Tetra Tech had collected 10 split waste samples with Winter, or 12-percent of the total samples collected by the PRP contractor. OSC Huyser said that he felt this number constituted an adequate quality control check on the PRP contractor and instructed Tetra Tech not to return the next week, when activities were scheduled to resume.

Work Plan Compliance and Issues

Tetra Tech was tasked with observing Winter throughout the sampling event to monitor Winter's adherence to the approved work plan and compliance with all applicable health and safety regulations. In Tetra Tech's opinion, Winter's sampling protocol was generally conducted in compliance with the work plan dated October 9, 2008, and approved by EPA. Winter's sampling approach was also in general compliance with EPA Field Branches Quality System and Technical Procedures. Proper cross-contamination precautions were taken and sampling equipment was decontaminated between each sample. Winter applied proper safety precautions with respect to fall protection and monitoring potentially hazardous atmospheres before any metal was cut or sawed. Additionally, Winter used Level C PPE several times to mitigate noxious odors emanating from the tanks.

Winter's work plan indicated the drums and totes would be addressed during the removal action portion of site activities. Winter's project manager, Mr. Sasser, agreed to collect waste samples during the sampling phase, but air monitoring of one open drum indicated an increase to Level B PPE was warranted. However, Winter's personnel on site were not qualified to conduct Level B field activities. Although Tetra Tech's original work plan indicated Tetra Tech would not physically collect any samples, OSC Huyser agreed to allow Tetra Tech, whose personnel were trained for Level B operations, to collect the samples from the drums and totes in the hope that the PRP would be able to remove the drums and totes from the site more quickly than if the sampling were delayed.

Winter inadvertently caused several of the tall vertical tanks to begin leaking. Notably, tanks SH-1, SH-2, SH-3, SH-4, and OP-1 were all seen to be leaking small amounts of fluid from the bases. The vibration introduced by the de-header used on the hatch bolts of these tanks possibly caused liquid to weep from locations where historical leaks had occurred. Most of the tanks in the facility show signs of pin-hole leaks. Also, much of the concrete in the secondary containment area is stained from prior leaks in the same pattern as the current leaks. It is likely that many of the tanks have experienced historical leaks at some point in the past. Winter initially used a polypropylene boom to absorb any leaks from the tanks.

Waste Characterization

Tetra Tech analyzed 10 waste samples as splits, nine from the tanks (including one duplicate) and one from a tote. According to the sample data, none of the samples was characteristically ignitable in accordance with the Resource Conservation and Recovery Act (RCRA). Furthermore, none of the samples exhibited the RCRA characteristic of corrosivity.

All samples indicated some metals contamination. A review for volatile organic compounds (VOC) and semivolatile organic compounds (SVOC) revealed similar results. Characteristic waste codes, if applicable, can be assigned once toxicity characteristic leaching procedure (TCLP) results have been received for these data. As of this report, the results of TCLP analyses for VOCs and SVOCs were pending.

Comparison of results obtained from Winter's procured laboratory with Tetra Tech's results for the same samples revealed several discrepancies. Tetra Tech's results exceeded Winter's by an order of magnitude

for some of the analytes. Possible explanations for the differences in Winter's and Tetra Tech's data may include: (1) liquid samples may have stratified slightly before the samples were split or prior to analysis by the laboratories, thus affecting the homogeneity; and, (2) solids may not have been completely homogenized before the sample was split.

Analytical data for the aqueous samples revealed diesel range organics, a few VOCs, and some SVOCs and metals reported significantly different results (see the tables in Appendix B). The VOC methyl tert-butyl ether, for example, was detected in Tetra Tech's SH-4 sample at 230 micrograms per liter (µg/L), while none was reported in Winter's. Conversely, methylene chloride was detected Winter's CT-5 sample at 230 µg/L; while none was reported in Tetra Tech's. Other VOCs with discrepancies included toluene and total xylenes. Split sample results for SVOCs that were found to be significantly different include benzo(k)flouranthene, chrysene, fluoranthene, phenanthrene, and pyrene. Metals that were found to be an order of magnitude different include arsenic, barium, chromium, and lead. Corrosivity measurements were found to be more than 10 percent different in only one aqueous sample, SH-4.

Analytical results for solid samples revealed even more significant differences. For example, an order of magnitude greater in gasoline range organics, diesel range organics, a few metals, as well as some VOCs and SVOCs (see the tables in Appendix B). VOCs where discrepancies were found include 2-butanone, 4-methyl-2-pentanone, acetone, benzene, chlorobenzene, ethylbenzene, isopropylbenzene, methylcyclohexane, tetrachloroethene, toluene, and total xylenes. SVOC analyses with significant differences include 2-methylnaphthalene, 4-methylphenol, anthracene, benz(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, di-n-butyl phthalate, fluoranthene, naphthalene, phenanthrene, phenol, and pyrene. Metals with discrepancies include barium, cadmium, and silver. Corrosivity measurements were found to be more than 10 percent different in only one solid sample, CT-5.

If you have any questions or need additional copies of this report, please call me at (678) 775-3098 or Brian Croft at (678) 775-3113.

Sincerely,

Charles Berry
START III Site Manager

Andrew F. Johnson
START III Program Manager

Appendices (6)

cc: Katrina Jones, EPA Project Officer
Darryl Walker, EPA Alternate Project Officer
Angel Reed, START III Document Control Coordinator

APPENDIX A

FIGURES

(2 Pages)

0 500 1,000 Feet

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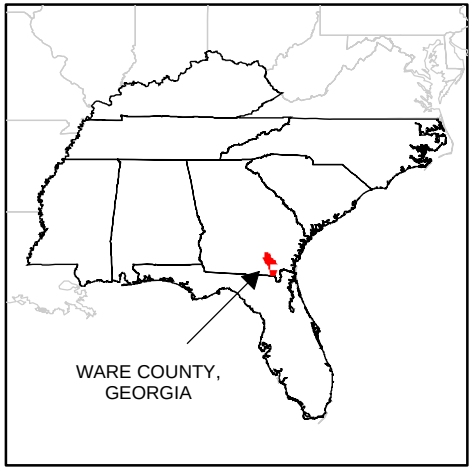
MAP SOURCE:
USGS, WAYCROSS EAST, GA
TOPOGRAPHIC QUADRANGLE, 1970



United States Environmental Protection Agency

SEVEN OUT
WAYCROSS,
WARE COUNTY,
GEORGIA
TDD No.TTEMI-05-001-0076

FIGURE 1
SITE LOCATION

TETRA TECH

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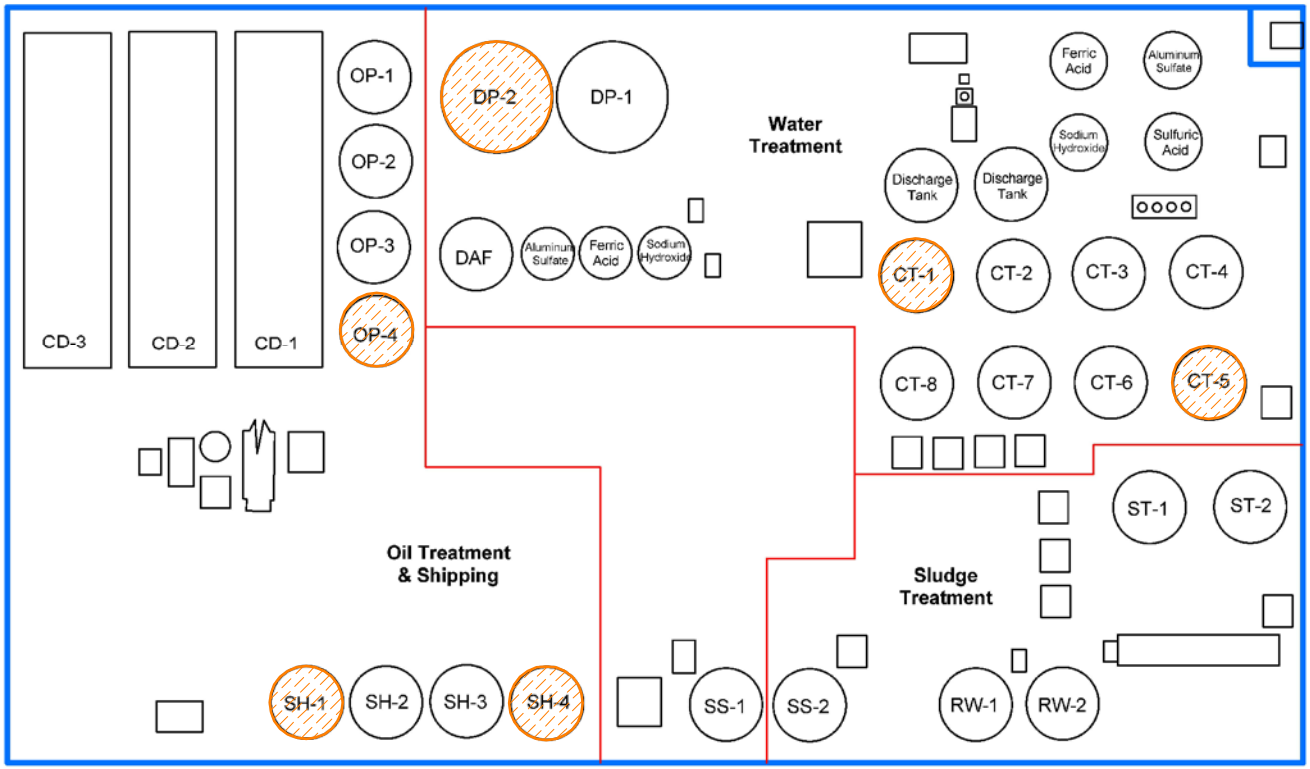

Locations where Tetra Tech collected split samples with Winter Environmental.

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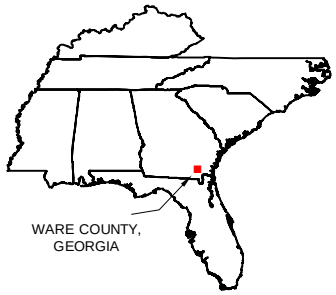

United States Environmental Protection Agency

SEVEN OUT
WAYCROSS,
WARE COUNTY
GEORGIA
TDD No. TTEMI-05-001-0076

FIGURE 2
FACILITY LAYOUT

TETRA TECH

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APPENDIX B

TABLES
(6 Pages)

TABLE 1
DRAFT POSITIVE ANALYTICAL RESULTS FOR AQUEOUS SAMPLES
SEVEN OUT

Tank Number:			**CT-1**		**CT-5**		**SH-4**	
Company Sampling:			**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**
Sample Collection Date:			**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/14/2008**	**11/11/2008**
	D-Listed Waste Codes	**Regulatory Level (mg/L)**						
Volatile Organic Compounds			**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
2-Butanone (MEK)	D035	200	ND	ND	ND	ND	**3,300**	**1,500**
2-Hexanone	NL	NL	ND	ND	ND	ND	**24 J**	ND
4-Methyl-2-pentanone (MIBK)	NL	NL	**8.5 J**	ND	ND	ND	**360**	**210**
Acetone	NL	NL	**28 J**	ND	**19 J**	ND	**350,000**	**350,000**
Benzene	D018	0.5	**12**	**14**	**5.2**	ND	**490**	**1,200**
Carbon Disulfide	NL	NL	**6.5 J**	ND	ND	ND	**51**	ND
Chlorobenzene	D021	100	ND	ND	ND	ND	**1.6 J**	ND
Ethylbenzene	NL	NL	**0.76 J**	ND	ND	ND	**3.3 J**	**24**
Isopropylbenzene	NL	NL	ND	ND	ND	ND	ND	**13 J**
Methyl tert-Butyl Ether	NL	NL	ND	ND	ND	ND	**230**	ND
Methylene Chloride	NL	NL	ND	**42**	ND	**230**	**44**	**74**
Tetrachloroethene	D039	0.7	ND	ND	ND	ND	ND	**12 J**
Toluene	NL	NL	ND	ND	ND	ND	**27**	**110**
Total Xylenes*	NL	NL	**4.4 J**	ND	**0.68 J**	ND	**18**	**120**
Semivolatile Organic Compounds			**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
2-Methylnaphthalene	NL	NL	ND	**110**	ND	ND	ND	ND
2-Methylphenol	NL	NL	ND	ND	ND	ND	ND	**31 J**
4-Chloro-3-methylphenol	NL	NL	ND	ND	ND	ND	**380 J**	**679**
4-Methylphenol/3&4-Methylphenol	D026	200	ND	ND	ND	ND	**150 J**	**470**
Anthracene	NL	NL	ND	**20.3 J**	ND	ND	ND	ND
Benzo(a)anthracene	NL	NL	ND	**34.6 J**	ND	ND	ND	ND
Benzo(a)pyrene	NL	NL	ND	**26.2 J**	**6.0 J**	ND	ND	ND
Benzo(b)fluoranthene	NL	NL	ND	**34.1 J**	**10 J**	ND	ND	ND
Benzo(g,h,i)perylene	NL	NL	ND	**17.2 J**	ND	ND	ND	ND
Benzo(k)fluoranthene	NL	NL	**4.5 J-**	**28.7 J**	**8.4 J**	ND	ND	ND
Chrysene	NL	NL	**8.9 J-**	**46.3 J**	**17 J**	ND	ND	ND
Fluoranthene	NL	NL	**27 J-**	**153**	**37 J**	**3.2 J**	ND	ND
Indeno(1,2,3-cd)pyrene	NL	NL	ND	**14.7 J**	ND	ND	ND	ND
Isophorone	NL	NL	ND	ND	ND	ND	**410 J**	ND
Naphthalene	NL	NL	ND	**17.8 J**	ND	ND	ND	ND
Phenanthrene	NL	NL	**11 J-**	**221**	**9.9 J**	ND	ND	ND
Phenol	NL	NL	ND	ND	ND	ND	**7,700**	**23,400**
Pyrene	NL	NL	**7.1 J-**	**88.8**	ND	**3.05 J**	ND	ND
Gasoline Range Organics			**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
Gasoline Range Organics	NL	NL	**0.06 J-**	ND	**0.03 J**	ND	**3.07**	**4.0**
Diesel Range Organics			**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
Diesel Range Organics	NL	NL	**6.8 J**	**970**	**330**	**47**	**88**	**410**

TABLE 1
DRAFT POSITIVE ANALYTICAL RESULTS FOR AQUEOUS SAMPLES
SEVEN OUT

Tank Number:			**CT-1**		**CT-5**		**SH-4**	
Company Sampling:			**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**
Sample Collection Date:			**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/14/2008**	**11/11/2008**
	D-Listed Waste Codes	**Regulatory Level (mg/L)**						
Metals			**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
Arsenic	D004	5	**1.9**	**0.017**	**2.8**	**0.018**	ND	**0.074**
Barium	D005	100	**9.2**	**0.005 J**	**34**	**0.031 J**	ND	**0.032 J**
Chromium	D007	5	**18**	**0.016 J**	**13**	**0.011 J**	ND	**0.02 J**
Lead	D008	5	**0.90 J**	ND	**0.40 J**	**0.006 J**	**4.1**	**0.03**
Mercury	D009	0.2	ND	ND	ND	ND	**0.004 J**	ND
Selenium	D010	1	ND	ND	ND	ND	ND	**0.03**
Silver	D010	5	ND	ND	ND	ND	ND	**0.002 J**
Miscellaneous Parameters								
Corrosivity (pH units)	NL	NL	**7.5**	**7.79**	**7.7**	**7.84**	**7.1**	**8.5**

Notes:
HIGHLIGHTED results indicate a difference in Winter Environmental (Winter) and Tetra Tech data of greater than 10 percent for corrosivity or an order of magnitude for other analyses.
The Winter Environmental data are assumed to have been generated prior to data validation.
BOLD text indicates positive results
RED text indicates that Winter's data was higher than Tetra Tech's
Regulatory Level = the maximum allowable concentration of the contaminant before receiving the toxicity characteristic
* = For water samples, total xylenes were reported as the m,p- and o- isomers.
Env. = Environmental
MEK = methyl ethyl keytone
mg/L = Milligrams per liter
MI BK = methyl isobutyl keytone
µg/L = Micrograms per liter
J = The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J- = The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
ND = Not detected
NL = Not Listed

TABLE 2
DRAFT POSITIVE ANALYTICAL RESULTS FOR SOLID SAMPLES
SEVEN OUT

Tank Number:			**CT-1**		**CT-5**			
Company Sampling:			**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**
Sample Collection Date:			**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**
Field Quality Control:							**Field Duplicate**	**Field Duplicate**
	D-Listed Waste Codes	**Regulatory Level (mg/L)**						
Volatile Organic Compounds			**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
2-Butanone (MEK)	D035	200	**860 J+**	ND	**110 J+**	ND	**190 J+**	ND
2-Hexanone	NL	NL	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	NL	NL	**980 J+**	ND	**120 J+**	ND	**270 J+**	ND
Acetone	NL	NL	**18,000 J+**	**1,200 J**	**15 J+**	**1,700 J**	**9.9 J+**	**1,900 J**
Benzene	D018	0.5	**12 J+**	**2,000**	**610 J+**	**300 J**	**1,400 J+**	**100 J**
Carbon Disulfide	NL	NL	ND	**360**	ND	**160 J**	ND	ND
Chlorobenzene	D021	100	**910 J+**	ND	**26 J+**	ND	**120 J+**	ND
Chloromethane	NL	NL	ND	ND	ND	ND	ND	ND
Cyclohexane	NL	NL	**76 J+**	ND	ND	ND	**27 J+**	ND
Ethylbenzene	NL	NL	**3,400 J+**	**110 J**	**230 J+**	**98 J**	**1,200 J+**	**70 J**
Isopropylbenzene	NL	NL	**2,000 J+**	ND	**59 J+**	ND	**420 J+**	ND
Methyl Acetate	NL	NL	ND	**220 J**	ND	**500**	ND	ND
Methyl tert-Butyl Ether	NL	NL	ND	ND	ND	ND	ND	ND
Methylcyclohexane	NL	NL	**620 J+**	ND	**89 J+**	ND	**330 J+**	ND
Methylene Chloride	NL	NL	**270 J+**	ND	**71 J+**	ND	**120 J+**	ND
Styrene	NL	NL	**33 J+**	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	D039	0.7	**140 J+**	ND	ND	ND	ND	ND
Toluene	NL	NL	**2,900 J+**	**140 J**	**11 J+**	ND	**62 J+**	ND
Total Xylenes	NL	NL	**19,000 J+**	**670**	**1,400 J+**	**580**	**6,800 J+**	**520**
Trichloroethene (TCE)	D040	0.5	**190 J+**	ND	ND	ND	ND	ND
Semivolatile Organic Compounds			**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
2-Methylnaphthalene	NL	NL	**54,000 J**	**1,400 J**	ND	ND	ND	ND
4-Chloroaniline	NL	NL	ND	**970 J**	ND	ND	ND	**3,700**
4-Methylphenol	D025	200	ND	ND	ND	ND	ND	ND
Anthracene	NL	NL	ND	ND	ND	**2,300 J**	**13,000 J**	**1,600 J**
Benz(a)anthracene	NL	NL	ND	ND	**10,000 J**	ND	**17,000 J**	**560 J**
Benzo(a)pyene	NL	NL	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NL	NL	ND	ND	ND	ND	**24,000 J**	ND
Benzo(k)fluoranthene	NL	NL	ND	**670 J**	ND	**590 J**	**19,000 J**	**1,000 J**
Bis(2-ethylhexyl) Phthalate	NL	NL	ND	ND	ND	ND	ND	ND
Chrysene	NL	NL	ND	**570 J**	**25,000 J**	**630 J**	**43,000 J**	**1,000 J**
Di-n-butyl Phthalate	NL	NL	ND	ND	ND	ND	ND	ND
Fluoranthene	NL	NL	**28,000 J**	**1,300 J**	**95,000 J**	**2,800 J**	**130,000 J**	**2,400 J**
Naphthalene	NL	NL	ND	ND	ND	ND	ND	ND
Phenanthrene	NL	NL	**54,000 J**	**1,800 J**	**55,000 J**	**2,300 J**	**78,000 J**	**1,500 J**
Phenol	NL	NL	ND	**630 J**	ND	ND	ND	ND
Pyrene	NL	NL	ND	**820 J**	**14,000 J**	**800 J**	**24,000 J**	**1,200 J**

TABLE 2
DRAFT POSITIVE ANALYTICAL RESULTS FOR SOLID SAMPLES
SEVEN OUT

Tank Number:			**CT-1**		**CT-5**			
Company Sampling:			**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**
Sample Collection Date:			**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**
Field Quality Control:							**Field Duplicate**	**Field Duplicate**
	D-Listed Waste Codes	**Regulatory Level (mg/L)**						
Gasoline Range Organics			**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Gasoline Range Organics	NL	NL	**110**	**5.8 J**	**8.5 J**	ND	**17 J**	ND
Diesel Range Organics			**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Diesel Range Organics	NL	NL	**96,000 J**	**5,500**	**250,000**	**4,200**	**230,000**	**2,400**
Metals			**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Arsenic	D004	5	ND	**0.76 J**	ND	**0.587 J**	ND	**1.02 J**
Barium	D005	100	**24**	**29**	**217**	**29.7**	**195**	**29.9**
Cadmium	D006	1	**0.050 J**	**0.750**	**0.040 J**	**0.147 J**	ND	**0.890**
Chromium	D007	5	**14**	**4.32 J**	**5.1**	**1.04 J**	**4.3**	**4.13 J**
Lead	D008	5	**3.2**	**2.19 J**	**4.7**	**1.16 J**	**4.0**	**2.15 J**
Mercury	D009	0.2	ND	ND	ND	**0.0036 J**	ND	**0.0092 J**
Selenium	D010	1	ND	ND	ND	ND	ND	ND
Silver	D011	5	**0.25 J**	**0.192 J**	**1.0**	**0.138 J**	**0.96**	**0.174 J**
Miscellaneous Parameters								
Corrosivity (pH units)	NL	NL	**8.0**	**7.5**	**8.2**	**8.0**	**8.1**	**7.0**

Notes:
HIGHLIGHTED results indicate a difference in Winter Environmental (Winter) and Tetra Tech's data of greater than 10 percent for corrosivity or an order of magnitude for other analyses.
The Winter Environmental data are assumed to have been generated prior to data validation.
BOLD text indicates positive results
RED text indicates that Winter's data was higher than Tetra Tech's
Regulatory Level = the maximum allowable concentration of the contaminant before receiving the toxicity characteristic

* = The sample from tank TO-01 was an oily sample that was analyzed as a solid sample by Tetra Tech, but as an aqueous sample from Winter Environmental
Env. = Environmental
MEK = methyl ethyl keytone
mg/kg = Milligrams per kilogram
MIKB = methyl isobutyl keytone
PCE = perchloroethene or tetrachloroethene
TCE = trichloroethene
µg/kg = Micrograms per kilogram
J = The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample
J+ = The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high
ND = Not detected
NL = Not Listed

TABLE 2
DRAFT POSITIVE ANALYTICAL RESULTS FOR SOLID SAMPLES
SEVEN OUT

Tank Number:			**DP-2**		**OP-4**		**SH-1**		**TO-01***	
Company Sampling:			**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**
Sample Collection Date:			**11/14/2008**	**11/11/2008**	**11/13/2008**	**11/11/2008**	**11/13/2008**	**11/11/2008**	**11/10/2008**	**11/11/2008**
Field Quality Control:										
	D-Listed Waste Codes	**Regulatory Level (mg/L)**								
Volatile Organic Compounds			**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/L**
2-Butanone (MEK)	D035	200	ND	ND	**23,000 J+**	**2,900**	**21 J+**	**2,500**	ND	ND
2-Hexanone	NL	NL	ND	ND	ND	ND	**1,300 J-**	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	NL	NL	**1,000 J+**	ND	**16,000 J+**	**1,400 J**	**11 J+**	**1,100 J**	ND	ND
Acetone	NL	NL	**11,000 J+**	ND	**130 J+**	**33,000**	**2,200 J+**	**120,000**	ND	ND
Benzene	D018	0.5	**2.7 J+**	**470**	**140 J+**	**16,000**	**16 J+**	**1,300**	ND	ND
Carbon Disulfide	NL	NL	ND	ND	ND	**150 J**	ND	ND	ND	ND
Chlorobenzene	D021	100	**430 J+**	ND	**4.2 J+**	**660**	**3,300 J+**	ND	ND	ND
Chloromethane	NL	NL	ND	**120 J**	ND	ND	ND	ND	ND	ND
Cyclohexane	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	NL	NL	**1.2 J+**	**170 J**	**4.6 J+**	**680**	**2.5 J+**	**180 J**	ND	ND
Isopropylbenzene	NL	NL	**0.62 J+**	**83 J**	**0.52 J+**	**74 J**	**1.3 J+**	**95 J**	ND	ND
Methyl Acetate	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether	NL	NL	ND	ND	**370 J+**	ND	**370 J+**	ND	ND	ND
Methylcyclohexane	NL	NL	**750 J+**	ND	**4,900 J+**	ND	**1,500 J+**	ND	ND	ND
Methylene Chloride	NL	NL	**120 J+**	**150 J**	**520 J+**	**230 J**	**300 J+**	ND	ND	**2,900**
Styrene	NL	NL	**35 J+**	ND	**750 J+**	ND	**210 J+**	ND	ND	ND
Tetrachloroethene (PCE)	D039	0.7	**130 J+**	ND	**0.9 J+**	**120 J**	**4,900 J+**	ND	ND	ND
Toluene	NL	NL	**1.4 J+**	**240**	**15 J+**	**2,000**	**2.9 J+**	**230 J**	ND	ND
Total Xylenes	NL	NL	**4.0 J+**	**590**	**23 J+**	**3,500**	**12 J+**	**940**	ND	ND
Trichloroethene (TCE)	D040	0.5	**93 J+**	ND	**140 J+**	ND	**780 J+**	ND	ND	ND
Semivolatile Organic Compounds			**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/L**
2-Methylnaphthalene	NL	NL	**110,000**	**4,600**	**75,000 J**	**45.9 J**	**91,000 J**	ND	ND	ND
4-Chloroaniline	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	D025	200	ND	ND	ND	ND	**120,000 J**	ND	ND	ND
Anthracene	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Benz(a)anthracene	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyene	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) Phthalate	NL	NL	**8,000 J**	ND	**9,200 J**	**24.9 J**	ND	ND	ND	ND
Chrysene	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl Phthalate	NL	NL	ND	ND	ND	**9.91 J**	**96,000 J**	ND	ND	ND
Fluoranthene	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	NL	NL	**37,000 J**	**1,500 J**	**38,000 J**	**26.2 J**	**36,000 J**	ND	ND	ND
Phenanthrene	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	NL	NL	ND	**2,300 J**	**530,000**	**118**	**330,000**	ND	ND	ND
Pyrene	NL	NL	ND	ND	ND	ND	ND	ND	ND	

TABLE 2
DRAFT POSITIVE ANALYTICAL RESULTS FOR SOLID SAMPLES
SEVEN OUT

Tank Number:			**DP-2**		**OP-4**		**SH-1**		**TO-01***	
Company Sampling:			**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**	**Tetra Tech EMI**	**Winter Env.**
Sample Collection Date:			**11/14/2008**	**11/11/2008**	**11/13/2008**	**11/11/2008**	**11/13/2008**	**11/11/2008**	**11/10/2008**	**11/11/2008**
Field Quality Control:										
	D-Listed Waste Codes	**Regulatory Level (mg/L)**								
Gasoline Range Organics			**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/L**
Gasoline Range Organics	NL	NL	**230**	**9.3**	**580**	**39**	**190**	**19**	ND	ND
Diesel Range Organics			**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/L**
Diesel Range Organics	NL	NL	**42,000**	**3,700**	**160,000**	**21,000**	**150,000**	**26,000**	ND	**2,500**
Metals			**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/L**
Arsenic	D004	5	**17**	**5.36**	**0.59**	ND	ND	ND	ND	**0.6**
Barium	D005	100	**29**	**24**	**9.2**	**9.24**	**16**	**11.4**	ND	**0.034 J**
Cadmium	D006	1	ND	**0.778**	**0.07 J**	**0.750**	ND	**0.175 J**	ND	ND
Chromium	D007	5	**10**	**6.62**	**2.6**	**3.24 J**	**2.7**	**1.83 J**	**0.70 J**	**0.147 J**
Lead	D008	5	**2.3**	**2.07 J**	**3.9**	**4.9**	**0.92**	**0.932 J**	ND	**0.044 J**
Mercury	D009	0.2	ND	**0.0064 J**	ND	ND	ND	ND	ND	ND
Selenium	D010	1	ND	ND	ND	ND	ND	ND	ND	**0.668**
Silver	D011	5	**0.10 J**	**0.185 J**	**0.77**	**0.913 J**	**2.7**	**1.61 J**	ND	**0.007 J**
Miscellaneous Parameters										
Corrosivity (pH units)	NL	NL	**8.9**	**9.5**	**8.7**	**9.0**	**8.2**	**8.6**	**3.3**	**6.5**

Notes:
HIGHLIGHTED results indicate a difference in Winter Environmental (Winter) and Tetra Tech's data of greater than 10 percent for corrosivity or an order of magnitude for other analyses.
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Regulatory Level = the maximum allowable concentration of the contaminant before receiving the toxicity characteristic

* = The sample from tank TO-01 was an oily sample that was analyzed as a solid sample by Tetra Tech, but as an aqueous sample from Winter Environmental
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J = The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample
J- = The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low
ND = Not detected
NL = Not Listed

APPENDIX C

PHOTOGRAPHIC LOG
(10 Pages)

OFFICIAL PHOTOGRAPH NO. 1
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TTEMI-05-001-0076	**Location:**	Seven Out
Orientation:	East	**Date:**	November 11, 2008
Photographer:	Kyle Russell, Tetra Tech	**Witness:**	Chuck Berry, Tetra Tech

Subject: Winter Environmental Services (Winter) samples a drum in Level C personal protective equipment (PPE).

OFFICIAL PHOTOGRAPH NO. 2
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TTEMI-05-001-0076	**Location:**	Seven Out
Orientation:	East	**Date:**	November 11, 2008
Photographer:	Kyle Russell, Tetra Tech	**Witness:**	Chuck Berry, Tetra Tech
Subject:	Winter samples a tote in Level C PPE.		

OFFICIAL PHOTOGRAPH NO. 3
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TTEMI-05-001-0076	**Location:**	Seven Out
Orientation:	East	**Date:**	November 11, 2008
Photographer:	Chuck Berry, Tetra Tech	**Witness:**	Kyle Russell, Tetra Tech

Subject: Winter uses a bailer to sample liquid from aboveground storage tank (AST) CT-1.

OFFICIAL PHOTOGRAPH NO. 4
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TTEMI-05-001-0076	**Location:**	Seven Out
Orientation:	South	**Date:**	November 11, 2008
Photographer:	Kyle Russell, Tetra Tech	**Witness:**	Chuck Berry, Tetra Tech

Subject: Tank farm. Note the standing water in the secondary containment area.

OFFICIAL PHOTOGRAPH NO. 5
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TTEMI-05-001-0076	**Location:**	Seven Out
Orientation:	East	**Date:**	November 11, 2008
Photographer:	Kyle Russell, Tetra Tech	**Witness:**	Chuck Berry, Tetra Tech
Subject:	Winter containerizes a sample from AST CT-1.		

OFFICIAL PHOTOGRAPH NO. 6
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TTEMI-05-001-0076	**Location:**	Seven Out
Orientation:	East	**Date:**	November 11, 2008
Photographer:	Kyle Russell, Tetra Tech	**Witness:**	Chuck Berry, Tetra Tech
Subject:	Winter accesses AST SH-2.		

OFFICIAL PHOTOGRAPH NO. 7
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TTEMI-05-001-0076	**Location:**	Seven Out
Orientation:	East	**Date:**	November 11, 2008
Photographer:	Chuck Berry, Tetra Tech	**Witness:**	Kyle Russell, Tetra Tech
Subject:	Winter collects a sample from AST CT-4.		

OFFICIAL PHOTOGRAPH NO. 8
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TTEMI-05-001-0076	**Location:**	Seven Out
Orientation:	North	**Date:**	November 12, 2008
Photographer:	Kyle Russell, Tetra Tech	**Witness:**	Chuck Berry, Tetra Tech
Subject:	Winter containerizes sample CT-2S.		

OFFICIAL PHOTOGRAPH NO. 9
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TTEMI-05-001-0076	**Location:**	Seven Out
Orientation:	West	**Date:**	November 12, 2008
Photographer:	Matt Huyser, EPA	**Witness:**	Chuck Berry, Tetra Tech
Subject:	Tetra Tech samples drums in Level B PPE.		

OFFICIAL PHOTOGRAPH NO. 10
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TTEMI-05-001-0076	**Location:**	Seven Out
Orientation:	South	**Date:**	November 13, 2008
Photographer:	Kyle Russell, Tetra Tech	**Witness:**	Chuck Berry, Tetra Tech
Subject:	Leaking ASTs.		

APPENDIX D

LOGBOOK NOTES
(14 Pages)

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CONTENTS

PAGE	REFERENCE	DATE

11/10/08

~~0645~~ START on site. Winters on site
0745 Review + Sign HASP.
0750 Winters begins site prep. Waiting on lift to arrive.
0800 Winter Personnel Project Manager is Brent Sasser. 678 362 7619 cell
Joseph King 404 925 8818 cell
0940 Winter has set up a decontaye wash system outside the secondary containment on west side.
0950 winter is set up inside secondary containment and will go up on lift to open top. will open 5 at a time, air monitor, then let vent. Then will go back up and sample. Safety wires will include harness + 3 point connection at all times in Lift. Will use 4-gas + PID to air monitor.
0950 Winter personnel is attached to lift and goes up in Lift to check tank tops.
Earlier START Berry + Russell with OSC Huyser and winter did site walk through. Went through buildings on SW side of site. Various drums + 5 gal buckets were observed in buildings

11/10/08

empty [redacted] jars + full bags of grout perclite, and calcium chloride (Dow) Barrels observed. Photos document this.
1000 SH1 Tank does not have a [redacted] man hole on top. Going to open anyway
1010 SH1 tank read on PID - [redacted] 3.7 ppm
H_2S - 3.0 LEL - 5% CO - 2.0 O_2 20.9
1040 SH-2 tank PID - 22.4 CO - 6
LEL 6%. 2 inch port on top O_2 20.9
1115 SH-3 tank reading PID - 1.1 ppm LEL 0
CO - 0.0 H_2S 0.0 O_2 - 20.9.
1120 SH4 tank PID 3.6 ppm LEL 0.0 CO 0.0
H_2S 0.0 O_2 20.9
1145 START breaks for lunch
1226 START returns onsite to relieve OSC Huyser from watch so he can go to lunch. Winter is out looking for new bolts so we can remove plates. START is waiting to resume work once OSC + winter arr. return
1320 Winter goes back up in lift to check more tanks
1325 Tank SS2 reading PID - 0.0 ppm
CO - 3.0 LEL 8% O_2 - 20.5 H_2S - 0
1327 TANK SS2 reading PID 0.0 ppm
CO - 2.0 LEL - 0.0 H_2S - 0.0 O_2 20.9

11/10/08

13 RW-1 reading PID 0.0ppm CO 0.0
LEL 0.0 H_2S 0.0 O_2 20.6

	VOC	H_2S	LEL	O_2	CO	%full
RW-2	0.0	0.0	0.0	20.7	1.0	[redacted]
DP-1	5.6	0.0	0.0	20.9	0.0	75
DP2	0.0	0.0	0.0	20.9	0.0	50
T3	0.0	0.0	0.0	20.9	0.0	100
T2	0.0	0.0	0.0	20.9	0.0	100
T1	0.0	0.0	0.0	20.9	0.0	100
OP2	0.0	0.0	0.0	20.9	0.0	
OP-3	15.5	0.0	0.0	20.6	0.0	
OP-4	6.5	0.0	0.0	20.9	0.0	
DAF	0.0	0.0	0.0	20.9	0.0	
[redacted]						
RW-1	0.0	0.0	0.0	20.6	0.0	
SS 2	0.0	0.0	0.0	20.9	2.0	
SS 1	0.0	0.0 KR	8%	20.5	3.0	
SH 4	3.6	0.0	0.0	20.9	0.0	
SH 3	1.1	0.0	0.0	20.9	0.0	
SH 2	22.4	0.0	6%	20.9	6.0	
SH 1	3.7	3.0	5%	20.5	2.0	

11/10/08
1530 START, Winter, and OSC finish for the day. Winter was able to air monitor 17 tanks. Waiting for equipment to cut open access ports. START offsite

11/11/03

0700 START Berry and Russell Arrive on-site. Winters Env. is already here setting up decon pad and getting ready for today

0710 OSC Arrives onsite. Winter goes over safety meeting on days activities opening tanks & drum sampling

START will collect Two 2-oz & three 4-oz sample jars per sample collected by Winter

0740 START & winters begin sampling Drums & containers in storage area

	VOC	CO	H_2S	LEL	O_2
TO-02	1.7	0	0	0	20.9
Blue Drum	0.3	0	0	0	20.5
Black(P)	2.6	1.0	0	0	20.7
Black(M)	105↑	145	0	0	20.9
Black-RS		0	0	0	20.9
Hyperion 22(1)		4	0	0	18.7
" (2)		460 KR	0	18	14.9
" (3)		4	0	0	14.9

~~[illegible]~~ KR

~~[illegible]~~ KR

0845 collected split sample from tank TO-02

0935 collected CT-5 split and dup

0950 collected CT-5 Dup

% Full	PID	H_2S	CO	LEL	O_2
CD 3 KR 50%	Ø	Ø	30	5%	20.5
CD-2 50%	0.1	Ø	Ø	Ø	20.9
CD-1 KR 1.25%	Ø	Ø	Ø	Ø	20.9
ST-1 60%	Ø	Ø	Ø	Ø	20.9
KR TO-10 2 ~~[illegible]~~	Ø	Ø	Ø	Ø	20.9
ST-2 25	Ø	Ø	Ø	Ø	20.9
~~[illegible]~~ TO-19 25	Ø	Ø	Ø	Ø	20.9
TO-12 11 25	0.1	Ø	Ø	Ø	20.9
KR ~~[illegible]~~	Empty				
KR ~~[illegible]~~	Empty				
KR ~~[illegible]~~	Empty				
DR-1 80 ~~Blue Drum~~	0.1	Ø	Ø	Ø	20.9
KR DR-2 ~~[illegible]~~	Ø	Ø	Ø	Ø	20.9
TO-13					
TO-14 25	Ø	0	0	0	20.9
~~[illegible]~~	Empty				
DAF-2		0	0	0	20.9

1130 START breaks for lunch

1200 START back on site. Waiting to start backgroun everyone returns from lunch

	PID	H_2S	CO	LEL	O_2
1240 ~~[illegible]~~	~~0~~	~~0~~	~~0~~	~~0~~	~~20.9~~ KR
T-5 75%	0	0	0	0	20.5
T-7 20%	0	0	0	0	20.9
T-6 50	0	0	0	0	20.9
T-4 20	0	0	0	0	20.9

11/11/08

	%Full	PID	CO	H_2S	LEL	O_2
C2062	80	0	0	0	0	20.9
spill tank	100	0	0	0	0	20.9
T-8	15	0	0	0	0	20.9

1330 Winters will resample CT-5 for a greater volume

1315 Sample collected at CT-1

1430 Sample collected at CT-15

1510 Sample collected at CT-5S

1520 Sample collected at CT-5SD

1700 START off-site

11/12/08

0700 START on-site, winter setting up for the day.

Weather. Partly Cloudy, mid 70°F, wind E 5-10, 20% chance of rain

START will dress out in level B today to sample drums in garage storage area. Winter will continue to sample tanks in containment area.

0725 Safety meeting, calibrate PID, and 4-Gas

0800 Winter begins dehreading manhole access bolts @ SH-2.

0823 SH-2 is completely full. Manhole is opened. Process takes about 20-30 minutes to dehead bolts & break cover free.

0830 Removing heads on SH-3.

0840 SH-3 removed. Process much faster. Tank is 75% full

0900 SH tanks are circumference of 33.25 ft. D = 10.6 ft H = 29.5 ft

SH-1 is two ft higher than others

±19,150 gallons in SH tanks

SH 2 & 4 are 100% full; SH-3 75% full

11/12/08

0930 new numbers for tank volumes.

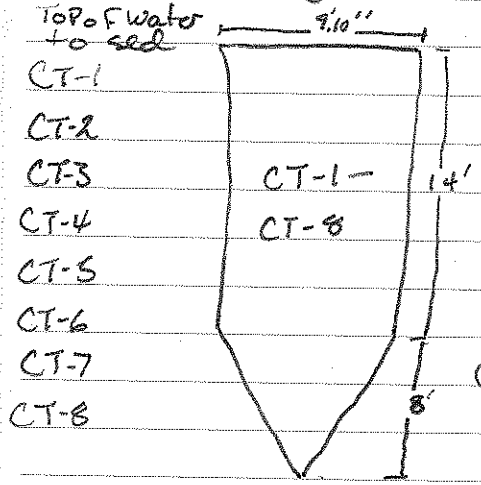
SH-1 20,800 gallon SH-2 - SH-4 19,500 gallon

SS-1, SS-2 are 33.25 ft cir.

RW1, RW2 are 25.10 ft cir.

CD-1 - CD-4 cir = 33.50 ft

OP-1 - OP4 cir. = 33.25 ft



	DTW
CT-1	11.70
CT-2	10.66
CT-3	12.15
CT-4	13.00
CT-5	12.60
CT-6	12.60
CT-7	12.40
CT-8	12.60

1150 START left to fill up air tank for level B work

1215 START breaks for lunch

1245 START back on site, begins set up for sample collection in Level B.

1430 START enters storage area and samples drums that have liquid

1505 START exits and decons and

Volumes

~~Tank Dia Rad Hgt L1 L2 D~~

Tank	Diam	L_1	L_2	Est fill
DAF	30'	9'		
DAF-2	L_1 = 5'	L_2 = 10'	d = 2.2	80%
DP2	57'			
T1	19	7.5		
T2	19	7.5		
T3	19	7.5		
DP1	57'			
ST1	dia = 7'	10		5/80
ST2	dia = 7'	10		2/80
Oil Coal	L_1 8	L_2 5	D = 7	75
T4	(6K)	32		
T5	(6K)	32		
T6	(6K)	32		
T7	(6K)	30		
T15	L_1 = 6	L_2 = 3	d = 4	100%
T8	2500 gal			
T9	8.5 x	8 x	7.5	60%
T12	Dia = 4		4.5	50%

1700 TT off site.

17/13/08 Times

0700 START onsite

winter, START, EPA has safety meeting. Thunderstorms are possible this afternoon

Weather - 70°s today. winds S-10mph humidity, 100%, Cloudy, isolated thunderstorms

0730 Winter goes in to begin sampling START works on COC and getting samples ready for shipment

1000 Winter filled START split sample jars for tank OP-4

1030 Winter's backs off SH-1 due to foul odor. Don APRs + reattempt to collect samples. START will split sludge.

1050 Winter collects split sample of tank SH-1

1200 START off site for lunch

1230 START onsite for work

1500 OSC Hayes has asked that winter fixes the leaks that have formed around tanks SH-2,3,4 + OP-4,3

1535 Danger + caution tape is placed

around perimeter of secondary containment and around leaking tanks.

1630 START off site

11/14/08

0645 START onsite. Winters setting up this morning.

Tank appear to be leaking more heavily this morning.

Tetra Tech will collect aliquot from SH-3 and sludge DP-2

Weather 70°F, Mostly Cloudy, 94% humid wind 6 mph-SSE

50% chance of thunderstorms this morning and through out today

0800 Sample for DP-2S collected

0930 Winter has completed sampling all high tanks reachable from inside the containment. Will use the lift to close up everything they can + will remove to get the 3 high tanks outside the containment.

1030 Winters collects from SH-4, ~~2~~ 1" of oil on 24 ft water w/ 5 ft sludge. —

1050 Setting up on SH-3. —

1130 Winter off site for lunch. START remains behind for site security. —

1205 START off site for lunch + FedEx.

1345 START returns to site. —

CEM

11/14/08

MSDSs found on site

- Aluminum Sulfate Solution
- Calcium Hydrated Lime
- Calcium Oxide Lime (Quicklime)
- Carbon, Activated
- Caustic Soda Liquid
- COD Digestion Solution Hach Co catalog # 2125915
- COD Reagent High Range Hach Co 2415915
- Ferric Chloride Sol
- Ferric Sulfate 50%
- H_2O_2 20-51%
- Nalclear 7744 ~~Cas No. 64742-47-8~~ ONDeo Co. Flocculant
- Nalmet 8702 ONDeo Nalco
- pH Buffer pH 4.0 Fisher Scientific # SB1014
  pH 7.0 SB1074
  pH 10.0 SB1154
- PolyClean 7 ONDeo Nalco
- Calrox Potassium Permanganate
- Sulfuric Acid 77700%
- Superfloc SD-2081 Cytec Flocculant
- Ultrion 8155 Ondeo Nalco

CEM

11/14/08

1515 Winter pulling off site.

- Tank OP-1 was empty. No sample collected
- A construction barrier fence has erected around the entire secondary containment area.
- Winters is beginning to pack up the site
- 1550 Tetra tech & Winters off site.

* Tetra Tech will not return Monday when Winter returns. OSC Huyser feels that enough split samples have been collected to gauge Winter's responsiveness & laboratory's quality, and asked TT to demob Saturday.

11/15/08

0830 TT departs Waycross

1400 TT arrived at Berry's house. KR will continue to Duluth office & thence to Huntsville, AL.

Photo Log

Photo #	Subject	POW
S16		
S17		
S18		
S19		
S20		
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S39		

Void

#	Subject	POW
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S42		
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Void

#	Subject	POW
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VOID

Photolog

#	Subj	POW
480	Interior of ~~[illegible]~~ end of bldg	CLB S KRGG
481	Same	" " "
482	Mr. Richards explaining the vats	CLB S GG
483		
516	Tank farm from Parking lot	CLB E KR
517	Piping in main corridor	CLB E KR
518	Evidence of trespassing	KR N CB
519	Small 5-gallon containers in western shed	KR W CB
520	Drums & Totes in shed	KR W CB
521	"	" " "
522	"	" " "
523	Decon pad. This is eventually moved inside the containment	KR E CB
524	Tank farm	KR N CB
525	Tank farm	KR W CB
526	Filter Press - note standing water	KR N CB
527	~~Gutto~~ Operations house	KR N CB
528	Items inside Ops house - note chemical bottles	KR W CB
529	Chem bottles	KR NA CB
530	"	" " "

Photolog 11/10

#	Subj	P	O	W
531	chem bottles in Ops building	KR	S	CB
532	Main 7-out Office building	KR	~~W~~ ~~E~~	CB
533	Winter preparing to open tanks in articulating lift	KR	E	CB
534	"	"	"	"
535	Winter ascending in lift	"	"	"
536	Winter examining tank SH-1	KR	E	CB
537	Winter attempting to remove bolts on SH-2 hatch	KR	N	CB
538	Winter at SH-3	KR	E	CB
~~540~~ 539	Deleted — — — — —			
540	Winter sampling drums + totes in Level CPPE	KR	E	CB
541	"	"	"	"
542	"	"	"	"
543	"	"	"	"
544	Tank CT-1	CB	NA	KR
545	Tank CT-5	CB	NA	KR
546	Winter bailing liquid from CT-5	CB	E	KR
547	Tank Farm	KR	S	CB

11/11/08

CB

Photolog 11/11

#	Subj	P	O	W
548	Tank farm Note H_2O	KR	S	CB
549	Winter ~~Collecting~~ containerizing Sample CT-1-S a split sample w/ TT	KR	E	CB
550	Winter decons Power	KR	E	CB
551	Winter collecting CT-4S	CB	E	KR
552	"	"	"	"
553	Kyle Russell doing paperwork	CB	S	KR
~~554~~	~~Winter atop SH-2 w/ pneumatic~~			

CB

11/12/08

#	Subj	P	O	W
554	Winter atop SH-2 w/ pneumatic deheader	KR	E	CB
555	Winter collecting CT-2S	KR	N	CB
556	START preparing for level B	MH	E	CB
557	START in level B	MH	W	CB
558	"	"	"	"
559	"	"	"	"
560	"	"	"	"
561	"	"	"	"
562	"	"	"	"

CB

Photolog 11/13/05

#	subj	P	O	W
563	Winter sampling tanks	KR	NA	CB
564	Winter sampling OP-4	KR	N	CB
565	Winter in Level C due to odor	KR	NA	CB
566	Leaks from tanks caused by vibration from de heading	KR	S	CB
567	Boom put out by Winter	KR	E	CB
568	"	"	"	"
569	Barrier tape surrounding facility	KR	E	CB
570	"	"	N	"
571	Winter at SS1	KR	N	CB
572	Barrier tape	KR	~~W~~ CB	CB
573	"	KR	W	CB
574	"	KR	W	CB
575	Facility across parking lot	KR	E	CB
~~576~~	~~Support zone + paperwork~~	~~CB~~	~~N~~	~~KR~~

CB

Photolog 11/14/05

#	subj	P	O	W
576	Support zone + paperwork	CB	N	KR
577	Winter setting up barrier fencing	CB	N	KR
578	Leaking	KR	S	CB
579	"	KR	S	CB
580	"	"	E	"
581	Barrier fencing	CB	E	KR

CB

APPENDIX E

TETRA TECH DATA VALIDATION REPORT
(112 Pages)

February 6, 2009

Mr. Matthew Huyser
On-Scene Coordinator
U.S. Environmental Protection Agency, Region 4
61 Forsyth Street SW, 11th Floor
Atlanta, Georgia 30303

Subject: **Seven Out**
Technical Direction Document Number TTEMI-05-001-0076
Contract No. EP-W-05-054 (START III Region 4)
Cursory Data Validation Report
Columbia Analytical Services, Inc., Reports Nos. J0805565 and J0805578
Analytical Parameters: Volatile organic compounds (VOC), semivolatile organic compounds (SVOC), polychlorinated biphenyls (PCB), gasoline range organics (GRO), extractable petroleum hydrocarbons (EPH), metals, ignitability, and pH

Laboratory Report No.	Samples	Field Duplicate Pairs	Field Blanks
J0805565	CT-1, CT-1S, CT-5, CT-5S, CT-5SD, and TO-1	CT-5S and CT-5SD	None
J0805578	DP-2S, OP-4S, SH-1S, and SH-4	None	Trip Blank

Dear Mr. Huyser:

The Tetra Tech Superfund Technical Assessment and Response Team (START) conducted data validation on the analytical results for three waste water samples, one waste oil sample, five waste sludge samples, and two quality control (QC) samples (one field duplicate waste sludge sample and one trip blank) that were collected at the Seven Out site in Waycross, Ware County, Georgia, from November 10 through 14, 2008. The samples were analyzed under laboratory reports numbers J0805565 and J0805578 by Columbia Analytical Services, Inc. (Columbia), of Jacksonville, Florida. The samples were analyzed for volatile organic compounds (VOC) by SW-846 Method 8260B, semivolatile organic compounds (SVOC) by SW-846 Method 8270C, polychlorinated biphenyls (PCB) by SW-846 Method 8082, gasoline range organics (GRO) and extractable petroleum hydrocarbons (EPH, called "Diesel Range Organics" in the laboratory reports) by SW-846 Method 8015B, metals by SW-846 Methods 6020, 7470A, and 7471A, ignitability by SW-846 Methods 1020A and 1030, and pH by SW-846 Method 9045D. Columbia subcontracted the GRO analyses to the ENCO Laboratories, Inc. (Inc.) facility in Cary, North Carolina and included these results in the associated Columbia laboratory reports.

Analytical data were evaluated in general accordance with applicable data validation guidance documents, including the following: the U.S. Environmental Protection Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines (NFG) for Superfund Organic Methods Data Review (June 2008) and the EPA CLP NFG for Inorganic Data Review (October 2004). The analytical methods used by Columbia during this project provide guidance on procedures and method acceptance criteria that, in some areas, differ from the NFGs. Where the methods and the NFGs differ, the data validators followed the acceptance criteria in the methods. In addition, if laboratory-derived acceptance criteria were presented in the Columbia data package, then these criteria were used to evaluate the data, unless the criteria were considered inadequate.

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www.tetratech.com

Data were evaluated based on the following criteria:

- Data Completeness *
- Sample Preservation, Sample Receipt, and Holding Times
- Laboratory Blanks
- Laboratory Control Samples (LCS) and Laboratory Control Sample Duplicates (LCSD)
- Matrix Spike/Matrix Spike Duplicates (MS/MSD)
- Surrogate Recoveries
- Field Duplicates
- Dilution and Reported Detection Limits
- Analyte Quantitation

* All QC criteria were met for this evaluated parameter. Those criteria without an asterisk (*) displayed deficiencies that are described later in this report.

The following efficient and effective data validation approach was used for providing an abbreviated assessment of the quality of the set of data. Data evaluation consisted of a review of the data with a focus on the available review parameters present in the summary data package (which typically does not include the raw data). This review was not a complete assessment of all possible quality control parameters or even of each quality control parameter that was reviewed. The review, rather, was intended to efficiently identify and focus on those problems and quality control deficiencies that could be readily identified from the summary data package. Because of the nature of this approach, some problems and deficiencies may not have been identified; as such, this approach may not support some critical uses and required limits on decision-making uncertainty for the data.

Enclosure 1 presents copies of the sample results sheets from the laboratory data packages, with hand-entered qualifications from the data validation effort. Enclosure 2 presents the same data validation-qualified analytical results in table format.

DATA REVIEW RESULTS

The following sections discuss the data package and provide an overall assessment of the data. This discussion concentrates on the irregularities associated with the various parameters as indicated above. The laboratory misidentified sample CT-5SD as CT-55D. The corrections will be made manually in Enclosures 1 and 2.

SAMPLE PRESERVATION, SAMPLE RECEIPT, AND HOLDING TIMES

The standard holding times were met for all sample analyses. However, the bottles of sample CT-1 that were intended for use in the organic analyses were received at the laboratory with pH ranging from 6 to 9 standard pH units, well above the preservation requirement of <2. The laboratory immediately acidified the bottles. The VOC analysis was performed 8 days after sample collection, just beyond the 7-day holding time for unacidified samples. Because the samples were kept refrigerated and the laboratory promptly acidified them, no qualifications were made for this minor deviation. However, the GRO preparation was performed on the 13th day after sample collection. Because the components of this method are volatile, the GRO result for sample CT-1 was flagged “J-” to indicate that it is considered estimated and may be biased low.

LABORATORY BLANKS

Some of the metals preparation blanks contained various metals at concentrations less than their associated reporting limits. All positive results for mercury, except for sample SH-4, had concentrations similar to their associated blanks. Therefore, they were considered to be laboratory contamination and flagged "U". The other metals in all samples were either not detected or had much higher concentrations than their associated blanks. Therefore, no further qualifications are warranted.

Most organic preparation blanks contained no detectable analytes. One exception was the VOC blank associated with the analysis of the sludge samples in both laboratory reports, which had low concentrations of common laboratory contaminants acetone and methylene chloride. The samples contained much higher concentrations of the analytes, so no qualifications are warranted. Also, the trip blank had a low concentration of acetone, which was much lower than the concentrations in the samples. No qualifications were made for this exceedance, which may represent cross-contamination from one or more of the field samples. In addition, preparation blank JWG0804515-3 for the EPH analysis had a concentration below the reporting limit. All associated samples had concentrations above the reporting limit; therefore, no qualifications were applied.

LABORATORY CONTROL SAMPLES AND LABORATORY CONTROL SAMPLE DUPLICATES

All LCS and LCSD results were within the QC limits with the following exceptions for the SVOC analyses. The LCS accompanying the analysis of the aqueous samples (CT-1, CT-5, and SH-4) had a recovery above the QC limit for 4-nitroaniline and a recovery below the QC limit for 1,2,4-trichlorobenzene. The LCS and LCSD accompanying the analysis of the sludge samples (CT-1S, CT-5S, CT-5SD, DP-2S, OP-4S, and SH-1S) had recoveries above the QC limits for 2-chlorophenol, 4-nitroaniline, and hexachlorobutadiene. In addition, the LCSD recovery was above the QC limit for bis(2-chloroisopropyl)ether. The LCS accompanying the analysis of the oil sample (TO-01) had recoveries above the QC limits for 4-chloro-3-methylphenol and N-nitrosodi-n-propylamine. The non-detect 1,2,4-trichlorobenzene results for samples CT-1, CT-5, and SH-4 were considered to be estimated and flagged "UJ". No qualifications were required for the remaining exceedances because the associated results were non-detect and the exceedances were above the QC limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATES

Most of the MS/MSD results were within QC limits. In the VOC MS/MSD analyses performed on sample CT-1, recoveries of bromomethane were below the specified QC limits, while those for cyclohexane and methylcyclohexane were above QC limits. None of these compounds were detected in the unspiked sample; therefore, the bromomethane results were considered estimated and flagged "UJ" in sample CT-1.

In the SVOC MS/MSD analyses performed on sample CT-1, N-nitrosodiphenylamine, hexachlorocyclopentadiene, 2-chloronaphthalene, acenaphthene, fluorene, diethyl phthalate, phenanthrene, anthracene, fluoranthene, pyrene, butyl benzyl phthalate, 3.3'-dichlorobenzidine, benz(a)anthracene, chrysene, bis(2-ethylhexyl)phthalate, di-n-octyl phthtalate, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene had recoveries below their respective QC limits. These irregularities appear to be due to interference from nontarget analytes in that sample; therefore, positive (flagged "J-") and non-detect (flagged "UJ") results for those analytes in sample CT-1 were qualified as estimated and may be biased low. Similar irregularities may occur with these or other analytes in other samples. In addition, the MSD recovery for 4-bromophenyl phenyl ether was above the QC limit and the MS recovery for

carbazole was below the QC limit. No qualifications were warranted because the remaining recovery was within the QC limits in each case.

In the SVOC MS/MSD analyses performed on sample TO-01, phenol, N-nitrosodi-n-propylamine, 4-chloro-3-methylphenol, and acenaphthene had recoveries above their respective QC limits. In addition, the MSD recoveries were above their respective QC limits for 4-nitrophenol, pentachlorophenol, and pyrene. Again, these irregularities appear to be due to interference from nontarget analytes in that sample. The associated results were non-detect; therefore, no qualification were required.

In the EPH MS/MSD analyses performed on sample CT-1, the recovery of the analyte was within QC limits for the MS sample but negative for the MSD sample (that is, the spiked sample result was less than the unspiked sample result). In addition, the relative percent difference (RPD) between the MS and MSD samples was more than twice the QC limit. The spike was approximately half of the concentration of the unspiked sample. The irregularities could be the result of either matrix interference or an uneven distribution of the analyte within the sample. The EPH result for sample CT-1 was qualified as estimated (flagged "J"). Similar irregularities may occur in other samples.

SURROGATE RECOVERIES

Many of these samples had problems with surrogate recoveries in one or more organic analyses. These types of problems indicate matrix interference. In several cases, samples or sample extracts were diluted (as discussed in the next section) in an attempt to minimize the matrix effects, which resulted in several of the surrogate recovery problems listed.

In the VOC analyses, sample CT-5S had one of four surrogate recoveries above QC limits, samples CT-1S, CT-5SD, DP-2S, and SH-1S had two surrogate recoveries above QC limits, and sample OP-4S had all four surrogate recoveries above of QC limits. All positive VOC results for these samples are qualified as estimated with a high bias (flagged "J+").

In the SVOC analyses, samples CT-1S, CT-5SD, and OP-4S had one surrogate recovery outside of QC limits; and samples CT-1, CT-5, DP-2S, and SH-4, had all six surrogate recoveries outside of QC limits. No qualifications were necessary because the associated results required five- to fifty-fold dilutions.

In the PCB analyses, samples CT-1S, CT-5SD, CT-5S, DP-2S, OP-4S, and SH-1S had recoveries of less than 10 percent for the one surrogate. Therefore, the non-detect PCB results for all of those samples were rejected as unusable and flagged "R". Sample TO-01 displayed a PCB surrogate recovery above the QC limits; however, no qualifications were required because the associated results were non-detect.

In the EPH analyses, samples CT-1S, CT-5S, CT-5SD, DP-2S, OP-4S, and SH-1S had surrogate recoveries either zero percent or extremely high, or could not be determined due to their high dilutions; no qualifications were made for these data gaps, since all the samples affected required dilutions.

FIELD DUPLICATES

The following results displayed poor precision (RPD greater than 50 percent) between field sample CT-5S and field duplicate CT-5SD. The associated results were previously qualified as estimated and flagged "J-" due to surrogate failures; therefore, no further qualifications were warranted.

Analysis	Compound	RPD
VOC	Methylene chloride	51.3 percent
VOC	2-Butanone (MEK)	53.3 percent

Analysis	Compound	RPD
VOC	Benzene	78.6 percent
VOC	Methylcyclohexane	115 percent
VOC	4-Methyl-2-pentanone (MIBK)	76.9 percent
VOC	Toluene	140 percent
VOC	Chlorobenzene	129 percent
VOC	Ethylbenzene	136 percent
VOC	Total Xylenes	132 percent
VOC	Isopropylbenzene	151 percent
SVOC	Pyrene	52.6 percent
SVOC	Benz(a)anthracene	51.9 percent
SVOC	Chrysene	52.9 percent
GRO	GRO	61.2 percent

DILUTION AND REPORTED DETECTION LIMITS

The VOC fractions for samples CT-1, CT-5, and SH-4 were analyzed at a 5-fold dilution due to the high concentration of target and nontarget compounds. In addition, sample SH-4 was also analyzed at a 500-fold dilution for acetone to bring the concentration within calibration range. The SVOC extracts for samples CT-1, CT-5, DP-2S, OP-4S, and SH-1S were analyzed at a 5-fold dilution; while those for samples CT-1S, CT-5S, and CT-5SD were analyzed at a 10-fold dilution; and that for sample SH-4 at a 50-fold dilution. The EPH extracts for samples DP-2S and SH-1S were analyzed at a 5-fold dilution; those for samples CT-1S, CT-5, OP-4S, and SH-4 at a 10-fold dilution; and those for samples CT-5S and CT-5SD at a 20-fold dilution. Again, these dilutions were required because of the high concentrations of extractable organics in these compounds. These dilutions resulted in elevated reporting limits for all non-detected results.

ANALYTE QUANTITATION

Some of the positive results in various samples and analyses were above the sample detection limits but below the sample reporting limits, which correspond to the lowest calibration standards. These extrapolations are considered to be estimated and were flagged “J” by the laboratory, except the metals results, which were flagged “B”. The latter results were changed to “J” during data validation.

OVERALL ASSESSMENT OF DATA

The overall quality of this data package was acceptable. PCB results for samples CT-1S, CT-5SD, CT-5S, DP-2S, OP-4S, and SH-1S were rejected due to surrogate failures. Some results for VOC, SVOC, and EPH were qualified as estimated for MS/MSD irregularities. Most of those irregularities were probably a consequence of the highly contaminated nature of the samples, which required dilutions of many samples. Similar problems may exist in other samples A few 1,2,4-trichlorobenzene results were also qualified for LCS recovery irregularities. Some VOC results were qualified as estimated because matrix interference caused surrogate recoveries to be outside their QC limits. One result for GRO was qualified due to inadequate preservation and holding time. Almost all results for mercury were qualified as non-detect due to preparation blank contamination. The results may be used as qualified with the data use limitations discussed earlier in this report.

Please call me at (678) 775-3104 if you have any questions regarding this data validation report.

Sincerely,

Jessica Vickers
START III Quality Assurance Manager

Enclosures (2)

cc: Katrina Jones, EPA Project Officer
Darryl Walker, EPA Alternate Project Officer
Angel Reed, Tetra Tech START III Document Control Coordinator

ENCLOSURE 1

FIXED LABORATORY ANALYTICAL RESULTS SHEETS WITH HAND-ENTERED DATA VALIDATION QUALIFIERS FOR COLUMBIA ANALYTICAL SERVICES, INC., REPORT NOS. J0805565 AND J0805578

(98 Pages)

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name: CT-1
Lab Code: J0805565-006

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	100	1.2	5	11/19/08	11/19/08	JWG0804464	
Chloromethane	ND	U	5.0	0.85	5	11/19/08	11/19/08	JWG0804464	
Vinyl Chloride	ND	U	5.0	1.3	5	11/19/08	11/19/08	JWG0804464	
Bromomethane	ND	U J	5.0	0.70	5	11/19/08	11/19/08	JWG0804464	
Chloroethane	ND	U	25	0.95	5	11/19/08	11/19/08	JWG0804464	
Trichlorofluoromethane	ND	U	100	1.3	5	11/19/08	11/19/08	JWG0804464	
Trichlorotrifluoroethane	ND	U	100	1.2	5	11/19/08	11/19/08	JWG0804464	
1,1-Dichloroethene	ND	U	5.0	0.80	5	11/19/08	11/19/08	JWG0804464	
Acetone	**28**	~~JD~~ J	250	12	5	11/19/08	11/19/08	JWG0804464	
Carbon Disulfide	**6.5**	~~JD~~ J	50	4.2	5	11/19/08	11/19/08	JWG0804464	
Methyl Acetate	ND	U	50	0.65	5	11/19/08	11/19/08	JWG0804464	
Methylene Chloride	ND	U	25	3.6	5	11/19/08	11/19/08	JWG0804464	
trans-1,2-Dichloroethene	ND	U	5.0	0.65	5	11/19/08	11/19/08	JWG0804464	
Methyl tert-Butyl Ether	ND	U	10	0.36	5	11/19/08	11/19/08	JWG0804464	
1,1-Dichloroethane	ND	U	5.0	2.8	5	11/19/08	11/19/08	JWG0804464	
cis-1,2-Dichloroethene	ND	U	5.0	0.60	5	11/19/08	11/19/08	JWG0804464	
2-Butanone (MEK)	ND	U	50	2.8	5	11/19/08	11/19/08	JWG0804464	
Chloroform	ND	U	5.0	0.50	5	11/19/08	11/19/08	JWG0804464	
1,1,1-Trichloroethane (TCA)	ND	U	5.0	1.1	5	11/19/08	11/19/08	JWG0804464	
Cyclohexane	ND	U	50	0.50	5	11/19/08	11/19/08	JWG0804464	
Carbon Tetrachloride	ND	U	5.0	0.90	5	11/19/08	11/19/08	JWG0804464	
Benzene	**12**	~~D~~	5.0	2.6	5	11/19/08	11/19/08	JWG0804464	
1,2-Dichloroethane (EDC)	ND	U	5.0	0.75	5	11/19/08	11/19/08	JWG0804464	
Trichloroethene (TCE)	ND	U	5.0	0.75	5	11/19/08	11/19/08	JWG0804464	
Methylcyclohexane	ND	U	50	1.0	5	11/19/08	11/19/08	JWG0804464	
1,2-Dichloropropane	ND	U	5.0	0.29	5	11/19/08	11/19/08	JWG0804464	
Bromodichloromethane	ND	U	5.0	0.50	5	11/19/08	11/19/08	JWG0804464	
cis-1,3-Dichloropropene	ND	U	5.0	0.60	5	11/19/08	11/19/08	JWG0804464	
4-Methyl-2-pentanone (MIBK)	**8.5**	~~JD~~ J	130	1.9	5	11/19/08	11/19/08	JWG0804464	
Toluene	ND	U	5.0	2.6	5	11/19/08	11/19/08	JWG0804464	
trans-1,3-Dichloropropene	ND	U	5.0	0.60	5	11/19/08	11/19/08	JWG0804464	
1,1,2-Trichloroethane	ND	U	5.0	1.1	5	11/19/08	11/19/08	JWG0804464	
Tetrachloroethene (PCE)	ND	U	5.0	1.1	5	11/19/08	11/19/08	JWG0804464	

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name: CT-1
Lab Code: J0805565-006

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2-Hexanone	ND	U	130	1.8	5	11/19/08	11/19/08	JWG0804464	
Dibromochloromethane	ND	U	5.0	0.55	5	11/19/08	11/19/08	JWG0804464	
1,2-Dibromoethane (EDB)	ND	U	5.0	0.90	5	11/19/08	11/19/08	JWG0804464	
Chlorobenzene	ND	U	5.0	0.75	5	11/19/08	11/19/08	JWG0804464	
Ethylbenzene	**0.76**	~~JB~~ J	5.0	0.50	5	11/19/08	11/19/08	JWG0804464	
m,p-Xylenes	**2.8**	~~JB~~ J	10	1.1	5	11/19/08	11/19/08	JWG0804464	
o-Xylene	**1.6**	~~JB~~ J	5.0	0.50	5	11/19/08	11/19/08	JWG0804464	
Styrene	ND	U	5.0	0.26	5	11/19/08	11/19/08	JWG0804464	
Bromoform	ND	U	10	0.60	5	11/19/08	11/19/08	JWG0804464	
Isopropylbenzene	ND	U	5.0	0.70	5	11/19/08	11/19/08	JWG0804464	
1,1,2,2-Tetrachloroethane	ND	U	5.0	0.75	5	11/19/08	11/19/08	JWG0804464	
1,3-Dichlorobenzene	ND	U	5.0	0.70	5	11/19/08	11/19/08	JWG0804464	
1,4-Dichlorobenzene	ND	U	5.0	0.70	5	11/19/08	11/19/08	JWG0804464	
1,2-Dichlorobenzene	ND	U	5.0	0.85	5	11/19/08	11/19/08	JWG0804464	
1,2-Dibromo-3-chloropropane (DBCP	ND	U	25	1.3	5	11/19/08	11/19/08	JWG0804464	
1,2,4-Trichlorobenzene	ND	UJ	50	1.5	5	11/19/08	11/19/08	JWG0804464	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	96	71-122	11/19/08	Acceptable
4-Bromofluorobenzene	97	75-120	11/19/08	Acceptable
Dibromofluoromethane	93	82-116	11/19/08	Acceptable
Toluene-d8	98	88-117	11/19/08	Acceptable

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: CT-1
Lab Code: J0805565-006

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: ug/L
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzaldehyde	ND	U	76	22	5	11/18/08	12/01/08	JWG0804427	
N-Nitrosodiphenylamine†	ND	UJ	38	7.3	5	11/18/08	12/01/08	JWG0804427	
Bis(2-chloroethyl) Ether	ND	U	38	7.3	5	11/18/08	12/01/08	JWG0804427	
Phenol	ND	U	38	3.2	5	11/18/08	12/01/08	JWG0804427	
2-Chlorophenol	ND	U	38	5.7	5	11/18/08	12/01/08	JWG0804427	
Bis(2-chloroisopropyl) Ether	ND	U	38	4.4	5	11/18/08	12/01/08	JWG0804427	
2-Methylphenol	ND	U	38	4.9	5	11/18/08	12/01/08	JWG0804427	
Acetophenone	ND	U	76	9.9	5	11/18/08	12/01/08	JWG0804427	
Hexachloroethane	ND	U	38	7.0	5	11/18/08	12/01/08	JWG0804427	
N-Nitrosodi-n-propylamine	ND	U	38	5.2	5	11/18/08	12/01/08	JWG0804427	
4-Methylphenol†	ND	U	38	5.9	5	11/18/08	12/01/08	JWG0804427	
Nitrobenzene	ND	U	38	5.6	5	11/18/08	12/01/08	JWG0804427	
Isophorone	ND	U	38	6.1	5	11/18/08	12/01/08	JWG0804427	
2-Nitrophenol	ND	U	160	4.6	5	11/18/08	12/01/08	JWG0804427	
2,4-Dimethylphenol	ND	U	38	6.0	5	11/18/08	12/01/08	JWG0804427	
bis(2-Chloroethoxy)methane	ND	U	38	6.8	5	11/18/08	12/01/08	JWG0804427	
2,4-Dichlorophenol	ND	U	38	3.8	5	11/18/08	12/01/08	JWG0804427	
Naphthalene	ND	U	38	6.0	5	11/18/08	12/01/08	JWG0804427	
4-Chloroaniline	ND	U	38	4.1	5	11/18/08	12/01/08	JWG0804427	
Hexachlorobutadiene	ND	U	38	4.7	5	11/18/08	12/01/08	JWG0804427	
4-Chloro-3-methylphenol	ND	U	38	5.7	5	11/18/08	12/01/08	JWG0804427	
Caprolactam	ND	U	51	9.9	5	11/18/08	12/01/08	JWG0804427	
2-Methylnaphthalene	ND	U	38	5.7	5	11/18/08	12/01/08	JWG0804427	
Hexachlorocyclopentadiene	ND	UJ	38	3.2	5	11/18/08	12/01/08	JWG0804427	
2,4,6-Trichlorophenol	ND	U	38	5.6	5	11/18/08	12/01/08	JWG0804427	
2,4,5-Trichlorophenol	ND	U	38	5.0	5	11/18/08	12/01/08	JWG0804427	
2-Chloronaphthalene	ND	UJ	38	5.4	5	11/18/08	12/01/08	JWG0804427	
2-Nitroaniline	ND	U	38	4.2	5	11/18/08	12/01/08	JWG0804427	
Biphenyl	ND	U	76	4.7	5	11/18/08	12/01/08	JWG0804427	
Acenaphthylene	ND	U	38	4.4	5	11/18/08	12/01/08	JWG0804427	
Dimethyl Phthalate	ND	U	38	5.8	5	11/18/08	12/01/08	JWG0804427	
2,6-Dinitrotoluene	ND	U	38	6.3	5	11/18/08	12/01/08	JWG0804427	
Acenaphthene	ND	UJ	38	7.5	5	11/18/08	12/01/08	JWG0804427	
3-Nitroaniline	ND	U	38	5.7	5	11/18/08	12/01/08	JWG0804427	

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: CT-1
Lab Code: J0805565-006

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: ug/L
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,4-Dinitrophenol	ND	U	160	4.1	5	11/18/08	12/01/08	JWG0804427	
Dibenzofuran	ND	U	38	6.0	5	11/18/08	12/01/08	JWG0804427	
4-Nitrophenol	ND	U	160	7.1	5	11/18/08	12/01/08	JWG0804427	
2,4-Dinitrotoluene	ND	U	38	32	5	11/18/08	12/01/08	JWG0804427	
Fluorene	ND	UJ	38	6.7	5	11/18/08	12/01/08	JWG0804427	
4-Chlorophenyl Phenyl Ether	ND	U	38	4.7	5	11/18/08	12/01/08	JWG0804427	
Diethyl Phthalate	ND	UJ	38	32	5	11/18/08	12/01/08	JWG0804427	
4-Nitroaniline	ND	U	38	7.0	5	11/18/08	12/01/08	JWG0804427	*
2-Methyl-4,6-dinitrophenol	ND	U	160	4.9	5	11/18/08	12/01/08	JWG0804427	
4-Bromophenyl Phenyl Ether	ND	U	38	5.1	5	11/18/08	12/01/08	JWG0804427	
Hexachlorobenzene	ND	U	38	4.8	5	11/18/08	12/01/08	JWG0804427	
Pentachlorophenol	ND	U	160	5.1	5	11/18/08	12/01/08	JWG0804427	
Phenanthrene	**11**	~~JD~~ J-	38	5.4	5	11/18/08	12/01/08	JWG0804427	
Anthracene	ND	UJ	38	5.4	5	11/18/08	12/01/08	JWG0804427	
Atrazine	ND	U	76	6.5	5	11/18/08	12/01/08	JWG0804427	
Carbazole	ND	U	38	5.7	5	11/18/08	12/01/08	JWG0804427	
Di-n-butyl Phthalate	ND	U	38	7.4	5	11/18/08	12/01/08	JWG0804427	
Fluoranthene	**27**	~~JD~~ J-	38	5.0	5	11/18/08	12/01/08	JWG0804427	
Pyrene	**7.1**	~~JD~~ J-	38	6.4	5	11/18/08	12/01/08	JWG0804427	
Butyl Benzyl Phthalate	ND	UJ	76	8.4	5	11/18/08	12/01/08	JWG0804427	
3,3'-Dichlorobenzidine	ND	UJ	160	6.8	5	11/18/08	12/01/08	JWG0804427	
Benz(a)anthracene	ND	UJ	38	6.6	5	11/18/08	12/01/08	JWG0804427	
Chrysene	**8.9**	~~JD~~ J-	38	6.6	5	11/18/08	12/01/08	JWG0804427	
Bis(2-ethylhexyl) Phthalate	ND	UJ	38	7.5	5	11/18/08	12/01/08	JWG0804427	
Di-n-octyl Phthalate	ND	UJ	38	7.2	5	11/18/08	12/01/08	JWG0804427	
Benzo(b)fluoranthene	ND	UJ	38	6.6	5	11/18/08	12/01/08	JWG0804427	*
Benzo(k)fluoranthene	**4.5**	~~JD~~ J-	38	4.1	5	11/18/08	12/01/08	JWG0804427	*
Benzo(a)pyrene	ND	UJ	38	4.8	5	11/18/08	12/01/08	JWG0804427	*
Indeno(1,2,3-cd)pyrene	ND	UJ	38	4.2	5	11/18/08	12/01/08	JWG0804427	*
Dibenz(a,h)anthracene	ND	UJ	38	4.7	5	11/18/08	12/01/08	JWG0804427	*
Benzo(g,h,i)perylene	ND	UJ	38	6.9	5	11/18/08	12/01/08	JWG0804427	*

* See Case Narrative

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Polychlorinated Biphenyls (PCB Aroclors) by GC-ECD

Sample Name: CT-1
Lab Code: J0805565-006

Units: ug/L
Basis: NA

Extraction Method: EPA 3510C
Analysis Method: 8082

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Aroclor 1016	ND	U	0.53	0.14	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1221	ND	U	0.53	0.23	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1232	ND	U	0.53	0.24	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1242	ND	U	0.53	0.13	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1248	ND	U	0.53	0.28	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1254	ND	U	0.53	0.39	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1260	ND	U	0.53	0.18	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1262	ND	U	0.53	0.18	1	11/16/08	11/25/08	JWG0804384	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Decachlorobiphenyl	95	24-120	11/25/08	Acceptable

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Comments:

ORGANIC ANALYSIS DATA SHEET

EPA 8015B

B807024-06 (J0805565-006)

CT-1

Laboratory:	ENCO Cary		SDG:		
Client:	Columbia Analytical Svcs.		Project:	J0805565	
Matrix:	Water	Laboratory ID:	B807024-06	File ID:	2L1a008-20081201-150240-0
Sampled:	11/11/08 13:15	Prepared:	11/24/08 09:51	Analyzed:	12/01/08 14:37
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	8K24011	Sequence: CA05132	Calibration:	0811119	Instrument: CVGCPID1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q	MDL	MRL
NA	GRO (C6-C10)	1	0.06	J-	0.009	0.06

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
2,5-Dibromotoluene	0.100	0.111	111	70 - 130	

* Values outside of QC limits

01/19/09

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Water	**Date Received:**	11/14/2008

Diesel Range Organics (DRO) by GC

Sample Name:	CT-1	**Units:**	mg/L
Lab Code:	J0805565-006	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8015B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C10 - C28 DRO	**6.8**	J	0.22	0.047	1	11/18/08	11/25/08	JWG0804428	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	132	36-136	11/25/08	Acceptable

gaw
01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

CT-1

Client: Tetra Tech EM, Incorporated

Lab Code: CAS-JAX Project No.: 103DX9017000100 SAS No.: SDG NO.: J0805565

Matrix (soil/water): WATER Lab Sample ID: J0805565-006

Level (low/med): LOW Date Received: 11/14/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.9			MS
7440-39-3	Barium	9.2			MS
7440-43-9	Cadmium	0.5 ~~0.12~~	U		MS
7440-47-3	Chromium	18			MS
7439-92-1	Lead	0.9	~~B~~	J	MS
7439-97-6	Mercury	0.5 ~~0.08~~	U		CV
7782-49-2	Selenium	2.0 ~~0.7~~	U		MS
7440-22-4	Silver	0.5 ~~0.08~~	U		MS

01/19/09

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Tetra Tech EM, Incorporated
Project Name : Seven Out
Project Number : 103DX901700010076
Sample Matrix : WATER

Service Request : J0805565
Date Collected : 11/11/08
Date Received : 11/14/08

Inorganic Parameters

Sample Name : CT-1
Lab Code : J0805565-006
Test Notes :

Basis : NA

Analyte	Units	Analysis Method	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
Corrosivity	pH UNITS	9040B	-	-	1	11/14/08 16:00	7.5	
Flash Point	DEG F	1020A	70	70	1	11/18/08 10:00	>200	

01/19/09

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name: CT-5
Lab Code: J0805565-004

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	100	1.2	5	11/19/08	11/19/08	JWG0804464	
Chloromethane	ND	U	5.0	0.85	5	11/19/08	11/19/08	JWG0804464	
Vinyl Chloride	ND	U	5.0	1.3	5	11/19/08	11/19/08	JWG0804464	
Bromomethane	ND	U	5.0	0.70	5	11/19/08	11/19/08	JWG0804464	
Chloroethane	ND	U	25	0.95	5	11/19/08	11/19/08	JWG0804464	
Trichlorofluoromethane	ND	U	100	1.3	5	11/19/08	11/19/08	JWG0804464	
Trichlorotrifluoroethane	ND	U	100	1.2	5	11/19/08	11/19/08	JWG0804464	
1,1-Dichloroethene	ND	U	5.0	0.80	5	11/19/08	11/19/08	JWG0804464	
Acetone	**19**	~~JD~~ J	250	12	5	11/19/08	11/19/08	JWG0804464	
Carbon Disulfide	ND	U	50	4.2	5	11/19/08	11/19/08	JWG0804464	
Methyl Acetate	ND	U	50	0.65	5	11/19/08	11/19/08	JWG0804464	
Methylene Chloride	ND	U	25	3.6	5	11/19/08	11/19/08	JWG0804464	
trans-1,2-Dichloroethene	ND	U	5.0	0.65	5	11/19/08	11/19/08	JWG0804464	
Methyl tert-Butyl Ether	ND	U	10	0.36	5	11/19/08	11/19/08	JWG0804464	
1,1-Dichloroethane	ND	U	5.0	2.8	5	11/19/08	11/19/08	JWG0804464	
cis-1,2-Dichloroethene	ND	U	5.0	0.60	5	11/19/08	11/19/08	JWG0804464	
2-Butanone (MEK)	ND	U	50	2.8	5	11/19/08	11/19/08	JWG0804464	
Chloroform	ND	U	5.0	0.50	5	11/19/08	11/19/08	JWG0804464	
1,1,1-Trichloroethane (TCA)	ND	U	5.0	1.1	5	11/19/08	11/19/08	JWG0804464	
Cyclohexane	ND	U	50	0.50	5	11/19/08	11/19/08	JWG0804464	
Carbon Tetrachloride	ND	U	5.0	0.90	5	11/19/08	11/19/08	JWG0804464	
Benzene	**5.2**	~~D~~	5.0	2.6	5	11/19/08	11/19/08	JWG0804464	
1,2-Dichloroethane (EDC)	ND	U	5.0	0.75	5	11/19/08	11/19/08	JWG0804464	
Trichloroethene (TCE)	ND	U	5.0	0.75	5	11/19/08	11/19/08	JWG0804464	
Methylcyclohexane	ND	U	50	1.0	5	11/19/08	11/19/08	JWG0804464	
1,2-Dichloropropane	ND	U	5.0	0.29	5	11/19/08	11/19/08	JWG0804464	
Bromodichloromethane	ND	U	5.0	0.50	5	11/19/08	11/19/08	JWG0804464	
cis-1,3-Dichloropropene	ND	U	5.0	0.60	5	11/19/08	11/19/08	JWG0804464	
4-Methyl-2-pentanone (MIBK)	ND	U	130	1.9	5	11/19/08	11/19/08	JWG0804464	
Toluene	ND	U	5.0	2.6	5	11/19/08	11/19/08	JWG0804464	
trans-1,3-Dichloropropene	ND	U	5.0	0.60	5	11/19/08	11/19/08	JWG0804464	
1,1,2-Trichloroethane	ND	U	5.0	1.1	5	11/19/08	11/19/08	JWG0804464	
Tetrachloroethene (PCE)	ND	U	5.0	1.1	5	11/19/08	11/19/08	JWG0804464	

JAW 01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Water	**Date Received:**	11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	CT-5	**Units:**	ug/L
Lab Code:	J0805565-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2-Hexanone	ND	U	130	1.8	5	11/19/08	11/19/08	JWG0804464	
Dibromochloromethane	ND	U	5.0	0.55	5	11/19/08	11/19/08	JWG0804464	
1,2-Dibromoethane (EDB)	ND	U	5.0	0.90	5	11/19/08	11/19/08	JWG0804464	
Chlorobenzene	ND	U	5.0	0.75	5	11/19/08	11/19/08	JWG0804464	
Ethylbenzene	ND	U	5.0	0.50	5	11/19/08	11/19/08	JWG0804464	
m,p-Xylenes	ND	U	10	1.1	5	11/19/08	11/19/08	JWG0804464	
o-Xylene	**0.68**	~~JB~~ J	5.0	0.50	5	11/19/08	11/19/08	JWG0804464	
Styrene	ND	U	5.0	0.26	5	11/19/08	11/19/08	JWG0804464	
Bromoform	ND	U	10	0.60	5	11/19/08	11/19/08	JWG0804464	
Isopropylbenzene	ND	U	5.0	0.70	5	11/19/08	11/19/08	JWG0804464	
1,1,2,2-Tetrachloroethane	ND	U	5.0	0.75	5	11/19/08	11/19/08	JWG0804464	
1,3-Dichlorobenzene	ND	U	5.0	0.70	5	11/19/08	11/19/08	JWG0804464	
1,4-Dichlorobenzene	ND	U	5.0	0.70	5	11/19/08	11/19/08	JWG0804464	
1,2-Dichlorobenzene	ND	U	5.0	0.85	5	11/19/08	11/19/08	JWG0804464	
1,2-Dibromo-3-chloropropane (DBCP	ND	U	25	1.3	5	11/19/08	11/19/08	JWG0804464	
1,2,4-Trichlorobenzene	ND	UJ	50	1.5	5	11/19/08	11/19/08	JWG0804464	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	98	71-122	11/19/08	Acceptable
4-Bromofluorobenzene	101	75-120	11/19/08	Acceptable
Dibromofluoromethane	94	82-116	11/19/08	Acceptable
Toluene-d8	98	88-117	11/19/08	Acceptable

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01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: CT-5
Lab Code: J0805565-004

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: ug/L
Basis: NA
Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzaldehyde	ND	U	82	24	5	11/18/08	12/01/08	JWG0804427	
N-Nitrosodiphenylamine†	ND	U	41	7.9	5	11/18/08	12/01/08	JWG0804427	
Bis(2-chloroethyl) Ether	ND	U	41	7.9	5	11/18/08	12/01/08	JWG0804427	
Phenol	ND	U	41	3.5	5	11/18/08	12/01/08	JWG0804427	
2-Chlorophenol	ND	U	41	6.2	5	11/18/08	12/01/08	JWG0804427	
Bis(2-chloroisopropyl) Ether	ND	U	41	4.7	5	11/18/08	12/01/08	JWG0804427	
2-Methylphenol	ND	U	41	5.3	5	11/18/08	12/01/08	JWG0804427	
Acetophenone	ND	U	82	11	5	11/18/08	12/01/08	JWG0804427	
Hexachloroethane	ND	U	41	7.6	5	11/18/08	12/01/08	JWG0804427	
N-Nitrosodi-n-propylamine	ND	U	41	5.6	5	11/18/08	12/01/08	JWG0804427	
4-Methylphenol†	ND	U	41	6.4	5	11/18/08	12/01/08	JWG0804427	
Nitrobenzene	ND	U	41	6.0	5	11/18/08	12/01/08	JWG0804427	
Isophorone	ND	U	41	6.6	5	11/18/08	12/01/08	JWG0804427	
2-Nitrophenol	ND	U	170	5.0	5	11/18/08	12/01/08	JWG0804427	
2,4-Dimethylphenol	ND	U	41	6.5	5	11/18/08	12/01/08	JWG0804427	
bis(2-Chloroethoxy)methane	ND	U	41	7.3	5	11/18/08	12/01/08	JWG0804427	
2,4-Dichlorophenol	ND	U	41	4.1	5	11/18/08	12/01/08	JWG0804427	
Naphthalene	ND	U	41	6.5	5	11/18/08	12/01/08	JWG0804427	
4-Chloroaniline	ND	U	41	4.4	5	11/18/08	12/01/08	JWG0804427	
Hexachlorobutadiene	ND	U	41	5.1	5	11/18/08	12/01/08	JWG0804427	
4-Chloro-3-methylphenol	ND	U	41	6.2	5	11/18/08	12/01/08	JWG0804427	
Caprolactam	ND	U	55	11	5	11/18/08	12/01/08	JWG0804427	
2-Methylnaphthalene	ND	U	41	6.1	5	11/18/08	12/01/08	JWG0804427	
Hexachlorocyclopentadiene	ND	U	41	3.4	5	11/18/08	12/01/08	JWG0804427	
2,4,6-Trichlorophenol	ND	U	41	6.0	5	11/18/08	12/01/08	JWG0804427	
2,4,5-Trichlorophenol	ND	U	41	5.4	5	11/18/08	12/01/08	JWG0804427	
2-Chloronaphthalene	ND	U	41	5.9	5	11/18/08	12/01/08	JWG0804427	
2-Nitroaniline	ND	U	41	4.6	5	11/18/08	12/01/08	JWG0804427	
Biphenyl	ND	U	82	5.1	5	11/18/08	12/01/08	JWG0804427	
Acenaphthylene	ND	U	41	4.8	5	11/18/08	12/01/08	JWG0804427	
Dimethyl Phthalate	ND	U	41	6.3	5	11/18/08	12/01/08	JWG0804427	
2,6-Dinitrotoluene	ND	U	41	6.9	5	11/18/08	12/01/08	JWG0804427	
Acenaphthene	ND	U	41	8.2	5	11/18/08	12/01/08	JWG0804427	
3-Nitroaniline	ND	U	41	6.2	5	11/18/08	12/01/08	JWG0804427	

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Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: CT-5
Lab Code: J0805565-004

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: ug/L
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,4-Dinitrophenol	ND	U	170	4.5	5	11/18/08	12/01/08	JWG0804427	
Dibenzofuran	ND	U	41	6.5	5	11/18/08	12/01/08	JWG0804427	
4-Nitrophenol	ND	U	170	7.7	5	11/18/08	12/01/08	JWG0804427	
2,4-Dinitrotoluene	ND	U	41	34	5	11/18/08	12/01/08	JWG0804427	
Fluorene	ND	U	41	7.3	5	11/18/08	12/01/08	JWG0804427	
4-Chlorophenyl Phenyl Ether	ND	U	41	5.1	5	11/18/08	12/01/08	JWG0804427	
Diethyl Phthalate	ND	U	41	34	5	11/18/08	12/01/08	JWG0804427	
4-Nitroaniline	ND	U	41	7.6	5	11/18/08	12/01/08	JWG0804427	*
2-Methyl-4,6-dinitrophenol	ND	U	170	5.3	5	11/18/08	12/01/08	JWG0804427	
4-Bromophenyl Phenyl Ether	ND	U	41	5.5	5	11/18/08	12/01/08	JWG0804427	
Hexachlorobenzene	ND	U	41	5.2	5	11/18/08	12/01/08	JWG0804427	
Pentachlorophenol	ND	U	170	5.5	5	11/18/08	12/01/08	JWG0804427	
Phenanthrene	**9.9**	~~JD~~ J	41	5.8	5	11/18/08	12/01/08	JWG0804427	
Anthracene	ND	U	41	5.9	5	11/18/08	12/01/08	JWG0804427	
Atrazine	ND	U	82	7.0	5	11/18/08	12/01/08	JWG0804427	
Carbazole	ND	U	41	6.1	5	11/18/08	12/01/08	JWG0804427	
Di-n-butyl Phthalate	ND	U	41	8.0	5	11/18/08	12/01/08	JWG0804427	
Fluoranthene	**37**	~~JD~~ J	41	5.5	5	11/18/08	12/01/08	JWG0804427	
Pyrene	ND	U	41	6.9	5	11/18/08	12/01/08	JWG0804427	
Butyl Benzyl Phthalate	ND	U	82	9.1	5	11/18/08	12/01/08	JWG0804427	
3,3'-Dichlorobenzidine	ND	U	170	7.3	5	11/18/08	12/01/08	JWG0804427	
Benz(a)anthracene	ND	U	41	7.1	5	11/18/08	12/01/08	JWG0804427	
Chrysene	**17**	~~JD~~ J	41	7.2	5	11/18/08	12/01/08	JWG0804427	
Bis(2-ethylhexyl) Phthalate	ND	U	41	8.1	5	11/18/08	12/01/08	JWG0804427	
Di-n-octyl Phthalate	ND	U	41	7.8	5	11/18/08	12/01/08	JWG0804427	
Benzo(b)fluoranthene	**10**	~~JD~~ J	41	7.2	5	11/18/08	12/01/08	JWG0804427	*
Benzo(k)fluoranthene	**8.4**	~~JD~~ J	41	4.5	5	11/18/08	12/01/08	JWG0804427	*
Benzo(a)pyrene	**6.0**	~~JD~~ J	41	5.2	5	11/18/08	12/01/08	JWG0804427	*
Indeno(1,2,3-cd)pyrene	ND	U	41	4.6	5	11/18/08	12/01/08	JWG0804427	*
Dibenz(a,h)anthracene	ND	U	41	5.1	5	11/18/08	12/01/08	JWG0804427	*
Benzo(g,h,i)perylene	ND	U	41	7.5	5	11/18/08	12/01/08	JWG0804427	*

* See Case Narrative

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Polychlorinated Biphenyls (PCB Aroclors) by GC-ECD

Sample Name: CT-5
Lab Code: J0805565-004

Extraction Method: EPA 3510C
Analysis Method: 8082

Units: ug/L
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Aroclor 1016	ND	U	0.53	0.14	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1221	ND	U	0.53	0.23	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1232	ND	U	0.53	0.24	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1242	ND	U	0.53	0.13	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1248	ND	U	0.53	0.28	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1254	ND	U	0.53	0.39	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1260	ND	U	0.53	0.18	1	11/16/08	11/25/08	JWG0804384	
Aroclor 1262	ND	U	0.53	0.18	1	11/16/08	11/25/08	JWG0804384	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Decachlorobiphenyl	33	24-120	11/25/08	Acceptable

01/19/09

Comments:

ORGANIC ANALYSIS DATA SHEET
EPA 8015B

B807024-04 (J0805565-004)

CT-5

Laboratory:	ENCO Cary			SDG:	
Client:	Columbia Analytical Svcs.			Project:	J0805565
Matrix:	Water	Laboratory ID:	B807024-04	File ID:	2L1a007-0
Sampled:	11/11/08 09:35	Prepared:	11/24/08 09:51	Analyzed:	12/01/08 13:16
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL

Batch: 8K24011 Sequence: CA05132 Calibration: 0811119 Instrument: CVGCPID1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q	MDL	MRL
NA	GRO (C6-C10)	1	0.03	J	0.009	0.06

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
2,5-Dibromotoluene	0.100	0.120	120	70 - 130	

* Values outside of QC limits

01/19/09

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Water	**Date Received:**	11/14/2008

Diesel Range Organics (DRO) by GC

Sample Name:	CT-5	**Units:**	mg/L
Lab Code:	J0805565-004	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8015B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C10 - C28 DRO	**330**	~~D~~ C	22	4.6	10	11/18/08	11/25/08	JWG0804428	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	101	36-136	11/25/08	Acceptable

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

CT-5

Client: Tetra Tech EM, Incorporated

Lab Code: CAS-JAX Project No.: 103DX9017000100 SAS No.: SDG NO.: J0805565

Matrix (soil/water): WATER Lab Sample ID: J0805565-004

Level (low/med): LOW Date Received: 11/14/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.8			MS
7440-39-3	Barium	34			MS
7440-43-9	Cadmium	0.5 ~~0.12~~	U		MS
7440-47-3	Chromium	13			MS
7439-92-1	Lead	0.4	~~B~~	J	MS
7439-97-6	Mercury	0.5 ~~0.08~~	U		CV
7782-49-2	Selenium	2.0 ~~0.7~~	U		MS
7440-22-4	Silver	0.5 ~~0.08~~	U		MS

01/19/09

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Tetra Tech EM, Incorporated
Project Name : Seven Out
Project Number : 103DX901700010076
Sample Matrix : WATER

Service Request : J0805565
Date Collected : 11/11/08
Date Received : 11/14/08

Inorganic Parameters

Sample Name : CT-5
Lab Code : J0805565-004
Test Notes :

Basis : NA

Analyte	Units	Analysis Method	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
Corrosivity	pH UNITS	9040B	-	-	1	11/14/08 16:00	7.7	
Flash Point	DEG F	1020A	70	70	1	11/18/08 10:00	>200	

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01/19/09

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805578
Date Collected: 11/14/2008
Date Received: 11/15/2008

Volatile Organic Compounds by GC/MS

Sample Name: SH-4
Lab Code: J0805578-004

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	100	1.2	5	11/19/08	11/19/08	JWG0804464	
Chloromethane	ND	U	5.0	0.85	5	11/19/08	11/19/08	JWG0804464	
Vinyl Chloride	ND	U	5.0	1.3	5	11/19/08	11/19/08	JWG0804464	
Bromomethane	ND	U	5.0	0.70	5	11/19/08	11/19/08	JWG0804464	
Chloroethane	ND	U	25	0.95	5	11/19/08	11/19/08	JWG0804464	
Trichlorofluoromethane	ND	U	100	1.3	5	11/19/08	11/19/08	JWG0804464	
Trichlorotrifluoroethane	ND	U	100	1.2	5	11/19/08	11/19/08	JWG0804464	
1,1-Dichloroethene	ND	U	5.0	0.80	5	11/19/08	11/19/08	JWG0804464	
Acetone	**350000**	~~D~~	25000	1200	500	11/21/08	11/21/08	JWG0804496	
Carbon Disulfide	**51**	~~D~~	50	4.2	5	11/19/08	11/19/08	JWG0804464	
Methyl Acetate	ND	U	50	0.65	5	11/19/08	11/19/08	JWG0804464	
Methylene Chloride	**44**	~~D~~	25	3.6	5	11/19/08	11/19/08	JWG0804464	
trans-1,2-Dichloroethene	ND	U	5.0	0.65	5	11/19/08	11/19/08	JWG0804464	
Methyl tert-Butyl Ether	**230**	~~D~~	10	0.36	5	11/19/08	11/19/08	JWG0804464	
1,1-Dichloroethane	ND	U	5.0	2.8	5	11/19/08	11/19/08	JWG0804464	
cis-1,2-Dichloroethene	ND	U	5.0	0.60	5	11/19/08	11/19/08	JWG0804464	
2-Butanone (MEK)	**3300**	~~D~~	50	2.8	5	11/19/08	11/19/08	JWG0804464	
Chloroform	ND	U	5.0	0.50	5	11/19/08	11/19/08	JWG0804464	
1,1,1-Trichloroethane (TCA)	ND	U	5.0	1.1	5	11/19/08	11/19/08	JWG0804464	
Cyclohexane	ND	U	50	0.50	5	11/19/08	11/19/08	JWG0804464	
Carbon Tetrachloride	ND	U	5.0	0.90	5	11/19/08	11/19/08	JWG0804464	
Benzene	**490**	~~D~~	5.0	2.6	5	11/19/08	11/19/08	JWG0804464	
1,2-Dichloroethane (EDC)	ND	U	5.0	0.75	5	11/19/08	11/19/08	JWG0804464	
Trichloroethene (TCE)	ND	U	5.0	0.75	5	11/19/08	11/19/08	JWG0804464	
Methylcyclohexane	ND	U	50	1.0	5	11/19/08	11/19/08	JWG0804464	
1,2-Dichloropropane	ND	U	5.0	0.29	5	11/19/08	11/19/08	JWG0804464	
Bromodichloromethane	ND	U	5.0	0.50	5	11/19/08	11/19/08	JWG0804464	
cis-1,3-Dichloropropene	ND	U	5.0	0.60	5	11/19/08	11/19/08	JWG0804464	
4-Methyl-2-pentanone (MIBK)	**360**	~~D~~	130	1.9	5	11/19/08	11/19/08	JWG0804464	
Toluene	**27**	~~D~~	5.0	2.6	5	11/19/08	11/19/08	JWG0804464	
trans-1,3-Dichloropropene	ND	U	5.0	0.60	5	11/19/08	11/19/08	JWG0804464	
1,1,2-Trichloroethane	ND	U	5.0	1.1	5	11/19/08	11/19/08	JWG0804464	
Tetrachloroethene (PCE)	ND	U	5.0	1.1	5	11/19/08	11/19/08	JWG0804464	

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/14/2008
Sample Matrix:	Water	**Date Received:**	11/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	SH-4	**Units:**	ug/L
Lab Code:	J0805578-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2-Hexanone	**24**	~~JD~~ J	130	1.8	5	11/19/08	11/19/08	JWG0804464	
Dibromochloromethane	ND	U	5.0	0.55	5	11/19/08	11/19/08	JWG0804464	
1,2-Dibromoethane (EDB)	ND	U	5.0	0.90	5	11/19/08	11/19/08	JWG0804464	
Chlorobenzene	**1.6**	~~JD~~ J	5.0	0.75	5	11/19/08	11/19/08	JWG0804464	
Ethylbenzene	**3.3**	~~JD~~ J	5.0	0.50	5	11/19/08	11/19/08	JWG0804464	
m,p-Xylenes	**11**	~~D~~	10	1.1	5	11/19/08	11/19/08	JWG0804464	
o-Xylene	**6.5**	~~D~~	5.0	0.50	5	11/19/08	11/19/08	JWG0804464	
Styrene	ND	U	5.0	0.26	5	11/19/08	11/19/08	JWG0804464	
Bromoform	ND	U	10	0.60	5	11/19/08	11/19/08	JWG0804464	
Isopropylbenzene	ND	U	5.0	0.70	5	11/19/08	11/19/08	JWG0804464	
1,1,2,2-Tetrachloroethane	ND	U	5.0	0.75	5	11/19/08	11/19/08	JWG0804464	
1,3-Dichlorobenzene	ND	U	5.0	0.70	5	11/19/08	11/19/08	JWG0804464	
1,4-Dichlorobenzene	ND	U	5.0	0.70	5	11/19/08	11/19/08	JWG0804464	
1,2-Dichlorobenzene	ND	U	5.0	0.85	5	11/19/08	11/19/08	JWG0804464	
1,2-Dibromo-3-chloropropane (DBCP	ND	U	25	1.3	5	11/19/08	11/19/08	JWG0804464	
1,2,4-Trichlorobenzene	ND	UJ	50	1.5	5	11/19/08	11/19/08	JWG0804464	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	100	71-122	11/19/08	Acceptable
4-Bromofluorobenzene	97	75-120	11/19/08	Acceptable
Dibromofluoromethane	93	82-116	11/19/08	Acceptable
Toluene-d8	94	88-117	11/19/08	Acceptable

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805578
Date Collected: 11/14/2008
Date Received: 11/15/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: SH-4
Lab Code: J0805578-004

Extraction Method: EPA 3510C
Analysis Method: 8270C

Units: ug/L
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzaldehyde	ND	U	1100	310	50	11/18/08	11/19/08	JWG0804427	
N-Nitrosodiphenylamine†	ND	U	540	110	50	11/18/08	11/19/08	JWG0804427	
Bis(2-chloroethyl) Ether	ND	U	540	110	50	11/18/08	11/19/08	JWG0804427	
Phenol	**7700**	~~D~~	540	45	50	11/18/08	11/19/08	JWG0804427	
2-Chlorophenol	ND	U	540	80	50	11/18/08	11/19/08	JWG0804427	
Bis(2-chloroisopropyl) Ether	ND	U	540	61	50	11/18/08	11/19/08	JWG0804427	
2-Methylphenol	ND	U	540	69	50	11/18/08	11/19/08	JWG0804427	
Acetophenone	ND	U	1100	140	50	11/18/08	11/19/08	JWG0804427	
Hexachloroethane	ND	U	540	98	50	11/18/08	11/19/08	JWG0804427	
N-Nitrosodi-n-propylamine	ND	U	540	73	50	11/18/08	11/19/08	JWG0804427	
4-Methylphenol†	**150**	~~JD~~ J	540	82	50	11/18/08	11/19/08	JWG0804427	
Nitrobenzene	ND	U	540	78	50	11/18/08	11/19/08	JWG0804427	
Isophorone	**410**	~~JD~~ J	540	86	50	11/18/08	11/19/08	JWG0804427	
2-Nitrophenol	ND	U	2200	64	50	11/18/08	11/19/08	JWG0804427	
2,4-Dimethylphenol	ND	U	540	85	50	11/18/08	11/19/08	JWG0804427	
bis(2-Chloroethoxy)methane	ND	U	540	95	50	11/18/08	11/19/08	JWG0804427	
2,4-Dichlorophenol	ND	U	540	54	50	11/18/08	11/19/08	JWG0804427	
Naphthalene	ND	U	540	85	50	11/18/08	11/19/08	JWG0804427	
4-Chloroaniline	ND	U	540	57	50	11/18/08	11/19/08	JWG0804427	
Hexachlorobutadiene	ND	U	540	65	50	11/18/08	11/19/08	JWG0804427	
4-Chloro-3-methylphenol	**380**	~~JD~~ J	540	80	50	11/18/08	11/19/08	JWG0804427	
Caprolactam	ND	U	720	140	50	11/18/08	11/19/08	JWG0804427	
2-Methylnaphthalene	ND	U	540	79	50	11/18/08	11/19/08	JWG0804427	
Hexachlorocyclopentadiene	ND	U	540	44	50	11/18/08	11/19/08	JWG0804427	
2,4,6-Trichlorophenol	ND	U	540	78	50	11/18/08	11/19/08	JWG0804427	
2,4,5-Trichlorophenol	ND	U	540	70	50	11/18/08	11/19/08	JWG0804427	
2-Chloronaphthalene	ND	U	540	76	50	11/18/08	11/19/08	JWG0804427	
2-Nitroaniline	ND	U	540	59	50	11/18/08	11/19/08	JWG0804427	
Biphenyl	ND	U	1100	65	50	11/18/08	11/19/08	JWG0804427	
Acenaphthylene	ND	U	540	62	50	11/18/08	11/19/08	JWG0804427	
Dimethyl Phthalate	ND	U	540	81	50	11/18/08	11/19/08	JWG0804427	
2,6-Dinitrotoluene	ND	U	540	89	50	11/18/08	11/19/08	JWG0804427	
Acenaphthene	ND	U	540	110	50	11/18/08	11/19/08	JWG0804427	
3-Nitroaniline	ND	U	540	80	50	11/18/08	11/19/08	JWG0804427	

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Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805578
Date Collected: 11/14/2008
Date Received: 11/15/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: SH-4
Lab Code: J0805578-004

Units: ug/L
Basis: NA

Extraction Method: EPA 3510C
Analysis Method: 8270C

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,4-Dinitrophenol	ND	U	2200	58	50	11/18/08	11/19/08	JWG0804427	
Dibenzofuran	ND	U	540	85	50	11/18/08	11/19/08	JWG0804427	
4-Nitrophenol	ND	U	2200	99	50	11/18/08	11/19/08	JWG0804427	
2,4-Dinitrotoluene	ND	U	540	440	50	11/18/08	11/19/08	JWG0804427	
Fluorene	ND	U	540	94	50	11/18/08	11/19/08	JWG0804427	
4-Chlorophenyl Phenyl Ether	ND	U	540	65	50	11/18/08	11/19/08	JWG0804427	
Diethyl Phthalate	ND	U	540	440	50	11/18/08	11/19/08	JWG0804427	
4-Nitroaniline	ND	U	540	98	50	11/18/08	11/19/08	JWG0804427	*
2-Methyl-4,6-dinitrophenol	ND	U	2200	69	50	11/18/08	11/19/08	JWG0804427	
4-Bromophenyl Phenyl Ether	ND	U	540	72	50	11/18/08	11/19/08	JWG0804427	
Hexachlorobenzene	ND	U	540	68	50	11/18/08	11/19/08	JWG0804427	
Pentachlorophenol	ND	U	2200	72	50	11/18/08	11/19/08	JWG0804427	
Phenanthrene	ND	U	540	75	50	11/18/08	11/19/08	JWG0804427	
Anthracene	ND	U	540	76	50	11/18/08	11/19/08	JWG0804427	
Atrazine	ND	U	1100	91	50	11/18/08	11/19/08	JWG0804427	
Carbazole	ND	U	540	79	50	11/18/08	11/19/08	JWG0804427	
Di-n-butyl Phthalate	ND	U	540	110	50	11/18/08	11/19/08	JWG0804427	
Fluoranthene	ND	U	540	71	50	11/18/08	11/19/08	JWG0804427	
Pyrene	ND	U	540	90	50	11/18/08	11/19/08	JWG0804427	
Butyl Benzyl Phthalate	ND	U	1100	120	50	11/18/08	11/19/08	JWG0804427	
3,3'-Dichlorobenzidine	ND	U	2200	95	50	11/18/08	11/19/08	JWG0804427	
Benz(a)anthracene	ND	U	540	92	50	11/18/08	11/19/08	JWG0804427	
Chrysene	ND	U	540	93	50	11/18/08	11/19/08	JWG0804427	
Bis(2-ethylhexyl) Phthalate	ND	U	540	110	50	11/18/08	11/19/08	JWG0804427	
Di-n-octyl Phthalate	ND	U	540	110	50	11/18/08	11/19/08	JWG0804427	
Benzo(b)fluoranthene	ND	U	540	93	50	11/18/08	11/19/08	JWG0804427	
Benzo(k)fluoranthene	ND	U	540	58	50	11/18/08	11/19/08	JWG0804427	
Benzo(a)pyrene	ND	U	540	68	50	11/18/08	11/19/08	JWG0804427	
Indeno(1,2,3-cd)pyrene	ND	U	540	59	50	11/18/08	11/19/08	JWG0804427	
Dibenz(a,h)anthracene	ND	U	540	66	50	11/18/08	11/19/08	JWG0804427	
Benzo(g,h,i)perylene	ND	U	540	97	50	11/18/08	11/19/08	JWG0804427	

* See Case Narrative

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/14/2008
Sample Matrix:	Water	**Date Received:**	11/15/2008

Polychlorinated Biphenyls (PCB Aroclors) by GC-ECD

Sample Name:	SH-4	**Units:**	ug/L
Lab Code:	J0805578-004	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8082		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Aroclor 1016	ND	U	0.73	0.19	1	11/19/08	11/25/08	JWG0804457	
Aroclor 1221	ND	U	0.73	0.32	1	11/19/08	11/25/08	JWG0804457	
Aroclor 1232	ND	U	0.73	0.34	1	11/19/08	11/25/08	JWG0804457	
Aroclor 1242	ND	U	0.73	0.18	1	11/19/08	11/25/08	JWG0804457	
Aroclor 1248	ND	U	0.73	0.38	1	11/19/08	11/25/08	JWG0804457	
Aroclor 1254	ND	U	0.73	0.54	1	11/19/08	11/25/08	JWG0804457	
Aroclor 1260	ND	U	0.73	0.25	1	11/19/08	11/25/08	JWG0804457	
Aroclor 1262	ND	U	0.73	0.25	1	11/19/08	11/25/08	JWG0804457	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Decachlorobiphenyl	60	24-120	11/25/08	Acceptable

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Comments:

ORGANIC ANALYSIS DATA SHEET

EPA 8015B

J0805578-004

SH-4

Laboratory:	ENCO Cary		SDG:		
Client:	Columbia Analytical Svcs.		Project:	J0805578	
Matrix:	Water	Laboratory ID:	B807025-04	File ID:	2L1a010-0
Sampled:	11/11/08 13:15	Prepared:	11/24/08 09:51	Analyzed:	12/01/08 16:04
Solids:		Preparation:	EPA 5030B	Initial/Final:	5 mL / 5 mL
Batch:	8K24011	Sequence: CA05132	Calibration:	0811119	Instrument: CVGCPID1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q	MDL	MRL
NA	GRO (C6-C10)	20	3.07	~~D~~	0.18	1.10

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
2,5-Dibromotoluene	0.100	0.0806	81	70 - 130	

* Values outside of QC limits

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/14/2008
Sample Matrix:	Water	**Date Received:**	11/15/2008

Diesel Range Organics (DRO) by GC

Sample Name:	SH-4	**Units:**	mg/L
Lab Code:	J0805578-004	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8015B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C10 - C28 DRO	**88**	~~D~~ C	4.3	0.92	10	11/18/08	11/25/08	JWG0804428	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	116	36-136	11/25/08	Acceptable

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SH-4

Client: Tetra Tech EM, Incorporated

Lab Code: CAS-JAX Project No.: 103DX9017000100 SAS No.: SDG NO.: J0805578

Matrix (soil/water): AQUEOUS LIQUID Lab Sample ID: J0805578-004

Level (low/med): LOW Date Received: 11/15/2008

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.4 ~~0.96~~	U		MS
7440-39-3	Barium	9.5 ~~2.4~~	U		MS
7440-43-9	Cadmium	2.4 ~~0.57~~	U		MS
7440-47-3	Chromium	9.5 ~~3.8~~	U		MS
7439-92-1	Lead	4.1			MS
7439-97-6	Mercury	0.004	~~B~~	J	CV
7782-49-2	Selenium	9.5 ~~3.3~~	U		MS
7440-22-4	Silver	2.4 ~~0.38~~	U		MS

gaw
01/19/09

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Tetra Tech EM, Incorporated
Project Name : Seven Out
Project Number : 103DX901700010076
Sample Matrix : WATER

Service Request : J0805578
Date Collected : 11/14/08
Date Received : 11/15/08

Inorganic Parameters

Sample Name : SH-4
Lab Code : J0805578-004
Test Notes :

Basis : NA

Analyte	Units	Analysis Method	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
Corrosivity	pH UNITS	9040B	-	-	1	11/17/08 16:00	7.1	
Flash Point	DEG F	1020A	70	70	1	11/19/08 13:00	>200	

01/19/09

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805578
Date Collected: 11/14/2008
Date Received: 11/15/2008

Volatile Organic Compounds by GC/MS

Sample Name: Trip Blank
Lab Code: J0805578-005

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	20	0.23	1	11/21/08	11/21/08	JWG0804496	
Chloromethane	ND	U	1.0	0.17	1	11/21/08	11/21/08	JWG0804496	
Vinyl Chloride	ND	U	1.0	0.25	1	11/21/08	11/21/08	JWG0804496	
Bromomethane	ND	U	1.0	0.14	1	11/21/08	11/21/08	JWG0804496	
Chloroethane	ND	U	5.0	0.19	1	11/21/08	11/21/08	JWG0804496	
Trichlorofluoromethane	ND	U	20	0.25	1	11/21/08	11/21/08	JWG0804496	
Trichlorotrifluoroethane	ND	U	20	0.23	1	11/21/08	11/21/08	JWG0804496	
1,1-Dichloroethene	ND	U	1.0	0.16	1	11/21/08	11/21/08	JWG0804496	
Acetone	**17**	J	50	2.4	1	11/21/08	11/21/08	JWG0804496	
Carbon Disulfide	ND	U	10	0.84	1	11/21/08	11/21/08	JWG0804496	
Methyl Acetate	ND	U	10	0.13	1	11/21/08	11/21/08	JWG0804496	
Methylene Chloride	ND	U	5.0	0.72	1	11/21/08	11/21/08	JWG0804496	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	11/21/08	11/21/08	JWG0804496	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	11/21/08	11/21/08	JWG0804496	
1,1-Dichloroethane	ND	U	1.0	0.56	1	11/21/08	11/21/08	JWG0804496	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	11/21/08	11/21/08	JWG0804496	
2-Butanone (MEK)	ND	U	10	0.56	1	11/21/08	11/21/08	JWG0804496	
Chloroform	ND	U	1.0	0.10	1	11/21/08	11/21/08	JWG0804496	
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	11/21/08	11/21/08	JWG0804496	
Cyclohexane	ND	U	10	0.10	1	11/21/08	11/21/08	JWG0804496	
Carbon Tetrachloride	ND	U	1.0	0.18	1	11/21/08	11/21/08	JWG0804496	
Benzene	ND	U	1.0	0.52	1	11/21/08	11/21/08	JWG0804496	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	11/21/08	11/21/08	JWG0804496	
Trichloroethene (TCE)	ND	U	1.0	0.15	1	11/21/08	11/21/08	JWG0804496	
Methylcyclohexane	ND	U	10	0.20	1	11/21/08	11/21/08	JWG0804496	
1,2-Dichloropropane	ND	U	1.0	0.057	1	11/21/08	11/21/08	JWG0804496	
Bromodichloromethane	ND	U	1.0	0.10	1	11/21/08	11/21/08	JWG0804496	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/21/08	11/21/08	JWG0804496	
4-Methyl-2-pentanone (MIBK)	ND	U	25	0.37	1	11/21/08	11/21/08	JWG0804496	
Toluene	ND	U	1.0	0.52	1	11/21/08	11/21/08	JWG0804496	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/21/08	11/21/08	JWG0804496	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	11/21/08	11/21/08	JWG0804496	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	11/21/08	11/21/08	JWG0804496	

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Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Water

Service Request: J0805578
Date Collected: 11/14/2008
Date Received: 11/15/2008

Volatile Organic Compounds by GC/MS

Sample Name: Trip Blank
Lab Code: J0805578-005

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2-Hexanone	ND	U	25	0.36	1	11/21/08	11/21/08	JWG0804496	
Dibromochloromethane	ND	U	1.0	0.11	1	11/21/08	11/21/08	JWG0804496	
1,2-Dibromoethane (EDB)	ND	U	1.0	0.18	1	11/21/08	11/21/08	JWG0804496	
Chlorobenzene	ND	U	1.0	0.15	1	11/21/08	11/21/08	JWG0804496	
Ethylbenzene	ND	U	1.0	0.10	1	11/21/08	11/21/08	JWG0804496	
m,p-Xylenes	ND	U	2.0	0.22	1	11/21/08	11/21/08	JWG0804496	
o-Xylene	ND	U	1.0	0.10	1	11/21/08	11/21/08	JWG0804496	
Styrene	ND	U	1.0	0.051	1	11/21/08	11/21/08	JWG0804496	
Bromoform	ND	U	2.0	0.12	1	11/21/08	11/21/08	JWG0804496	
Isopropylbenzene	ND	U	1.0	0.14	1	11/21/08	11/21/08	JWG0804496	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	11/21/08	11/21/08	JWG0804496	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	11/21/08	11/21/08	JWG0804496	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	11/21/08	11/21/08	JWG0804496	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	11/21/08	11/21/08	JWG0804496	
1,2-Dibromo-3-chloropropane (DBCP	ND	U	5.0	0.26	1	11/21/08	11/21/08	JWG0804496	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	11/21/08	11/21/08	JWG0804496	

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Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	96	71-122	11/21/08	Acceptable
4-Bromofluorobenzene	102	75-120	11/21/08	Acceptable
Dibromofluoromethane	96	82-116	11/21/08	Acceptable
Toluene-d8	97	88-117	11/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name: CT-1S
Lab Code: J0805565-001

Units: ug/Kg
Basis: Dry

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q		MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	UJ	U	4600	4600	1	11/21/08	11/21/08	JWG0804513	
Chloromethane	ND	U		230	15	1	11/21/08	11/21/08	JWG0804513	
Vinyl Chloride	ND	U		230	15	1	11/21/08	11/21/08	JWG0804513	
Bromomethane	ND	U		230	12	1	11/21/08	11/21/08	JWG0804513	
Chloroethane	ND	U		230	21	1	11/21/08	11/21/08	JWG0804513	
Trichlorofluoromethane	ND	U		230	14	1	11/21/08	11/21/08	JWG0804513	
Trichlorotrifluoroethane	ND	U		230	18	1	11/21/08	11/21/08	JWG0804513	
1,1-Dichloroethene	ND	U		230	14	1	11/21/08	11/21/08	JWG0804513	
Acetone	**18000**	J	J+	5700	120	1	11/21/08	11/21/08	JWG0804513	
Carbon Disulfide	ND	UJ	U	460	40	1	11/21/08	11/21/08	JWG0804513	
Methyl Acetate	ND	UJ	U	460	15	1	11/21/08	11/21/08	JWG0804513	
Methylene Chloride	**270**	J	J+	2300	46	1	11/21/08	11/21/08	JWG0804513	
trans-1,2-Dichloroethene	ND	UJ	U	230	6.0	1	11/21/08	11/21/08	JWG0804513	
Methyl tert-Butyl Ether	ND	U		230	7.3	1	11/21/08	11/21/08	JWG0804513	
1,1-Dichloroethane	ND	U		230	7.3	1	11/21/08	11/21/08	JWG0804513	
cis-1,2-Dichloroethene	ND	U		230	17	1	11/21/08	11/21/08	JWG0804513	
2-Butanone (MEK)	**860**	J	J+	1200	78	1	11/21/08	11/21/08	JWG0804513	
Chloroform	ND	UJ	U	230	7.3	1	11/21/08	11/21/08	JWG0804513	
1,1,1-Trichloroethane (TCA)	ND	UJ	U	230	12	1	11/21/08	11/21/08	JWG0804513	
Cyclohexane	**76**	J	J+	460	12	1	11/21/08	11/21/08	JWG0804513	
Carbon Tetrachloride	ND	UJ	U	230	12	1	11/21/08	11/21/08	JWG0804513	
1,2-Dichloroethane (EDC)	ND	UJ	U	230	12	1	11/21/08	11/21/08	JWG0804513	
Trichloroethene (TCE)	**190**	J	J+	230	44	1	11/21/08	11/21/08	JWG0804513	
Methylcyclohexane	**620**	J	J+	460	14	1	11/21/08	11/21/08	JWG0804513	
1,2-Dichloropropane	ND	UJ	U	230	14	1	11/21/08	11/21/08	JWG0804513	
Bromodichloromethane	ND	U	U	230	12	1	11/21/08	11/21/08	JWG0804513	
cis-1,3-Dichloropropene	ND	U	U	230	16	1	11/21/08	11/21/08	JWG0804513	
4-Methyl-2-pentanone (MIBK)	**980**	J	J+	460	31	1	11/21/08	11/21/08	JWG0804513	
Toluene	**2900**	J	J+	230	20	1	11/21/08	11/21/08	JWG0804513	
trans-1,3-Dichloropropene	ND	UJ	U	230	10	1	11/21/08	11/21/08	JWG0804513	
1,1,2-Trichloroethane	ND	UJ	U	230	18	1	11/21/08	11/21/08	JWG0804513	
Tetrachloroethene (PCE)	**140**	J	J+	230	18	1	11/21/08	11/21/08	JWG0804513	
2-Hexanone	ND	UJ	U	460	41	1	11/21/08	11/21/08	JWG0804513	
Dibromochloromethane	ND	U		230	16	1	11/21/08	11/21/08	JWG0804513	
1,2-Dibromoethane (EDB)	ND	U		230	13	1	11/21/08	11/21/08	JWG0804513	

Comments:

01/19/09

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Solid	**Date Received:**	11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	CT-1S	**Units:**	ug/Kg
Lab Code:	J0805565-001	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Chlorobenzene	**910**	~~J~~ J+	230	12	1	11/21/08	11/21/08	JWG0804513	
Ethylbenzene	**3400**	~~J~~	230	15	1	11/21/08	11/21/08	JWG0804513	
Total Xylenes	**19000**	~~J~~	690	34	1	11/21/08	11/21/08	JWG0804513	
Styrene	**33**	~~J~~	230	8.7	1	11/21/08	11/21/08	JWG0804513	
Bromoform	ND	~~UJ~~ U	230	19	1	11/21/08	11/21/08	JWG0804513	
Isopropylbenzene	**2000**	~~J~~ J+	230	7.8	1	11/21/08	11/21/08	JWG0804513	*
1,1,2,2-Tetrachloroethane	ND	~~UJ~~ U	230	15	1	11/21/08	11/21/08	JWG0804513	
1,3-Dichlorobenzene	ND	~~U~~	230	7.8	1	11/21/08	11/21/08	JWG0804513	*
1,4-Dichlorobenzene	ND	~~U~~	230	14	1	11/21/08	11/21/08	JWG0804513	*
1,2-Dichlorobenzene	ND	~~U~~	230	12	1	11/21/08	11/21/08	JWG0804513	*
1,2-Dibromo-3-chloropropane (DBCP	ND	~~U~~	460	22	1	11/21/08	11/21/08	JWG0804513	*
1,2,4-Trichlorobenzene	ND	~~U~~	460	25	1	11/21/08	11/21/08	JWG0804513	*

* See Case Narrative

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	103	75-119	11/21/08	Acceptable
4-Bromofluorobenzene	179	74-129	11/21/08	Outside Control Limits
Dibromofluoromethane	117	78-125	11/21/08	Acceptable
Toluene-d8	150	81-136	11/21/08	Outside Control Limits

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Solid	**Date Received:**	11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	CT-1S	**Units:**	mg/Kg
Lab Code:	J0805565-001	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Med
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	12	J+	0.90	0.27	1	11/19/08	11/19/08	JWG0804448	

Surrogate Name	%Rec	Control Limits	Note

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: CT-1S
Lab Code: J0805565-001

Extraction Method: EPA 3550
Analysis Method: 8270C

Units: ug/Kg
Basis: Dry
Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzaldehyde	ND	U	620000	210000	10	11/23/08	11/30/08	JWG0804509	
N-Nitrosodiphenylamine†	ND	U	310000	21000	10	11/23/08	11/30/08	JWG0804509	
Bis(2-chloroethyl) Ether	ND	U	310000	28000	10	11/23/08	11/30/08	JWG0804509	
Phenol	ND	U	310000	30000	10	11/23/08	11/30/08	JWG0804509	
2-Chlorophenol	ND	U	310000	33000	10	11/23/08	11/30/08	JWG0804509	*
Bis(2-chloroisopropyl) Ether	ND	U	310000	39000	10	11/23/08	11/30/08	JWG0804509	*
2-Methylphenol	ND	U	310000	22000	10	11/23/08	11/30/08	JWG0804509	
Acetophenone	ND	U	620000	160000	10	11/23/08	11/30/08	JWG0804509	
Hexachloroethane	ND	U	310000	31000	10	11/23/08	11/30/08	JWG0804509	
N-Nitrosodi-n-propylamine	ND	U	310000	33000	10	11/23/08	11/30/08	JWG0804509	
4-Methylphenol†	ND	U	310000	48000	10	11/23/08	11/30/08	JWG0804509	
Nitrobenzene	ND	U	310000	37000	10	11/23/08	11/30/08	JWG0804509	
Isophorone	ND	U	310000	24000	10	11/23/08	11/30/08	JWG0804509	
2-Nitrophenol	ND	U	1300000	26000	10	11/23/08	11/30/08	JWG0804509	
2,4-Dimethylphenol	ND	U	310000	35000	10	11/23/08	11/30/08	JWG0804509	
bis(2-Chloroethoxy)methane	ND	U	310000	31000	10	11/23/08	11/30/08	JWG0804509	
2,4-Dichlorophenol	ND	U	310000	31000	10	11/23/08	11/30/08	JWG0804509	
Naphthalene	ND	U	310000	24000	10	11/23/08	11/30/08	JWG0804509	
4-Chloroaniline	ND	U	310000	48000	10	11/23/08	11/30/08	JWG0804509	
Hexachlorobutadiene	ND	U	310000	31000	10	11/23/08	11/30/08	JWG0804509	*
4-Chloro-3-methylphenol	ND	U	310000	30000	10	11/23/08	11/30/08	JWG0804509	
Caprolactam	ND	U	310000	61000	10	11/23/08	11/30/08	JWG0804509	
2-Methylnaphthalene	**54000**	JB ~~J~~	310000	28000	10	11/23/08	11/30/08	JWG0804509	
Hexachlorocyclopentadiene	ND	U	310000	21000	10	11/23/08	11/30/08	JWG0804509	
2,4,6-Trichlorophenol	ND	U	310000	66000	10	11/23/08	11/30/08	JWG0804509	
2,4,5-Trichlorophenol	ND	U	310000	24000	10	11/23/08	11/30/08	JWG0804509	
2-Chloronaphthalene	ND	U	310000	30000	10	11/23/08	11/30/08	JWG0804509	
2-Nitroaniline	ND	U	310000	41000	10	11/23/08	11/30/08	JWG0804509	
Biphenyl	ND	U	620000	280000	10	11/23/08	11/30/08	JWG0804509	
Acenaphthylene	ND	U	310000	35000	10	11/23/08	11/30/08	JWG0804509	
Dimethyl Phthalate	ND	U	310000	18000	10	11/23/08	11/30/08	JWG0804509	
2,6-Dinitrotoluene	ND	U	310000	66000	10	11/23/08	11/30/08	JWG0804509	
Acenaphthene	ND	U	310000	35000	10	11/23/08	11/30/08	JWG0804509	
3-Nitroaniline	ND	U	310000	31000	10	11/23/08	11/30/08	JWG0804509	

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Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: CT-1S
Lab Code: J0805565-001

Units: ug/Kg
Basis: Dry

Extraction Method: EPA 3550
Analysis Method: 8270C

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,4-Dinitrophenol	ND	U	1300000	22000	10	11/23/08	11/30/08	JWG0804509	
Dibenzofuran	ND	U	310000	24000	10	11/23/08	11/30/08	JWG0804509	
4-Nitrophenol	ND	U	1300000	31000	10	11/23/08	11/30/08	JWG0804509	
2,4-Dinitrotoluene	ND	U	310000	18000	10	11/23/08	11/30/08	JWG0804509	
Fluorene	ND	U	310000	19000	10	11/23/08	11/30/08	JWG0804509	
4-Chlorophenyl Phenyl Ether	ND	U	310000	41000	10	11/23/08	11/30/08	JWG0804509	
Diethyl Phthalate	ND	U	310000	22000	10	11/23/08	11/30/08	JWG0804509	
4-Nitroaniline	ND	U	310000	22000	10	11/23/08	11/30/08	JWG0804509	*
2-Methyl-4,6-dinitrophenol	ND	U	1300000	18000	10	11/23/08	11/30/08	JWG0804509	
4-Bromophenyl Phenyl Ether	ND	U	310000	18000	10	11/23/08	11/30/08	JWG0804509	
Hexachlorobenzene	ND	U	310000	16000	10	11/23/08	11/30/08	JWG0804509	
Pentachlorophenol	ND	U	1300000	42000	10	11/23/08	11/30/08	JWG0804509	
Phenanthrene	**54000**	~~JD~~ J	310000	24000	10	11/23/08	11/30/08	JWG0804509	
Anthracene	ND	U	310000	21000	10	11/23/08	11/30/08	JWG0804509	
Atrazine	ND	U	620000	280000	10	11/23/08	11/30/08	JWG0804509	
Carbazole	ND	U	310000	30000	10	11/23/08	11/30/08	JWG0804509	
Di-n-butyl Phthalate	ND	U	310000	120000	10	11/23/08	11/30/08	JWG0804509	
Fluoranthene	**28000**	~~JD~~ J	310000	22000	10	11/23/08	11/30/08	JWG0804509	
Pyrene	ND	U	310000	26000	10	11/23/08	11/30/08	JWG0804509	
Butyl Benzyl Phthalate	ND	U	620000	33000	10	11/23/08	11/30/08	JWG0804509	
3,3'-Dichlorobenzidine	ND	U	1300000	62000	10	11/23/08	11/30/08	JWG0804509	
Benz(a)anthracene	ND	U	310000	21000	10	11/23/08	11/30/08	JWG0804509	
Chrysene	ND	U	310000	41000	10	11/23/08	11/30/08	JWG0804509	
Bis(2-ethylhexyl) Phthalate	ND	U	310000	30000	10	11/23/08	11/30/08	JWG0804509	
Di-n-octyl Phthalate	ND	U	310000	28000	10	11/23/08	11/30/08	JWG0804509	
Benzo(b)fluoranthene	ND	U	310000	37000	10	11/23/08	11/30/08	JWG0804509	
Benzo(k)fluoranthene	ND	U	310000	30000	10	11/23/08	11/30/08	JWG0804509	
Benzo(a)pyrene	ND	U	310000	35000	10	11/23/08	11/30/08	JWG0804509	
Indeno(1,2,3-cd)pyrene	ND	U	310000	33000	10	11/23/08	11/30/08	JWG0804509	
Dibenz(a,h)anthracene	ND	U	310000	41000	10	11/23/08	11/30/08	JWG0804509	
Benzo(g,h,i)perylene	ND	U	310000	30000	10	11/23/08	11/30/08	JWG0804509	

* See Case Narrative

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01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Polychlorinated Biphenyls (PCB Aroclors) by GC-ECD

Sample Name: CT-1S
Lab Code: J0805565-001

Units: ug/Kg
Basis: Dry

Extraction Method: EPA 3550
Analysis Method: 8082

Level: Low

Analyte Name	Result	Q		MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Aroclor 1016	ND	U	R	67	6.5	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1221	ND	U		67	41	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1232	ND	U		67	31	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1242	ND	U		67	12	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1248	ND	U		67	14	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1254	ND	U		67	11	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1260	ND	U		67	2.9	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1262	ND	U		67	6.7	1	11/20/08	12/01/08	JWG0804504	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Decachlorobiphenyl	3	35-134	12/01/08	Outside Control Limits

01/19/09

Comments:

ORGANIC ANALYSIS DATA SHEET

EPA 8015B

J0805565-001

CT-1S

Laboratory:	ENCO Cary		SDG:		
Client:	Columbia Analytical Svcs.		Project:	J0805565	
Matrix:	Soil	Laboratory ID:	B807024-01	File ID:	2L1a025-0
Sampled:	11/11/08 14:30	Prepared:	11/25/08 15:00	Analyzed:	12/02/08 01:24
Solids:	8.55	Preparation:	EPA 5035	Initial/Final:	5.02 g / 500 mL
Batch:	8K25026	Sequence: CA05132	Calibration:	0811119	Instrument: CVGCPID1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	MDL	MRL
NA	GRO (C6-C10)	1	110		9.6	64

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
2,5-Dibromotoluene	117	76	66	28 - 139	

* Values outside of QC limits

01/19/09

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Solid	**Date Received:**	11/14/2008

Diesel Range Organics (DRO) by GC

Sample Name:	CT-1S	**Units:**	mg/Kg
Lab Code:	J0805565-001	**Basis:**	Dry
Extraction Method:	EPA 3550	**Level:**	Low
Analysis Method:	8015B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C10 - C28 DRO	**96000**	~~D-C~~	9100	1700	10	11/23/08	11/25/08	JWG0804515	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	0	36-136	11/25/08	Outside Control Limits

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

CT-1S

Client: Tetra Tech EM, Incorporated

Lab Code: CAS-JAX Project No.: 103DX9017000100 SAS No.: SDG NO.: J0805565

Matrix (soil/water): SOLID Lab Sample ID: J0805565-001

Level (low/med): LOW Date Received: 11/14/2008

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.25 ~~0.06~~	U		MS
7440-39-3	Barium	24			MS
7440-43-9	Cadmium	0.05	~~B~~	J	MS
7440-47-3	Chromium	14			MS
7439-92-1	Lead	3.2			MS
7439-97-6	Mercury	0.025 ~~0.009~~	~~B~~	U	CV
7782-49-2	Selenium	0.5 ~~0.2~~	U		MS
7440-22-4	Silver	0.25	~~B~~	J	MS

01/19/09

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Tetra Tech EM, Incorporated
Project Name : Seven Out
Project Number : 103DX901700010076
Sample Matrix : SOLID

Service Request : J0805565
Date Collected : 11/11/08
Date Received : 11/14/08

Inorganic Parameters

Sample Name : CT-1S
Lab Code : J0805565-001
Test Notes :

Basis : NA

Analyte	Units	Analysis Method	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
Corrosivity	pH UNITS	9045D	-	-	1	11/17/08 16:00	8.0	
Ignitability	mm/sec	1030	-	-	1	11/21/08 10:00	U	
Solids, Total	PERCENT	160.3 MOD	0.1	0.1	1	11/18/08 09:50	11	

01/19/09

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Solid	**Date Received:**	11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	CT-5S	**Units:**	ug/Kg
Lab Code:	J0805565-002	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q		MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	UJ	U	1800	1800	1	11/21/08	11/21/08	JWG0804513	
Chloromethane	ND	U		90	6.0	1	11/21/08	11/21/08	JWG0804513	
Vinyl Chloride	ND	U		90	5.8	1	11/21/08	11/21/08	JWG0804513	
Bromomethane	ND	U		90	4.5	1	11/21/08	11/21/08	JWG0804513	
Chloroethane	ND	U		90	8.1	1	11/21/08	11/21/08	JWG0804513	
Trichlorofluoromethane	ND	U		90	5.4	1	11/21/08	11/21/08	JWG0804513	
Trichlorotrifluoroethane	ND	U		90	6.9	1	11/21/08	11/21/08	JWG0804513	
1,1-Dichloroethene	ND	U		90	5.4	1	11/21/08	11/21/08	JWG0804513	
Carbon Disulfide	ND	U		180	16	1	11/21/08	11/21/08	JWG0804513	
Methyl Acetate	ND	U		180	5.6	1	11/21/08	11/21/08	JWG0804513	
Methylene Chloride	**71**	J	J+	900	18	1	11/21/08	11/21/08	JWG0804513	
trans-1,2-Dichloroethene	ND	UJ	U	90	2.4	1	11/21/08	11/21/08	JWG0804513	
Methyl tert-Butyl Ether	ND	U		90	2.9	1	11/21/08	11/21/08	JWG0804513	
1,1-Dichloroethane	ND	U		90	2.9	1	11/21/08	11/21/08	JWG0804513	
cis-1,2-Dichloroethene	ND	U		90	6.5	1	11/21/08	11/21/08	JWG0804513	
2-Butanone (MEK)	**110**	J	J+	450	31	1	11/21/08	11/21/08	JWG0804513	
Chloroform	ND	UJ	U	90	2.9	1	11/21/08	11/21/08	JWG0804513	
1,1,1-Trichloroethane (TCA)	ND	U		90	4.5	1	11/21/08	11/21/08	JWG0804513	
Cyclohexane	ND	U		180	4.5	1	11/21/08	11/21/08	JWG0804513	
Carbon Tetrachloride	ND	U		90	4.7	1	11/21/08	11/21/08	JWG0804513	
Benzene	**610**	J	J+	90	3.3	1	11/21/08	11/21/08	JWG0804513	
1,2-Dichloroethane (EDC)	ND	UJ	U	90	4.7	1	11/21/08	11/21/08	JWG0804513	
Trichloroethene (TCE)	ND	UJ	U	90	18	1	11/21/08	11/21/08	JWG0804513	
Methylcyclohexane	**89**	J	J+	180	5.4	1	11/21/08	11/21/08	JWG0804513	
1,2-Dichloropropane	ND	UJ	U	90	5.4	1	11/21/08	11/21/08	JWG0804513	
Bromodichloromethane	ND	U		90	4.5	1	11/21/08	11/21/08	JWG0804513	
cis-1,3-Dichloropropene	ND	U		90	6.2	1	11/21/08	11/21/08	JWG0804513	
4-Methyl-2-pentanone (MIBK)	**120**	J	J+	180	13	1	11/21/08	11/21/08	JWG0804513	
Toluene	**11**	J	J+	90	7.6	1	11/21/08	11/21/08	JWG0804513	
trans-1,3-Dichloropropene	ND	UJ	U	90	4.0	1	11/21/08	11/21/08	JWG0804513	
1,1,2-Trichloroethane	ND	U		90	7.1	1	11/21/08	11/21/08	JWG0804513	
Tetrachloroethene (PCE)	ND	U		90	6.9	1	11/21/08	11/21/08	JWG0804513	
2-Hexanone	ND	U		180	17	1	11/21/08	11/21/08	JWG0804513	
Dibromochloromethane	ND	U		90	6.2	1	11/21/08	11/21/08	JWG0804513	
1,2-Dibromoethane (EDB)	ND	U		90	5.1	1	11/21/08	11/21/08	JWG0804513	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Solid	**Date Received:**	11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	CT-5S	**Units:**	ug/Kg
Lab Code:	J0805565-002	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q		MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Chlorobenzene	**26**	J	J+	90	4.7	1	11/21/08	11/21/08	JWG0804513	
Ethylbenzene	**230**	J		90	6.0	1	11/21/08	11/21/08	JWG0804513	
Total Xylenes	**1400**	J		270	13	1	11/21/08	11/21/08	JWG0804513	
Styrene	ND	U	U	90	3.5	1	11/21/08	11/21/08	JWG0804513	
Bromoform	ND	U	U	90	7.2	1	11/21/08	11/21/08	JWG0804513	
Isopropylbenzene	**59**	J	J+	90	3.1	1	11/21/08	11/21/08	JWG0804513	
1,1,2,2-Tetrachloroethane	ND	U	U	90	5.8	1	11/21/08	11/21/08	JWG0804513	
1,3-Dichlorobenzene	ND	U		90	3.1	1	11/21/08	11/21/08	JWG0804513	
1,4-Dichlorobenzene	ND	U		90	5.3	1	11/21/08	11/21/08	JWG0804513	
1,2-Dichlorobenzene	ND	U		90	4.7	1	11/21/08	11/21/08	JWG0804513	
1,2-Dibromo-3-chloropropane (DBCP	ND	U		180	8.7	1	11/21/08	11/21/08	JWG0804513	
1,2,4-Trichlorobenzene	ND	U		180	9.6	1	11/21/08	11/21/08	JWG0804513	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	105	75-119	11/21/08	Acceptable
4-Bromofluorobenzene	142	74-129	11/21/08	Outside Control Limits
Dibromofluoromethane	116	78-125	11/21/08	Acceptable
Toluene-d8	135	81-136	11/21/08	Acceptable

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Solid	**Date Received:**	11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	CT-5S	**Units:**	mg/Kg
Lab Code:	J0805565-002	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Med
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Acetone	15	J +	22	0.82	1	11/19/08	11/19/08	JWG0804448	

Surrogate Name	%Rec	Control Limits	Note

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: CT-5S
Lab Code: J0805565-002

Extraction Method: EPA 3550
Analysis Method: 8270C

Units: ug/Kg
Basis: Dry

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzaldehyde	ND	U	300000	96000	10	11/23/08	12/01/08	JWG0804509	
N-Nitrosodiphenylamine†	ND	U	150000	9600	10	11/23/08	12/01/08	JWG0804509	
Bis(2-chloroethyl) Ether	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	
Phenol	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	
2-Chlorophenol	ND	U	150000	16000	10	11/23/08	12/01/08	JWG0804509	*
Bis(2-chloroisopropyl) Ether	ND	U	150000	19000	10	11/23/08	12/01/08	JWG0804509	*
2-Methylphenol	ND	U	150000	11000	10	11/23/08	12/01/08	JWG0804509	
Acetophenone	ND	U	300000	73000	10	11/23/08	12/01/08	JWG0804509	
Hexachloroethane	ND	U	150000	15000	10	11/23/08	12/01/08	JWG0804509	
N-Nitrosodi-n-propylamine	ND	U	150000	16000	10	11/23/08	12/01/08	JWG0804509	
4-Methylphenol†	ND	U	150000	23000	10	11/23/08	12/01/08	JWG0804509	
Nitrobenzene	ND	U	150000	18000	10	11/23/08	12/01/08	JWG0804509	
Isophorone	ND	U	150000	12000	10	11/23/08	12/01/08	JWG0804509	
2-Nitrophenol	ND	U	590000	13000	10	11/23/08	12/01/08	JWG0804509	
2,4-Dimethylphenol	ND	U	150000	17000	10	11/23/08	12/01/08	JWG0804509	
bis(2-Chloroethoxy)methane	ND	U	150000	15000	10	11/23/08	12/01/08	JWG0804509	
2,4-Dichlorophenol	ND	U	150000	15000	10	11/23/08	12/01/08	JWG0804509	
Naphthalene	ND	U	150000	12000	10	11/23/08	12/01/08	JWG0804509	
4-Chloroaniline	ND	U	150000	23000	10	11/23/08	12/01/08	JWG0804509	
Hexachlorobutadiene	ND	U	150000	15000	10	11/23/08	12/01/08	JWG0804509	*
4-Chloro-3-methylphenol	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	
Caprolactam	ND	U	150000	29000	10	11/23/08	12/01/08	JWG0804509	
2-Methylnaphthalene	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	
Hexachlorocyclopentadiene	ND	U	150000	9600	10	11/23/08	12/01/08	JWG0804509	
2,4,6-Trichlorophenol	ND	U	150000	32000	10	11/23/08	12/01/08	JWG0804509	
2,4,5-Trichlorophenol	ND	U	150000	12000	10	11/23/08	12/01/08	JWG0804509	
2-Chloronaphthalene	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	
2-Nitroaniline	ND	U	150000	20000	10	11/23/08	12/01/08	JWG0804509	
Biphenyl	ND	U	300000	140000	10	11/23/08	12/01/08	JWG0804509	
Acenaphthylene	ND	U	150000	17000	10	11/23/08	12/01/08	JWG0804509	
Dimethyl Phthalate	ND	U	150000	8600	10	11/23/08	12/01/08	JWG0804509	
2,6-Dinitrotoluene	ND	U	150000	32000	10	11/23/08	12/01/08	JWG0804509	
Acenaphthene	ND	U	150000	17000	10	11/23/08	12/01/08	JWG0804509	
3-Nitroaniline	ND	U	150000	15000	10	11/23/08	12/01/08	JWG0804509	

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01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: CT-5S
Lab Code: J0805565-002

Units: ug/Kg
Basis: Dry

Extraction Method: EPA 3550
Analysis Method: 8270C

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,4-Dinitrophenol	ND	U	590000	11000	10	11/23/08	12/01/08	JWG0804509	
Dibenzofuran	ND	U	150000	12000	10	11/23/08	12/01/08	JWG0804509	
4-Nitrophenol	ND	U	590000	15000	10	11/23/08	12/01/08	JWG0804509	
2,4-Dinitrotoluene	ND	U	150000	8600	10	11/23/08	12/01/08	JWG0804509	
Fluorene	ND	U	150000	8700	10	11/23/08	12/01/08	JWG0804509	
4-Chlorophenyl Phenyl Ether	ND	U	150000	20000	10	11/23/08	12/01/08	JWG0804509	
Diethyl Phthalate	ND	U	150000	11000	10	11/23/08	12/01/08	JWG0804509	
4-Nitroaniline	ND	U	150000	11000	10	11/23/08	12/01/08	JWG0804509	*
2-Methyl-4,6-dinitrophenol	ND	U	590000	8200	10	11/23/08	12/01/08	JWG0804509	
4-Bromophenyl Phenyl Ether	ND	U	150000	8600	10	11/23/08	12/01/08	JWG0804509	
Hexachlorobenzene	ND	U	150000	7300	10	11/23/08	12/01/08	JWG0804509	
Pentachlorophenol	ND	U	590000	21000	10	11/23/08	12/01/08	JWG0804509	
Phenanthrene	**55000**	~~JD~~ J	150000	12000	10	11/23/08	12/01/08	JWG0804509	
Anthracene	ND	U	150000	9600	10	11/23/08	12/01/08	JWG0804509	
Atrazine	ND	U	300000	140000	10	11/23/08	12/01/08	JWG0804509	
Carbazole	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	
Di-n-butyl Phthalate	ND	U	150000	54000	10	11/23/08	12/01/08	JWG0804509	
Fluoranthene	**95000**	~~JD~~ J	150000	11000	10	11/23/08	12/01/08	JWG0804509	
Pyrene	**14000**	~~JD~~ J	150000	13000	10	11/23/08	12/01/08	JWG0804509	
Butyl Benzyl Phthalate	ND	U	300000	16000	10	11/23/08	12/01/08	JWG0804509	
3,3'-Dichlorobenzidine	ND	U	590000	30000	10	11/23/08	12/01/08	JWG0804509	
Benz(a)anthracene	**10000**	~~JD~~ J	150000	9600	10	11/23/08	12/01/08	JWG0804509	
Chrysene	**25000**	~~JD~~ J	150000	20000	10	11/23/08	12/01/08	JWG0804509	
Bis(2-ethylhexyl) Phthalate	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	
Di-n-octyl Phthalate	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	
Benzo(b)fluoranthene	ND	U	150000	18000	10	11/23/08	12/01/08	JWG0804509	*
Benzo(k)fluoranthene	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	*
Benzo(a)pyrene	ND	U	150000	17000	10	11/23/08	12/01/08	JWG0804509	*
Indeno(1,2,3-cd)pyrene	ND	U	150000	16000	10	11/23/08	12/01/08	JWG0804509	*
Dibenz(a,h)anthracene	ND	U	150000	20000	10	11/23/08	12/01/08	JWG0804509	*
Benzo(g,h,i)perylene	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	*

* See Case Narrative

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Polychlorinated Biphenyls (PCB Aroclors) by GC-ECD

Sample Name: CT-5S
Lab Code: J0805565-002

Extraction Method: EPA 3550
Analysis Method: 8082

Units: ug/Kg
Basis: Dry

Level: Low

Analyte Name	Result	Q		MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Aroclor 1016	ND	U	R	67	6.5	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1221	ND	U		67	41	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1232	ND	U		67	31	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1242	ND	U		67	12	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1248	ND	U		67	14	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1254	ND	U		67	11	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1260	ND	U		67	2.9	1	11/20/08	12/01/08	JWG0804504	
Aroclor 1262	ND	U		67	6.7	1	11/20/08	12/01/08	JWG0804504	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Decachlorobiphenyl	5	35-134	12/01/08	Outside Control Limits

01/19/09

Comments:

ORGANIC ANALYSIS DATA SHEET
EPA 8015B

J0805565-002

CT-5S

Laboratory:	ENCO Cary		SDG:		
Client:	Columbia Analytical Svcs.		Project:	J0805565	
Matrix:	Soil	Laboratory ID:	B807024-02	File ID:	2L1a028-0
Sampled:	11/11/08 15:10	Prepared:	11/25/08 15:00	Analyzed:	12/02/08 10:17
Solids:	26.99	Preparation:	EPA 5035	Initial/Final:	5.02 g / 500 mL
Batch:	8K25026	Sequence: CA05132	Calibration:	0811119	Instrument: CVGCPID1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	MDL	MRL
NA	GRO (C6-C10)	1	8.5	J	3.0	20

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
2,5-Dibromotoluene	36.9	16	45	28 - 139	

* Values outside of QC limits

01/19/09

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Solid	**Date Received:**	11/14/2008

Diesel Range Organics (DRO) by GC

Sample Name:	CT-5S	**Units:**	mg/Kg
Lab Code:	J0805565-002	**Basis:**	Dry
Extraction Method:	EPA 3550	**Level:**	Low
Analysis Method:	8015B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C10 - C28 DRO	**250000**	~~DC~~	8700	1600	20	11/23/08	11/25/08	JWG0804515	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	23674	36-136	11/25/08	Outside Control Limits

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

CT-5S

Client: Tetra Tech EM, Incorporated

Lab Code: CAS-JAX Project No.: 103DX9017000100 SAS No.: SDG NO.: J0805565

Matrix (soil/water): SOLID Lab Sample ID: J0805565-002

Level (low/med): LOW Date Received: 11/14/2008

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.24 ~~0.06~~	U		MS
7440-39-3	Barium	217			MS
7440-43-9	Cadmium	0.04	~~B~~	J	MS
7440-47-3	Chromium	5.1			MS
7439-92-1	Lead	4.7			MS
7439-97-6	Mercury	0.024 ~~0.007~~	~~B~~	U	CV
7782-49-2	Selenium	0.5 ~~0.2~~	U		MS
7440-22-4	Silver	1.0			MS

01/19/09

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Tetra Tech EM, Incorporated
Project Name : Seven Out
Project Number : 103DX901700010076
Sample Matrix : SOLID

Service Request : J0805565
Date Collected : 11/11/08
Date Received : 11/14/08

Inorganic Parameters

Sample Name : CT-5S
Lab Code : J0805565-002
Test Notes :

Basis : NA

Analyte	Units	Analysis Method	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
Corrosivity	pH UNITS	9045D	-	-	1	11/17/08 16:00	8.2	
Ignitability	mm/sec	1030	-	-	1	11/21/08 10:00	U	
Solids, Total	PERCENT	160.3 MOD	0.1	0.1	1	11/18/08 09:50	23	

gaw
01/19/09

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Solid	**Date Received:**	11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	CT-5~~S~~D S	**Units:**	ug/Kg
Lab Code:	J0805565-003	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q		MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	UJ	U	2100	2100	1	11/21/08	11/21/08	JWG0804513	
Chloromethane	ND	U		110	6.9	1	11/21/08	11/21/08	JWG0804513	
Vinyl Chloride	ND	U		110	6.7	1	11/21/08	11/21/08	JWG0804513	
Bromomethane	ND	U		110	5.2	1	11/21/08	11/21/08	JWG0804513	
Chloroethane	ND	U		110	9.3	1	11/21/08	11/21/08	JWG0804513	
Trichlorofluoromethane	ND	U		110	6.2	1	11/21/08	11/21/08	JWG0804513	
Trichlorotrifluoroethane	ND	U		110	7.9	1	11/21/08	11/21/08	JWG0804513	
1,1-Dichloroethene	ND	U		110	6.2	1	11/21/08	11/21/08	JWG0804513	
Carbon Disulfide	ND	U		210	18	1	11/21/08	11/21/08	JWG0804513	
Methyl Acetate	ND	U		210	6.4	1	11/21/08	11/21/08	JWG0804513	
Methylene Chloride	**120**	J	J+	1100	21	1	11/21/08	11/21/08	JWG0804513	
trans-1,2-Dichloroethene	ND	UJ	U	110	2.7	1	11/21/08	11/21/08	JWG0804513	
Methyl tert-Butyl Ether	ND	U		110	3.4	1	11/21/08	11/21/08	JWG0804513	
1,1-Dichloroethane	ND	U		110	3.4	1	11/21/08	11/21/08	JWG0804513	
cis-1,2-Dichloroethene	ND	U		110	7.5	1	11/21/08	11/21/08	JWG0804513	
2-Butanone (MEK)	**190**	J	J+	520	36	1	11/21/08	11/21/08	JWG0804513	
Chloroform	ND	UJ	U	110	3.4	1	11/21/08	11/21/08	JWG0804513	
1,1,1-Trichloroethane (TCA)	ND	UJ	U	110	5.2	1	11/21/08	11/21/08	JWG0804513	
Cyclohexane	**27**	J	J+	210	5.2	1	11/21/08	11/21/08	JWG0804513	
Carbon Tetrachloride	ND	UJ	U	110	5.4	1	11/21/08	11/21/08	JWG0804513	
Benzene	**1400**	J	J+	110	3.8	1	11/21/08	11/21/08	JWG0804513	
1,2-Dichloroethane (EDC)	ND	UJ	U	110	5.4	1	11/21/08	11/21/08	JWG0804513	
Trichloroethene (TCE)	ND	UJ	U	110	20	1	11/21/08	11/21/08	JWG0804513	
Methylcyclohexane	**330**	J	J+	210	6.2	1	11/21/08	11/21/08	JWG0804513	
1,2-Dichloropropane	ND	UJ	U	110	6.2	1	11/21/08	11/21/08	JWG0804513	
Bromodichloromethane	ND	U		110	5.2	1	11/21/08	11/21/08	JWG0804513	
cis-1,3-Dichloropropene	ND	U		110	7.1	1	11/21/08	11/21/08	JWG0804513	
4-Methyl-2-pentanone (MIBK)	**270**	J	J+	210	14	1	11/21/08	11/21/08	JWG0804513	
Toluene	**62**	J	J+	110	8.7	1	11/21/08	11/21/08	JWG0804513	
trans-1,3-Dichloropropene	ND	UJ	U	110	4.6	1	11/21/08	11/21/08	JWG0804513	
1,1,2-Trichloroethane	ND	U		110	8.1	1	11/21/08	11/21/08	JWG0804513	
Tetrachloroethene (PCE)	ND	U		110	7.9	1	11/21/08	11/21/08	JWG0804513	
2-Hexanone	ND	U		210	19	1	11/21/08	11/21/08	JWG0804513	
Dibromochloromethane	ND	U		110	7.1	1	11/21/08	11/21/08	JWG0804513	
1,2-Dibromoethane (EDB)	ND	U		110	5.8	1	11/21/08	11/21/08	JWG0804513	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Solid	**Date Received:**	11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	CT-5~~5~~D S	**Units:**	ug/Kg
Lab Code:	J0805565-003	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q		MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Chlorobenzene	**120**	~~J~~	J+	110	5.4	1	11/21/08	11/21/08	JWG0804513	
Ethylbenzene	**1200**	~~J~~	↓	110	6.9	1	11/21/08	11/21/08	JWG0804513	
Total Xylenes	**6800**	~~J~~	↓	320	15	1	11/21/08	11/21/08	JWG0804513	
Styrene	ND	U ~~J~~	U	110	4.0	1	11/21/08	11/21/08	JWG0804513	
Bromoform	ND	U ~~J~~	U	110	8.3	1	11/21/08	11/21/08	JWG0804513	
Isopropylbenzene	**420**	~~J~~	J+	110	3.6	1	11/21/08	11/21/08	JWG0804513	*
1,1,2,2-Tetrachloroethane	ND	U ~~J~~	U	110	6.7	1	11/21/08	11/21/08	JWG0804513	
1,3-Dichlorobenzene	ND	U	↓	110	3.6	1	11/21/08	11/21/08	JWG0804513	*
1,4-Dichlorobenzene	ND	U	↓	110	6.0	1	11/21/08	11/21/08	JWG0804513	*
1,2-Dichlorobenzene	ND	U	↓	110	5.4	1	11/21/08	11/21/08	JWG0804513	*
1,2-Dibromo-3-chloropropane (DBCP	ND	U	↓	210	10	1	11/21/08	11/21/08	JWG0804513	*
1,2,4-Trichlorobenzene	ND	U	↓	210	11	1	11/21/08	11/21/08	JWG0804513	*

* See Case Narrative

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	107	75-119	11/21/08	Acceptable
4-Bromofluorobenzene	195	74-129	11/21/08	Outside Control Limits
Dibromofluoromethane	120	78-125	11/21/08	Acceptable
Toluene-d8	156	81-136	11/21/08	Outside Control Limits

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Solid	**Date Received:**	11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	CT-5~~5~~S D	**Units:**	mg/Kg
Lab Code:	J0805565-003	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Med
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Acetone	9.9	J+	21	0.79	1	11/19/08	11/19/08	JWG0804448	

Surrogate Name	%Rec	Control Limits	Note

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: CT-5~~5~~D S
Lab Code: J0805565-003

Units: ug/Kg
Basis: Dry

Extraction Method: EPA 3550
Analysis Method: 8270C

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzaldehyde	ND	U	290000	92000	10	11/23/08	12/01/08	JWG0804509	
N-Nitrosodiphenylamine†	ND	U	150000	9200	10	11/23/08	12/01/08	JWG0804509	
Bis(2-chloroethyl) Ether	ND	U	150000	13000	10	11/23/08	12/01/08	JWG0804509	
Phenol	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	
2-Chlorophenol	ND	U	150000	16000	10	11/23/08	12/01/08	JWG0804509	*
Bis(2-chloroisopropyl) Ether	ND	U	150000	18000	10	11/23/08	12/01/08	JWG0804509	*
2-Methylphenol	ND	U	150000	11000	10	11/23/08	12/01/08	JWG0804509	
Acetophenone	ND	U	290000	70000	10	11/23/08	12/01/08	JWG0804509	
Hexachloroethane	ND	U	150000	15000	10	11/23/08	12/01/08	JWG0804509	
N-Nitrosodi-n-propylamine	ND	U	150000	16000	10	11/23/08	12/01/08	JWG0804509	
4-Methylphenol†	ND	U	150000	22000	10	11/23/08	12/01/08	JWG0804509	
Nitrobenzene	ND	U	150000	17000	10	11/23/08	12/01/08	JWG0804509	
Isophorone	ND	U	150000	11000	10	11/23/08	12/01/08	JWG0804509	
2-Nitrophenol	ND	U	560000	12000	10	11/23/08	12/01/08	JWG0804509	
2,4-Dimethylphenol	ND	U	150000	16000	10	11/23/08	12/01/08	JWG0804509	
bis(2-Chloroethoxy)methane	ND	U	150000	15000	10	11/23/08	12/01/08	JWG0804509	
2,4-Dichlorophenol	ND	U	150000	15000	10	11/23/08	12/01/08	JWG0804509	
Naphthalene	ND	U	150000	11000	10	11/23/08	12/01/08	JWG0804509	
4-Chloroaniline	ND	U	150000	22000	10	11/23/08	12/01/08	JWG0804509	
Hexachlorobutadiene	ND	U	150000	15000	10	11/23/08	12/01/08	JWG0804509	*
4-Chloro-3-methylphenol	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	
Caprolactam	ND	U	150000	28000	10	11/23/08	12/01/08	JWG0804509	
2-Methylnaphthalene	ND	U	150000	13000	10	11/23/08	12/01/08	JWG0804509	
Hexachlorocyclopentadiene	ND	U	150000	9200	10	11/23/08	12/01/08	JWG0804509	
2,4,6-Trichlorophenol	ND	U	150000	31000	10	11/23/08	12/01/08	JWG0804509	
2,4,5-Trichlorophenol	ND	U	150000	11000	10	11/23/08	12/01/08	JWG0804509	
2-Chloronaphthalene	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	
2-Nitroaniline	ND	U	150000	19000	10	11/23/08	12/01/08	JWG0804509	
Biphenyl	ND	U	290000	130000	10	11/23/08	12/01/08	JWG0804509	
Acenaphthylene	ND	U	150000	16000	10	11/23/08	12/01/08	JWG0804509	
Dimethyl Phthalate	ND	U	150000	8200	10	11/23/08	12/01/08	JWG0804509	
2,6-Dinitrotoluene	ND	U	150000	31000	10	11/23/08	12/01/08	JWG0804509	
Acenaphthene	ND	U	150000	16000	10	11/23/08	12/01/08	JWG0804509	
3-Nitroaniline	ND	U	150000	15000	10	11/23/08	12/01/08	JWG0804509	

Comments: 01/19/09

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Solid	**Date Received:**	11/14/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	CT-5~~5~~S D	**Units:**	ug/Kg
Lab Code:	J0805565-003	**Basis:**	Dry
Extraction Method:	EPA 3550	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,4-Dinitrophenol	ND	U	560000	11000	10	11/23/08	12/01/08	JWG0804509	
Dibenzofuran	ND	U	150000	11000	10	11/23/08	12/01/08	JWG0804509	
4-Nitrophenol	ND	U	560000	15000	10	11/23/08	12/01/08	JWG0804509	
2,4-Dinitrotoluene	ND	U	150000	8200	10	11/23/08	12/01/08	JWG0804509	
Fluorene	ND	U	150000	8400	10	11/23/08	12/01/08	JWG0804509	
4-Chlorophenyl Phenyl Ether	ND	U	150000	19000	10	11/23/08	12/01/08	JWG0804509	
Diethyl Phthalate	ND	U	150000	11000	10	11/23/08	12/01/08	JWG0804509	
4-Nitroaniline	ND	U	150000	11000	10	11/23/08	12/01/08	JWG0804509	*
2-Methyl-4,6-dinitrophenol	ND	U	560000	7900	10	11/23/08	12/01/08	JWG0804509	
4-Bromophenyl Phenyl Ether	ND	U	150000	8200	10	11/23/08	12/01/08	JWG0804509	
Hexachlorobenzene	ND	U	150000	7000	10	11/23/08	12/01/08	JWG0804509	
Pentachlorophenol	ND	U	560000	20000	10	11/23/08	12/01/08	JWG0804509	
Phenanthrene	**78000**	~~JD~~ J	150000	11000	10	11/23/08	12/01/08	JWG0804509	
Anthracene	**13000**	~~JD~~ J	150000	9200	10	11/23/08	12/01/08	JWG0804509	
Atrazine	ND	U	290000	130000	10	11/23/08	12/01/08	JWG0804509	
Carbazole	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	
Di-n-butyl Phthalate	ND	U	150000	51000	10	11/23/08	12/01/08	JWG0804509	
Fluoranthene	**130000**	~~JD~~ J	150000	11000	10	11/23/08	12/01/08	JWG0804509	
Pyrene	**24000**	~~JD~~ J	150000	12000	10	11/23/08	12/01/08	JWG0804509	
Butyl Benzyl Phthalate	ND	U	290000	16000	10	11/23/08	12/01/08	JWG0804509	
3,3'-Dichlorobenzidine	ND	U	560000	29000	10	11/23/08	12/01/08	JWG0804509	
Benz(a)anthracene	**17000**	~~JD~~ J	150000	9200	10	11/23/08	12/01/08	JWG0804509	
Chrysene	**43000**	~~JD~~ J	150000	19000	10	11/23/08	12/01/08	JWG0804509	
Bis(2-ethylhexyl) Phthalate	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	
Di-n-octyl Phthalate	ND	U	150000	13000	10	11/23/08	12/01/08	JWG0804509	
Benzo(b)fluoranthene	**24000**	~~JD~~ J	150000	17000	10	11/23/08	12/01/08	JWG0804509	*
Benzo(k)fluoranthene	**19000**	~~JD~~ J	150000	14000	10	11/23/08	12/01/08	JWG0804509	*
Benzo(a)pyrene	ND	U	150000	16000	10	11/23/08	12/01/08	JWG0804509	*
Indeno(1,2,3-cd)pyrene	ND	U	150000	16000	10	11/23/08	12/01/08	JWG0804509	*
Dibenz(a,h)anthracene	ND	U	150000	19000	10	11/23/08	12/01/08	JWG0804509	*
Benzo(g,h,i)perylene	ND	U	150000	14000	10	11/23/08	12/01/08	JWG0804509	*

* See Case Narrative

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805565
Date Collected: 11/11/2008
Date Received: 11/14/2008

Polychlorinated Biphenyls (PCB Aroclors) by GC-ECD

Sample Name: CT-5~~S~~D S
Lab Code: J0805565-003

Units: ug/Kg
Basis: Dry

Extraction Method: EPA 3550
Analysis Method: 8082

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Aroclor 1016	ND	U R	67	6.5	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1221	ND	U	67	41	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1232	ND	U	67	31	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1242	ND	U	67	12	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1248	ND	U	67	14	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1254	ND	U	67	11	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1260	ND	U	67	2.9	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1262	ND	U	67	6.7	1	11/20/08	12/02/08	JWG0804504	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Decachlorobiphenyl	5	35-134	12/02/08	Outside Control Limits

01/19/09

Comments:

ORGANIC ANALYSIS DATA SHEET
EPA 8015B

B807024-03 (J0805565-003)

CT-SSD

Laboratory:	ENCO Cary			SDG:	
Client:	Columbia Analytical Svcs.			Project:	J0805565
Matrix:	Soil	Laboratory ID:	B807024-03	File ID:	2L1a027-0
Sampled:	11/11/08 15:20	Prepared:	11/25/08 15:00	Analyzed:	12/02/08 09:47
Solids:	21.58	Preparation:	EPA 5035	Initial/Final:	5.05 g / 500 mL
Batch:	8K25026	Sequence:	CA05132	Calibration:	0811119
Instrument:	CVGCPID1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	MDL	MRL
NA	GRO (C6-C10)	1	16	J	3.8	25

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
2,5-Dibromotoluene	45.9	19	41	28 - 139	

* Values outside of QC limits

01/19/09

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/11/2008
Sample Matrix:	Solid	**Date Received:**	11/14/2008

Diesel Range Organics (DRO) by GC

Sample Name:	CT-5~~5~~S D	**Units:**	mg/Kg
Lab Code:	J0805565-003	**Basis:**	Dry
Extraction Method:	EPA 3550	**Level:**	Low
Analysis Method:	8015B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C10 - C28 DRO	**230000**	~~D~~ e	8400	1600	20	11/23/08	11/25/08	JWG0804515	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	22236	36-136	11/25/08	Outside Control Limits

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

CT-55D S

Client: Tetra Tech EM, Incorporated

Lab Code: CAS-JAX Project No.: 103DX9017000100 SAS No.: SDG NO.: J0805565

Matrix (soil/water): SOLID Lab Sample ID: J0805565-003

Level (low/med): LOW Date Received: 11/14/2008

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.24 ~~0.06~~	U		MS
7440-39-3	Barium	195			MS
7440-43-9	Cadmium	0.24 ~~0.03~~	U		MS
7440-47-3	Chromium	4.3			MS
7439-92-1	Lead	4.0			MS
7439-97-6	Mercury	0.025 ~~0.008~~	~~B~~	U	CV
7782-49-2	Selenium	0.5 ~~0.2~~	U		MS
7440-22-4	Silver	0.96			MS

01/19/09

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Tetra Tech EM, Incorporated
Project Name : Seven Out
Project Number : 103DX901700010076
Sample Matrix : SOLID

Service Request : J0805565
Date Collected : 11/11/08
Date Received : 11/14/08

Inorganic Parameters

Sample Name : CT-5~~5~~D S
Lab Code : J0805565-003
Test Notes :

Basis : NA

Analyte	Units	Analysis Method	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
Corrosivity	pH UNITS	9045D	-	-	1	11/17/08 16:00	8.1	
Ignitability	mm/sec	1030	-	-	1	11/21/08 10:00	U	
Solids, Total	PERCENT	160.3 MOD	0.1	0.1	1	11/18/08 09:50	24	

01/19/09

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805578
Date Collected: 11/14/2008
Date Received: 11/15/2008

Volatile Organic Compounds by GC/MS

Sample Name: DP-2S
Lab Code: J0805578-003

Units: ug/Kg
Basis: Dry

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q		MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	UJ	U	2400	2400	1	11/21/08	11/21/08	JWG0804513	
Chloromethane	ND	U		120	7.8	1	11/21/08	11/21/08	JWG0804513	
Vinyl Chloride	ND	U		120	7.5	1	11/21/08	11/21/08	JWG0804513	
Bromomethane	ND	U		120	5.9	1	11/21/08	11/21/08	JWG0804513	
Chloroethane	ND	U		120	11	1	11/21/08	11/21/08	JWG0804513	
Trichlorofluoromethane	ND	U		120	7.1	1	11/21/08	11/21/08	JWG0804513	
Trichlorotrifluoroethane	ND	U		120	8.9	1	11/21/08	11/21/08	JWG0804513	
1,1-Dichloroethene	ND	U		120	7.1	1	11/21/08	11/21/08	JWG0804513	
Acetone	**11000**	J	J+	3000	59	1	11/21/08	11/21/08	JWG0804513	
Carbon Disulfide	ND	UJ	U	240	21	1	11/21/08	11/21/08	JWG0804513	
Methyl Acetate	ND	UJ	U	240	7.3	1	11/21/08	11/21/08	JWG0804513	
Methylene Chloride	**120**	J	J+	1200	24	1	11/21/08	11/21/08	JWG0804513	
trans-1,2-Dichloroethene	ND	UJ	U	120	3.1	1	11/21/08	11/21/08	JWG0804513	
Methyl tert-Butyl Ether	ND	U		120	3.8	1	11/21/08	11/21/08	JWG0804513	
1,1-Dichloroethane	ND	U		120	3.8	1	11/21/08	11/21/08	JWG0804513	
cis-1,2-Dichloroethene	ND	U		120	8.5	1	11/21/08	11/21/08	JWG0804513	
2-Butanone (MEK)	ND	U		590	40	1	11/21/08	11/21/08	JWG0804513	
Chloroform	ND	U		120	3.8	1	11/21/08	11/21/08	JWG0804513	
1,1,1-Trichloroethane (TCA)	ND	U		120	5.9	1	11/21/08	11/21/08	JWG0804513	
Cyclohexane	ND	U		240	5.9	1	11/21/08	11/21/08	JWG0804513	
Carbon Tetrachloride	ND	U		120	6.1	1	11/21/08	11/21/08	JWG0804513	
1,2-Dichloroethane (EDC)	ND	U		120	6.1	1	11/21/08	11/21/08	JWG0804513	
Trichloroethene (TCE)	**93**	J	J+	120	23	1	11/21/08	11/21/08	JWG0804513	
Methylcyclohexane	**750**	J	J+	240	7.1	1	11/21/08	11/21/08	JWG0804513	
1,2-Dichloropropane	ND	UJ	U	120	7.1	1	11/21/08	11/21/08	JWG0804513	
Bromodichloromethane	ND	U		120	5.9	1	11/21/08	11/21/08	JWG0804513	
cis-1,3-Dichloropropene	ND	U		120	8.0	1	11/21/08	11/21/08	JWG0804513	
4-Methyl-2-pentanone (MIBK)	**1000**	J	J+	240	16	1	11/21/08	11/21/08	JWG0804513	
trans-1,3-Dichloropropene	ND	UJ	U	120	5.2	1	11/21/08	11/21/08	JWG0804513	
1,1,2-Trichloroethane	ND	UJ	U	120	9.2	1	11/21/08	11/21/08	JWG0804513	
Tetrachloroethene (PCE)	**130**	J	J+	120	8.9	1	11/21/08	11/21/08	JWG0804513	
2-Hexanone	ND	UJ	U	240	22	1	11/21/08	11/21/08	JWG0804513	
Dibromochloromethane	ND	U		120	8.0	1	11/21/08	11/21/08	JWG0804513	
1,2-Dibromoethane (EDB)	ND	U		120	6.6	1	11/21/08	11/21/08	JWG0804513	
Chlorobenzene	**430**	J	J+	120	6.1	1	11/21/08	11/21/08	JWG0804513	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/14/2008
Sample Matrix:	Solid	**Date Received:**	11/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	DP-2S	**Units:**	ug/Kg
Lab Code:	J0805578-003	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Styrene	35	J+	120	4.5	1	11/21/08	11/21/08	JWG0804513	
Bromoform	ND	U	120	9.4	1	11/21/08	11/21/08	JWG0804513	
1,1,2,2-Tetrachloroethane	ND	U	120	7.5	1	11/21/08	11/21/08	JWG0804513	
1,3-Dichlorobenzene	ND	U	120	4.0	1	11/21/08	11/21/08	JWG0804513	*
1,4-Dichlorobenzene	ND	U	120	6.8	1	11/21/08	11/21/08	JWG0804513	*
1,2-Dichlorobenzene	ND	U	120	6.1	1	11/21/08	11/21/08	JWG0804513	*
1,2-Dibromo-3-chloropropane (DBCP	ND	U	240	12	1	11/21/08	11/21/08	JWG0804513	*
1,2,4-Trichlorobenzene	ND	U	240	13	1	11/21/08	11/21/08	JWG0804513	*

* See Case Narrative

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	106	75-119	11/21/08	Acceptable
4-Bromofluorobenzene	205	74-129	11/21/08	Outside Control Limits
Dibromofluoromethane	117	78-125	11/21/08	Acceptable
Toluene-d8	149	81-136	11/21/08	Outside Control Limits

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/14/2008
Sample Matrix:	Solid	**Date Received:**	11/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	DP-2S	**Units:**	mg/Kg
Lab Code:	J0805578-003	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Med
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	**2.7**	J+	0.47	0.15	1	11/19/08	11/19/08	JWG0804448	
Toluene	**1.4**	J+	0.47	0.11	1	11/19/08	11/19/08	JWG0804448	
Ethylbenzene	**1.2**	J+	0.47	0.11	1	11/19/08	11/19/08	JWG0804448	
Total Xylenes	**4.0**	J+	1.4	0.38	1	11/19/08	11/19/08	JWG0804448	
Isopropylbenzene	**0.62**	J+	0.47	0.11	1	11/19/08	11/19/08	JWG0804448	

Surrogate Name	%Rec	Control Limits	Note

gaw
01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805578
Date Collected: 11/14/2008
Date Received: 11/15/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: DP-2S
Lab Code: J0805578-003

Units: ug/Kg
Basis: Dry

Extraction Method: EPA 3550
Analysis Method: 8270C

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzaldehyde	ND	U	170000	53000	5	11/23/08	12/01/08	JWG0804509	
N-Nitrosodiphenylamine†	ND	U	81000	5300	5	11/23/08	12/01/08	JWG0804509	
Bis(2-chloroethyl) Ether	ND	U	81000	7200	5	11/23/08	12/01/08	JWG0804509	
Phenol	ND	U	81000	7700	5	11/23/08	12/01/08	JWG0804509	
2-Chlorophenol	ND	U	81000	8600	5	11/23/08	12/01/08	JWG0804509	*
Bis(2-chloroisopropyl) Ether	ND	U	81000	11000	5	11/23/08	12/01/08	JWG0804509	*
2-Methylphenol	ND	U	81000	5800	5	11/23/08	12/01/08	JWG0804509	
Acetophenone	ND	U	170000	40000	5	11/23/08	12/01/08	JWG0804509	
Hexachloroethane	ND	U	81000	8100	5	11/23/08	12/01/08	JWG0804509	
N-Nitrosodi-n-propylamine	ND	U	81000	8600	5	11/23/08	12/01/08	JWG0804509	
4-Methylphenol†	ND	U	81000	13000	5	11/23/08	12/01/08	JWG0804509	
Nitrobenzene	ND	U	81000	9600	5	11/23/08	12/01/08	JWG0804509	
Isophorone	ND	U	81000	6200	5	11/23/08	12/01/08	JWG0804509	
2-Nitrophenol	ND	U	320000	6700	5	11/23/08	12/01/08	JWG0804509	
2,4-Dimethylphenol	ND	U	81000	9100	5	11/23/08	12/01/08	JWG0804509	
bis(2-Chloroethoxy)methane	ND	U	81000	8100	5	11/23/08	12/01/08	JWG0804509	
2,4-Dichlorophenol	ND	U	81000	8100	5	11/23/08	12/01/08	JWG0804509	
Naphthalene	**37000**	~~JD~~ J	81000	6200	5	11/23/08	12/01/08	JWG0804509	
4-Chloroaniline	ND	U	81000	13000	5	11/23/08	12/01/08	JWG0804509	
Hexachlorobutadiene	ND	U	81000	8100	5	11/23/08	12/01/08	JWG0804509	*
4-Chloro-3-methylphenol	ND	U	81000	7700	5	11/23/08	12/01/08	JWG0804509	
Caprolactam	ND	U	81000	16000	5	11/23/08	12/01/08	JWG0804509	
2-Methylnaphthalene	**110000**	~~D~~	81000	7200	5	11/23/08	12/01/08	JWG0804509	
Hexachlorocyclopentadiene	ND	U	81000	5300	5	11/23/08	12/01/08	JWG0804509	
2,4,6-Trichlorophenol	ND	U	81000	18000	5	11/23/08	12/01/08	JWG0804509	
2,4,5-Trichlorophenol	ND	U	81000	6200	5	11/23/08	12/01/08	JWG0804509	
2-Chloronaphthalene	ND	U	81000	7700	5	11/23/08	12/01/08	JWG0804509	
2-Nitroaniline	ND	U	81000	11000	5	11/23/08	12/01/08	JWG0804509	
Biphenyl	ND	U	170000	72000	5	11/23/08	12/01/08	JWG0804509	
Acenaphthylene	ND	U	81000	9100	5	11/23/08	12/01/08	JWG0804509	
Dimethyl Phthalate	ND	U	81000	4700	5	11/23/08	12/01/08	JWG0804509	
2,6-Dinitrotoluene	ND	U	81000	18000	5	11/23/08	12/01/08	JWG0804509	
Acenaphthene	ND	U	81000	9100	5	11/23/08	12/01/08	JWG0804509	
3-Nitroaniline	ND	U	81000	8100	5	11/23/08	12/01/08	JWG0804509	

Comments: 01/19/09

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805578
Date Collected: 11/14/2008
Date Received: 11/15/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: DP-2S
Lab Code: J0805578-003

Units: ug/Kg
Basis: Dry

Extraction Method: EPA 3550
Analysis Method: 8270C

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,4-Dinitrophenol	ND	U	320000	5800	5	11/23/08	12/01/08	JWG0804509	
Dibenzofuran	ND	U	81000	6200	5	11/23/08	12/01/08	JWG0804509	
4-Nitrophenol	ND	U	320000	8100	5	11/23/08	12/01/08	JWG0804509	
2,4-Dinitrotoluene	ND	U	81000	4700	5	11/23/08	12/01/08	JWG0804509	
Fluorene	ND	U	81000	4800	5	11/23/08	12/01/08	JWG0804509	
4-Chlorophenyl Phenyl Ether	ND	U	81000	11000	5	11/23/08	12/01/08	JWG0804509	
Diethyl Phthalate	ND	U	81000	5800	5	11/23/08	12/01/08	JWG0804509	
4-Nitroaniline	ND	U	81000	5800	5	11/23/08	12/01/08	JWG0804509	*
2-Methyl-4,6-dinitrophenol	ND	U	320000	4500	5	11/23/08	12/01/08	JWG0804509	
4-Bromophenyl Phenyl Ether	ND	U	81000	4700	5	11/23/08	12/01/08	JWG0804509	
Hexachlorobenzene	ND	U	81000	4000	5	11/23/08	12/01/08	JWG0804509	
Pentachlorophenol	ND	U	320000	11000	5	11/23/08	12/01/08	JWG0804509	
Phenanthrene	ND	U	81000	6200	5	11/23/08	12/01/08	JWG0804509	
Anthracene	ND	U	81000	5300	5	11/23/08	12/01/08	JWG0804509	
Atrazine	ND	U	170000	72000	5	11/23/08	12/01/08	JWG0804509	
Carbazole	ND	U	81000	7700	5	11/23/08	12/01/08	JWG0804509	
Di-n-butyl Phthalate	ND	U	81000	30000	5	11/23/08	12/01/08	JWG0804509	
Fluoranthene	ND	U	81000	5800	5	11/23/08	12/01/08	JWG0804509	
Pyrene	ND	U	81000	6700	5	11/23/08	12/01/08	JWG0804509	*
Butyl Benzyl Phthalate	ND	U	170000	8600	5	11/23/08	12/01/08	JWG0804509	*
3,3'-Dichlorobenzidine	ND	U	320000	17000	5	11/23/08	12/01/08	JWG0804509	*
Benz(a)anthracene	ND	U	81000	5300	5	11/23/08	12/01/08	JWG0804509	*
Chrysene	ND	U	81000	11000	5	11/23/08	12/01/08	JWG0804509	*
Bis(2-ethylhexyl) Phthalate	**8000**	~~JD~~ J	81000	7700	5	11/23/08	12/01/08	JWG0804509	*
Di-n-octyl Phthalate	ND	U	81000	7200	5	11/23/08	12/01/08	JWG0804509	*
Benzo(b)fluoranthene	ND	U	81000	9600	5	11/23/08	12/01/08	JWG0804509	*
Benzo(k)fluoranthene	ND	U	81000	7700	5	11/23/08	12/01/08	JWG0804509	*
Benzo(a)pyrene	ND	U	81000	9100	5	11/23/08	12/01/08	JWG0804509	*
Indeno(1,2,3-cd)pyrene	ND	U	81000	8600	5	11/23/08	12/01/08	JWG0804509	*
Dibenz(a,h)anthracene	ND	U	81000	11000	5	11/23/08	12/01/08	JWG0804509	*
Benzo(g,h,i)perylene	ND	U	81000	7700	5	11/23/08	12/01/08	JWG0804509	*

* See Case Narrative

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805578
Date Collected: 11/14/2008
Date Received: 11/15/2008

Polychlorinated Biphenyls (PCB Aroclors) by GC-ECD

Sample Name: DP-2S
Lab Code: J0805578-003

Extraction Method: EPA 3550
Analysis Method: 8082

Units: ug/Kg
Basis: Dry
Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Aroclor 1016	ND	U R	320	31	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1221	ND	U	320	200	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1232	ND	U	320	150	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1242	ND	U	320	53	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1248	ND	U	320	65	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1254	ND	U	320	48	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1260	ND	U	320	14	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1262	ND	U	320	32	1	11/20/08	12/02/08	JWG0804504	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Decachlorobiphenyl	5	35-134	12/02/08	Outside Control Limits

01/19/09

Comments:

ORGANIC ANALYSIS DATA SHEET
EPA 8015B

J0805578-003

DP-2S

Laboratory:	ENCO Cary		SDG:		
Client:	Columbia Analytical Svcs.		Project:	J0805578	
Matrix:	Soil	Laboratory ID:	B807025-03	File ID:	2L1a023-0
Sampled:	11/14/08 08:00	Prepared:	11/25/08 15:00	Analyzed:	12/02/08 00:24
Solids:	15.09	Preparation:	EPA 5035	Initial/Final:	5 g / 500 mL
Batch:	8K25026	Sequence: CA05132	Calibration:	0811119	Instrument: CVGCPID1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	MDL	MRL
NA	GRO (C6-C10)	1	230		5.4	36

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
2,5-Dibromotoluene	66.3	50	75	28 - 139	

* Values outside of QC limits

01/19/09

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/14/2008
Sample Matrix:	Solid	**Date Received:**	11/15/2008

Diesel Range Organics (DRO) by GC

Sample Name:	DP-2S	**Units:**	mg/Kg
Lab Code:	J0805578-003	**Basis:**	Dry
Extraction Method:	EPA 3550	**Level:**	Low
Analysis Method:	8015B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C10 - C28 DRO	**42000**	~~D~~ e	2400	430	5	11/23/08	11/25/08	JWG0804515	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	2135	36-136	11/25/08	Outside Control Limits

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

DP-2S

Client: Tetra Tech EM, Incorporated

Lab Code: CAS-JAX Project No.: 103DX9017000100 SAS No.: SDG NO.: J0805578

Matrix (soil/water): SOLID Lab Sample ID: J0805578-003

Level (low/med): LOW Date Received: 11/15/2008

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	17			MS
7440-39-3	Barium	29			MS
7440-43-9	Cadmium	0.47 ~~0.07~~	U		MS
7440-47-3	Chromium	10			MS
7439-92-1	Lead	2.3			MS
7439-97-6	Mercury	0.0250 ~~0.011~~	~~B~~	U	CV
7782-49-2	Selenium	0.9 ~~0.4~~	U		MS
7440-22-4	Silver	0.10	~~B~~	J	MS

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01/19/09

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Tetra Tech EM, Incorporated
Project Name : Seven Out
Project Number : 103DX901700010076
Sample Matrix : SOLID

Service Request : J0805578
Date Collected : 11/14/08
Date Received : 11/15/08

Inorganic Parameters

Sample Name : DP-2S
Lab Code : J0805578-003
Test Notes :

Basis : NA

Analyte	Units	Analysis Method	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
Corrosivity	pH UNITS	9045D	-	-	1	11/17/08 16:00	8.9	
Ignitability	mm/sec	1030	-	-	1	11/21/08 10:00	U	
Solids, Total	PERCENT	160.3 MOD	0.1	0.1	1	11/18/08 09:50	21	

01/19/09

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805578
Date Collected: 11/13/2008
Date Received: 11/15/2008

Volatile Organic Compounds by GC/MS

Sample Name: OP-4S
Lab Code: J0805578-001

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/Kg
Basis: Dry

Level: Low

Analyte Name	Result	Q		MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	U	2600	2600	1	11/21/08	11/21/08	JWG0804513	
Chloromethane	ND	U		130	8.5	1	11/21/08	11/21/08	JWG0804513	
Vinyl Chloride	ND	U		130	8.3	1	11/21/08	11/21/08	JWG0804513	
Bromomethane	ND	U		130	6.5	1	11/21/08	11/21/08	JWG0804513	
Chloroethane	ND	U		130	12	1	11/21/08	11/21/08	JWG0804513	
Trichlorofluoromethane	ND	U		130	7.8	1	11/21/08	11/21/08	JWG0804513	
Trichlorotrifluoroethane	ND	U		130	9.8	1	11/21/08	11/21/08	JWG0804513	
1,1-Dichloroethene	ND	U		130	7.8	1	11/21/08	11/21/08	JWG0804513	
Carbon Disulfide	ND	U		260	23	1	11/21/08	11/21/08	JWG0804513	
Methyl Acetate	ND	U		260	8.0	1	11/21/08	11/21/08	JWG0804513	
Methylene Chloride	**520**	J	J+	1300	26	1	11/21/08	11/21/08	JWG0804513	
trans-1,2-Dichloroethene	ND	U	U	130	3.4	1	11/21/08	11/21/08	JWG0804513	
Methyl tert-Butyl Ether	**370**	J	J+	130	4.2	1	11/21/08	11/21/08	JWG0804513	
1,1-Dichloroethane	ND	U	U	130	4.2	1	11/21/08	11/21/08	JWG0804513	
cis-1,2-Dichloroethene	ND	U	U	130	9.3	1	11/21/08	11/21/08	JWG0804513	
2-Butanone (MEK)	**23000**	J	J+	650	44	1	11/21/08	11/21/08	JWG0804513	
Chloroform	ND	U	U	130	4.2	1	11/21/08	11/21/08	JWG0804513	
1,1,1-Trichloroethane (TCA)	ND	U		130	6.5	1	11/21/08	11/21/08	JWG0804513	
Cyclohexane	ND	U		260	6.5	1	11/21/08	11/21/08	JWG0804513	
Carbon Tetrachloride	ND	U		130	6.7	1	11/21/08	11/21/08	JWG0804513	
1,2-Dichloroethane (EDC)	ND	U		130	6.7	1	11/21/08	11/21/08	JWG0804513	
Trichloroethene (TCE)	**140**	J	J+	130	25	1	11/21/08	11/21/08	JWG0804513	
Methylcyclohexane	**4900**	J	J+	260	7.8	1	11/21/08	11/21/08	JWG0804513	*
1,2-Dichloropropane	ND	U	U	130	7.8	1	11/21/08	11/21/08	JWG0804513	
Bromodichloromethane	ND	U		130	6.5	1	11/21/08	11/21/08	JWG0804513	
cis-1,3-Dichloropropene	ND	U		130	8.8	1	11/21/08	11/21/08	JWG0804513	*
4-Methyl-2-pentanone (MIBK)	**16000**	J	J+	260	18	1	11/21/08	11/21/08	JWG0804513	*
trans-1,3-Dichloropropene	ND	U	U	130	5.7	1	11/21/08	11/21/08	JWG0804513	*
1,1,2-Trichloroethane	ND	U		130	11	1	11/21/08	11/21/08	JWG0804513	*
2-Hexanone	ND	U		260	24	1	11/21/08	11/21/08	JWG0804513	*
Dibromochloromethane	ND	U		130	8.8	1	11/21/08	11/21/08	JWG0804513	*
1,2-Dibromoethane (EDB)	ND	U		130	7.3	1	11/21/08	11/21/08	JWG0804513	*
Styrene	**750**	J	J+	130	4.9	1	11/21/08	11/21/08	JWG0804513	*
Bromoform	ND	U	U	130	11	1	11/21/08	11/21/08	JWG0804513	*
1,1,2,2-Tetrachloroethane	ND	U	U	130	8.3	1	11/21/08	11/21/08	JWG0804513	*

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/13/2008
Sample Matrix:	Solid	**Date Received:**	11/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	OP-4S	**Units:**	ug/Kg
Lab Code:	J0805578-001	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,3-Dichlorobenzene	ND	U	130	4.4	1	11/21/08	11/21/08	JWG0804513	*
1,4-Dichlorobenzene	ND	U	130	7.5	1	11/21/08	11/21/08	JWG0804513	*
1,2-Dichlorobenzene	ND	U	130	6.7	1	11/21/08	11/21/08	JWG0804513	*
1,2-Dibromo-3-chloropropane (DBCP	ND	U	260	13	1	11/21/08	11/21/08	JWG0804513	*
1,2,4-Trichlorobenzene	ND	U	260	14	1	11/21/08	11/21/08	JWG0804513	*

* See Case Narrative

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	123	75-119	11/21/08	Outside Control Limits
4-Bromofluorobenzene	330	74-129	11/21/08	Outside Control Limits
Dibromofluoromethane	131	78-125	11/21/08	Outside Control Limits
Toluene-d8	172	81-136	11/21/08	Outside Control Limits

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/13/2008
Sample Matrix:	Solid	**Date Received:**	11/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	OP-4S	**Units:**	mg/Kg
Lab Code:	J0805578-001	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Med
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Acetone	**130**	J+	28	1.1	1	11/19/08	11/19/08	JWG0804448	
Benzene	**140**	J+	5.5	1.7	1	11/19/08	11/19/08	JWG0804448	
Toluene	**15**	J+	0.55	0.13	1	11/19/08	11/19/08	JWG0804448	
Tetrachloroethene (PCE)	**0.90**	J+	0.55	0.17	1	11/19/08	11/19/08	JWG0804448	
Chlorobenzene	**4.2**	J+	0.55	0.099	1	11/19/08	11/19/08	JWG0804448	
Ethylbenzene	**4.6**	J+	0.55	0.13	1	11/19/08	11/19/08	JWG0804448	
Total Xylenes	**23**	J+	1.7	0.43	1	11/19/08	11/19/08	JWG0804448	
Isopropylbenzene	**0.52**	J+	0.55	0.13	1	11/19/08	11/19/08	JWG0804448	

Surrogate Name	%Rec	Control Limits	Note

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01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805578
Date Collected: 11/13/2008
Date Received: 11/15/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: OP-4S
Lab Code: J0805578-001

Units: ug/Kg
Basis: Dry

Extraction Method: EPA 3550
Analysis Method: 8270C

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzaldehyde	ND	U	190000	61000	5	11/23/08	12/01/08	JWG0804509	
N-Nitrosodiphenylamine†	ND	U	94000	6100	5	11/23/08	12/01/08	JWG0804509	
Bis(2-chloroethyl) Ether	ND	U	94000	8300	5	11/23/08	12/01/08	JWG0804509	
Phenol	**530000**	~~D~~ e	94000	8900	5	11/23/08	12/01/08	JWG0804509	
2-Chlorophenol	ND	U	94000	10000	5	11/23/08	12/01/08	JWG0804509	*
Bis(2-chloroisopropyl) Ether	ND	U	94000	12000	5	11/23/08	12/01/08	JWG0804509	*
2-Methylphenol	ND	U	94000	6700	5	11/23/08	12/01/08	JWG0804509	
Acetophenone	ND	U	190000	46000	5	11/23/08	12/01/08	JWG0804509	
Hexachloroethane	ND	U	94000	9400	5	11/23/08	12/01/08	JWG0804509	
N-Nitrosodi-n-propylamine	ND	U	94000	10000	5	11/23/08	12/01/08	JWG0804509	
4-Methylphenol†	ND	U	94000	15000	5	11/23/08	12/01/08	JWG0804509	
Nitrobenzene	ND	U	94000	12000	5	11/23/08	12/01/08	JWG0804509	
Isophorone	ND	U	94000	7200	5	11/23/08	12/01/08	JWG0804509	
2-Nitrophenol	ND	U	380000	7800	5	11/23/08	12/01/08	JWG0804509	
2,4-Dimethylphenol	ND	U	94000	11000	5	11/23/08	12/01/08	JWG0804509	
bis(2-Chloroethoxy)methane	ND	U	94000	9400	5	11/23/08	12/01/08	JWG0804509	
2,4-Dichlorophenol	ND	U	94000	9400	5	11/23/08	12/01/08	JWG0804509	
Naphthalene	**38000**	~~JD~~ e J	94000	7200	5	11/23/08	12/01/08	JWG0804509	
4-Chloroaniline	ND	U	94000	15000	5	11/23/08	12/01/08	JWG0804509	
Hexachlorobutadiene	ND	U	94000	9400	5	11/23/08	12/01/08	JWG0804509	*
4-Chloro-3-methylphenol	ND	U	94000	8900	5	11/23/08	12/01/08	JWG0804509	
Caprolactam	ND	U	94000	19000	5	11/23/08	12/01/08	JWG0804509	
2-Methylnaphthalene	**75000**	~~JD~~ e J	94000	8300	5	11/23/08	12/01/08	JWG0804509	
Hexachlorocyclopentadiene	ND	U	94000	6100	5	11/23/08	12/01/08	JWG0804509	
2,4,6-Trichlorophenol	ND	U	94000	20000	5	11/23/08	12/01/08	JWG0804509	
2,4,5-Trichlorophenol	ND	U	94000	7200	5	11/23/08	12/01/08	JWG0804509	
2-Chloronaphthalene	ND	U	94000	8900	5	11/23/08	12/01/08	JWG0804509	
2-Nitroaniline	ND	U	94000	13000	5	11/23/08	12/01/08	JWG0804509	
Biphenyl	ND	U	190000	83000	5	11/23/08	12/01/08	JWG0804509	
Acenaphthylene	ND	U	94000	11000	5	11/23/08	12/01/08	JWG0804509	
Dimethyl Phthalate	ND	U	94000	5500	5	11/23/08	12/01/08	JWG0804509	
2,6-Dinitrotoluene	ND	U	94000	20000	5	11/23/08	12/01/08	JWG0804509	
Acenaphthene	ND	U	94000	11000	5	11/23/08	12/01/08	JWG0804509	
3-Nitroaniline	ND	U	94000	9400	5	11/23/08	12/01/08	JWG0804509	

Comments: gam 01/19/09

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805578
Date Collected: 11/13/2008
Date Received: 11/15/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: OP-4S
Lab Code: J0805578-001

Units: ug/Kg
Basis: Dry

Extraction Method: EPA 3550
Analysis Method: 8270C

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,4-Dinitrophenol	ND	U	380000	6700	5	11/23/08	12/01/08	JWG0804509	
Dibenzofuran	ND	U	94000	7200	5	11/23/08	12/01/08	JWG0804509	
4-Nitrophenol	ND	U	380000	9400	5	11/23/08	12/01/08	JWG0804509	
2,4-Dinitrotoluene	ND	U	94000	5500	5	11/23/08	12/01/08	JWG0804509	
Fluorene	ND	U	94000	5600	5	11/23/08	12/01/08	JWG0804509	
4-Chlorophenyl Phenyl Ether	ND	U	94000	13000	5	11/23/08	12/01/08	JWG0804509	
Diethyl Phthalate	ND	U	94000	6700	5	11/23/08	12/01/08	JWG0804509	
4-Nitroaniline	ND	U	94000	6700	5	11/23/08	12/01/08	JWG0804509	*
2-Methyl-4,6-dinitrophenol	ND	U	380000	5200	5	11/23/08	12/01/08	JWG0804509	
4-Bromophenyl Phenyl Ether	ND	U	94000	5500	5	11/23/08	12/01/08	JWG0804509	
Hexachlorobenzene	ND	U	94000	4600	5	11/23/08	12/01/08	JWG0804509	
Pentachlorophenol	ND	U	380000	13000	5	11/23/08	12/01/08	JWG0804509	
Phenanthrene	ND	U	94000	7200	5	11/23/08	12/01/08	JWG0804509	
Anthracene	ND	U	94000	6100	5	11/23/08	12/01/08	JWG0804509	
Atrazine	ND	U	190000	83000	5	11/23/08	12/01/08	JWG0804509	
Carbazole	ND	U	94000	8900	5	11/23/08	12/01/08	JWG0804509	
Di-n-butyl Phthalate	ND	U	94000	34000	5	11/23/08	12/01/08	JWG0804509	
Fluoranthene	ND	U	94000	6700	5	11/23/08	12/01/08	JWG0804509	
Pyrene	ND	U	94000	7800	5	11/23/08	12/01/08	JWG0804509	*
Butyl Benzyl Phthalate	ND	U	190000	10000	5	11/23/08	12/01/08	JWG0804509	*
3,3'-Dichlorobenzidine	ND	U	380000	19000	5	11/23/08	12/01/08	JWG0804509	*
Benz(a)anthracene	ND	U	94000	6100	5	11/23/08	12/01/08	JWG0804509	*
Chrysene	ND	U	94000	13000	5	11/23/08	12/01/08	JWG0804509	*
Bis(2-ethylhexyl) Phthalate	**9200**	~~JB~~ J	94000	8900	5	11/23/08	12/01/08	JWG0804509	*
Di-n-octyl Phthalate	ND	U	94000	8300	5	11/23/08	12/01/08	JWG0804509	*
Benzo(b)fluoranthene	ND	U	94000	12000	5	11/23/08	12/01/08	JWG0804509	*
Benzo(k)fluoranthene	ND	U	94000	8900	5	11/23/08	12/01/08	JWG0804509	*
Benzo(a)pyrene	ND	U	94000	11000	5	11/23/08	12/01/08	JWG0804509	*
Indeno(1,2,3-cd)pyrene	ND	U	94000	10000	5	11/23/08	12/01/08	JWG0804509	*
Dibenz(a,h)anthracene	ND	U	94000	13000	5	11/23/08	12/01/08	JWG0804509	*
Benzo(g,h,i)perylene	ND	U	94000	8900	5	11/23/08	12/01/08	JWG0804509	*

* See Case Narrative

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805578
Date Collected: 11/13/2008
Date Received: 11/15/2008

Polychlorinated Biphenyls (PCB Aroclors) by GC-ECD

Sample Name: OP-4S
Lab Code: J0805578-001

Extraction Method: EPA 3550
Analysis Method: 8082

Units: ug/Kg
Basis: Dry

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Aroclor 1016	ND	U R	370	36	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1221	ND	U	370	230	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1232	ND	U	370	170	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1242	ND	U	370	62	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1248	ND	U	370	76	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1254	ND	U	370	56	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1260	ND	U	370	16	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1262	ND	U	370	37	1	11/20/08	12/02/08	JWG0804504	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Decachlorobiphenyl	5	35-134	12/02/08	Outside Control Limits

01/19/09

Comments:

ORGANIC ANALYSIS DATA SHEET

EPA 8015B

J0805578-001

OP-4S

Laboratory:	ENCO Cary		SDG:		
Client:	Columbia Analytical Svcs.		Project:	J0805578	
Matrix:	Soil	Laboratory ID:	B807025-01	File ID:	2L1a021-0
Sampled:	11/13/08 10:00	Prepared:	11/25/08 15:00	Analyzed:	12/01/08 23:23
Solids:	17.40	Preparation:	EPA 5035	Initial/Final:	5.04 g / 500 mL
Batch:	8K25026	Sequence: CA05132	Calibration:	0811119	Instrument: CVGCPID1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	MDL	MRL
NA	GRO (C6-C10)	1	580		4.7	32

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
2,5-Dibromotoluene	57.0	42	74	28 - 139	

* Values outside of QC limits

01/19/09

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/13/2008
Sample Matrix:	Solid	**Date Received:**	11/15/2008

Diesel Range Organics (DRO) by GC

Sample Name:	OP-4S	**Units:**	mg/Kg
Lab Code:	J0805578-001	**Basis:**	Dry
Extraction Method:	EPA 3550	**Level:**	Low
Analysis Method:	8015B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C10 - C28 DRO	**160000**	~~D~~	5600	1000	10	11/23/08	11/25/08	JWG0804515	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	25040	36-136	11/25/08	Outside Control Limits

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

OP-4S

Client: Tetra Tech EM, Incorporated

Lab Code: CAS-JAX Project No.: 103DX9017000100 SAS No.: SDG NO.: J0805578

Matrix (soil/water): SOLID Lab Sample ID: J0805578-001

Level (low/med): LOW Date Received: 11/15/2008

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.59			MS
7440-39-3	Barium	9.2			MS
7440-43-9	Cadmium	0.07	~~B~~	J	MS
7440-47-3	Chromium	2.6			MS
7439-92-1	Lead	3.9			MS
7439-97-6	Mercury	0.025 ~~0.005~~	~~B~~	U	CV
7782-49-2	Selenium	0.5 ~~0.2~~	U		MS
7440-22-4	Silver	0.77			MS

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Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Tetra Tech EM, Incorporated
Project Name : Seven Out
Project Number : 103DX901700010076
Sample Matrix : SOLID

Service Request : J0805578
Date Collected : 11/13/08
Date Received : 11/15/08

Inorganic Parameters

Sample Name : OP-4S
Lab Code : J0805578-001
Test Notes :

Basis : NA

Analyte	Units	Analysis Method	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
Corrosivity	pH UNITS	9045D	-	-	1	11/17/08 16:00	8.7	
Flash Point	DEG F	1020A	70	70	1	11/21/08 10:00	>200	
Solids, Total	PERCENT	160.3 MOD	0.1	0.1	1	11/18/08 09:50	18	

01/19/09

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/13/2008
Sample Matrix:	Solid	**Date Received:**	11/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	SH-1S	**Units:**	ug/Kg
Lab Code:	J0805578-002	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q		MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	UJ	U	6500	6500	1	11/21/08	11/21/08	JWG0804513	
Chloromethane	ND	U		330	22	1	11/21/08	11/21/08	JWG0804513	
Vinyl Chloride	ND	U		330	21	1	11/21/08	11/21/08	JWG0804513	
Bromomethane	ND	U		330	17	1	11/21/08	11/21/08	JWG0804513	
Chloroethane	ND	U		330	29	1	11/21/08	11/21/08	JWG0804513	
Trichlorofluoromethane	ND	U		330	20	1	11/21/08	11/21/08	JWG0804513	
Trichlorotrifluoroethane	ND	U		330	25	1	11/21/08	11/21/08	JWG0804513	
1,1-Dichloroethene	ND	U		330	20	1	11/21/08	11/21/08	JWG0804513	
Carbon Disulfide	ND	U		650	56	1	11/21/08	11/21/08	JWG0804513	
Methyl Acetate	ND	U		650	20	1	11/21/08	11/21/08	JWG0804513	
Methylene Chloride	**300**	J	J+	3300	65	1	11/21/08	11/21/08	JWG0804513	
trans-1,2-Dichloroethene	ND	UJ	U	330	8.4	1	11/21/08	11/21/08	JWG0804513	
Methyl tert-Butyl Ether	**370**	J	J+	330	11	1	11/21/08	11/21/08	JWG0804513	
1,1-Dichloroethane	ND	UJ	U	330	11	1	11/21/08	11/21/08	JWG0804513	
cis-1,2-Dichloroethene	ND	U		330	24	1	11/21/08	11/21/08	JWG0804513	
Chloroform	ND	U		330	11	1	11/21/08	11/21/08	JWG0804513	
1,1,1-Trichloroethane (TCA)	ND	U		330	17	1	11/21/08	11/21/08	JWG0804513	
Cyclohexane	ND	U		650	17	1	11/21/08	11/21/08	JWG0804513	
Carbon Tetrachloride	ND	U		330	17	1	11/21/08	11/21/08	JWG0804513	
1,2-Dichloroethane (EDC)	ND	U		330	17	1	11/21/08	11/21/08	JWG0804513	
Trichloroethene (TCE)	**780**	J	J+	330	62	1	11/21/08	11/21/08	JWG0804513	
Methylcyclohexane	**1500**	J	J+	650	20	1	11/21/08	11/21/08	JWG0804513	
1,2-Dichloropropane	ND	UJ	U	330	20	1	11/21/08	11/21/08	JWG0804513	
Bromodichloromethane	ND	U		330	17	1	11/21/08	11/21/08	JWG0804513	
cis-1,3-Dichloropropene	ND	U		330	22	1	11/21/08	11/21/08	JWG0804513	
trans-1,3-Dichloropropene	ND	U		330	15	1	11/21/08	11/21/08	JWG0804513	
1,1,2-Trichloroethane	ND	U		330	26	1	11/21/08	11/21/08	JWG0804513	
Tetrachloroethene (PCE)	**4900**	J	J+	330	25	1	11/21/08	11/21/08	JWG0804513	
2-Hexanone	**1300**	J	J+	650	58	1	11/21/08	11/21/08	JWG0804513	
Dibromochloromethane	ND	UJ	U	330	22	1	11/21/08	11/21/08	JWG0804513	
1,2-Dibromoethane (EDB)	ND	UJ	U	330	19	1	11/21/08	11/21/08	JWG0804513	
Chlorobenzene	**3300**	J	J+	330	17	1	11/21/08	11/21/08	JWG0804513	
Styrene	**210**	J	J+	330	13	1	11/21/08	11/21/08	JWG0804513	
Bromoform	ND	UJ	U	330	26	1	11/21/08	11/21/08	JWG0804513	
1,1,2,2-Tetrachloroethane	ND	UJ	U	330	21	1	11/21/08	11/21/08	JWG0804513	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/13/2008
Sample Matrix:	Solid	**Date Received:**	11/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	SH-1S	**Units:**	ug/Kg
Lab Code:	J0805578-002	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,3-Dichlorobenzene	ND	U	330	11	1	11/21/08	11/21/08	JWG0804513	*
1,4-Dichlorobenzene	ND	U	330	19	1	11/21/08	11/21/08	JWG0804513	*
1,2-Dichlorobenzene	ND	U	330	17	1	11/21/08	11/21/08	JWG0804513	*
1,2-Dibromo-3-chloropropane (DBCP	ND	U	650	31	1	11/21/08	11/21/08	JWG0804513	*
1,2,4-Trichlorobenzene	ND	U	650	35	1	11/21/08	11/21/08	JWG0804513	*

* See Case Narrative

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	107	75-119	11/21/08	Acceptable
4-Bromofluorobenzene	192	74-129	11/21/08	Outside Control Limits
Dibromofluoromethane	119	78-125	11/21/08	Acceptable
Toluene-d8	145	81-136	11/21/08	Outside Control Limits

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/13/2008
Sample Matrix:	Solid	**Date Received:**	11/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	SH-1S	**Units:**	mg/Kg
Lab Code:	J0805578-002	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Med
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Acetone	2200	J+	700	27	1	11/19/08	11/19/08	JWG0804448	
2-Butanone (MEK)	21	J+	14	3.3	1	11/19/08	11/19/08	JWG0804448	
Benzene	16	J+	1.4	0.43	1	11/19/08	11/19/08	JWG0804448	
4-Methyl-2-pentanone (MIBK)	11	J+	35	4.2	1	11/19/08	11/19/08	JWG0804448	
Toluene	2.9	J+	1.4	0.33	1	11/19/08	11/19/08	JWG0804448	
Ethylbenzene	2.5	J+	1.4	0.32	1	11/19/08	11/19/08	JWG0804448	
Total Xylenes	12	J+	4.2	1.1	1	11/19/08	11/19/08	JWG0804448	
Isopropylbenzene	1.3	J+	1.4	0.32	1	11/19/08	11/19/08	JWG0804448	

Surrogate Name	%Rec	Control Limits	Note

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Solid

Service Request: J0805578
Date Collected: 11/13/2008
Date Received: 11/15/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: SH-1S
Lab Code: J0805578-002

Units: ug/Kg
Basis: Dry

Extraction Method: EPA 3550
Analysis Method: 8270C

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzaldehyde	ND	U	490000	160000	5	11/23/08	12/01/08	JWG0804509	
N-Nitrosodiphenylamine†	ND	U	250000	16000	5	11/23/08	12/01/08	JWG0804509	
Bis(2-chloroethyl) Ether	ND	U	250000	22000	5	11/23/08	12/01/08	JWG0804509	
Phenol	**330000**	~~JD~~	250000	23000	5	11/23/08	12/01/08	JWG0804509	
2-Chlorophenol	ND	U	250000	26000	5	11/23/08	12/01/08	JWG0804509	*
Bis(2-chloroisopropyl) Ether	ND	U	250000	31000	5	11/23/08	12/01/08	JWG0804509	*
2-Methylphenol	ND	U	250000	18000	5	11/23/08	12/01/08	JWG0804509	
Acetophenone	ND	U	490000	120000	5	11/23/08	12/01/08	JWG0804509	
Hexachloroethane	ND	U	250000	25000	5	11/23/08	12/01/08	JWG0804509	
N-Nitrosodi-n-propylamine	ND	U	250000	26000	5	11/23/08	12/01/08	JWG0804509	
4-Methylphenol†	**120000**	~~JD~~ J	250000	38000	5	11/23/08	12/01/08	JWG0804509	
Nitrobenzene	ND	U	250000	29000	5	11/23/08	12/01/08	JWG0804509	
Isophorone	ND	U	250000	19000	5	11/23/08	12/01/08	JWG0804509	
2-Nitrophenol	ND	U	960000	21000	5	11/23/08	12/01/08	JWG0804509	
2,4-Dimethylphenol	ND	U	250000	28000	5	11/23/08	12/01/08	JWG0804509	
bis(2-Chloroethoxy)methane	ND	U	250000	25000	5	11/23/08	12/01/08	JWG0804509	
2,4-Dichlorophenol	ND	U	250000	25000	5	11/23/08	12/01/08	JWG0804509	
Naphthalene	**36000**	~~JD~~ J	250000	19000	5	11/23/08	12/01/08	JWG0804509	
4-Chloroaniline	ND	U	250000	38000	5	11/23/08	12/01/08	JWG0804509	
Hexachlorobutadiene	ND	U	250000	25000	5	11/23/08	12/01/08	JWG0804509	*
4-Chloro-3-methylphenol	ND	U	250000	23000	5	11/23/08	12/01/08	JWG0804509	
Caprolactam	ND	U	250000	48000	5	11/23/08	12/01/08	JWG0804509	
2-Methylnaphthalene	**91000**	~~JD~~ J	250000	22000	5	11/23/08	12/01/08	JWG0804509	
Hexachlorocyclopentadiene	ND	U	250000	16000	5	11/23/08	12/01/08	JWG0804509	
2,4,6-Trichlorophenol	ND	U	250000	52000	5	11/23/08	12/01/08	JWG0804509	
2,4,5-Trichlorophenol	ND	U	250000	19000	5	11/23/08	12/01/08	JWG0804509	
2-Chloronaphthalene	ND	U	250000	23000	5	11/23/08	12/01/08	JWG0804509	
2-Nitroaniline	ND	U	250000	32000	5	11/23/08	12/01/08	JWG0804509	
Biphenyl	ND	U	490000	220000	5	11/23/08	12/01/08	JWG0804509	
Acenaphthylene	ND	U	250000	28000	5	11/23/08	12/01/08	JWG0804509	
Dimethyl Phthalate	ND	U	250000	15000	5	11/23/08	12/01/08	JWG0804509	
2,6-Dinitrotoluene	ND	U	250000	52000	5	11/23/08	12/01/08	JWG0804509	
Acenaphthene	ND	U	250000	28000	5	11/23/08	12/01/08	JWG0804509	
3-Nitroaniline	ND	U	250000	25000	5	11/23/08	12/01/08	JWG0804509	

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/13/2008
Sample Matrix:	Solid	**Date Received:**	11/15/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	SH-1S	**Units:**	ug/Kg
Lab Code:	J0805578-002	**Basis:**	Dry
Extraction Method:	EPA 3550	**Level:**	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,4-Dinitrophenol	ND	U	960000	18000	5	11/23/08	12/01/08	JWG0804509	
Dibenzofuran	ND	U	250000	19000	5	11/23/08	12/01/08	JWG0804509	
4-Nitrophenol	ND	U	960000	25000	5	11/23/08	12/01/08	JWG0804509	
2,4-Dinitrotoluene	ND	U	250000	15000	5	11/23/08	12/01/08	JWG0804509	
Fluorene	ND	U	250000	15000	5	11/23/08	12/01/08	JWG0804509	
4-Chlorophenyl Phenyl Ether	ND	U	250000	32000	5	11/23/08	12/01/08	JWG0804509	
Diethyl Phthalate	ND	U	250000	18000	5	11/23/08	12/01/08	JWG0804509	
4-Nitroaniline	ND	U	250000	18000	5	11/23/08	12/01/08	JWG0804509	*
2-Methyl-4,6-dinitrophenol	ND	U	960000	14000	5	11/23/08	12/01/08	JWG0804509	
4-Bromophenyl Phenyl Ether	ND	U	250000	15000	5	11/23/08	12/01/08	JWG0804509	
Hexachlorobenzene	ND	U	250000	12000	5	11/23/08	12/01/08	JWG0804509	
Pentachlorophenol	ND	U	960000	33000	5	11/23/08	12/01/08	JWG0804509	
Phenanthrene	ND	U	250000	19000	5	11/23/08	12/01/08	JWG0804509	
Anthracene	ND	U	250000	16000	5	11/23/08	12/01/08	JWG0804509	
Atrazine	ND	U	490000	220000	5	11/23/08	12/01/08	JWG0804509	
Carbazole	ND	U	250000	23000	5	11/23/08	12/01/08	JWG0804509	
Di-n-butyl Phthalate	**96000**	~~JB~~ J	250000	88000	5	11/23/08	12/01/08	JWG0804509	
Fluoranthene	ND	U	250000	18000	5	11/23/08	12/01/08	JWG0804509	
Pyrene	ND	U	250000	21000	5	11/23/08	12/01/08	JWG0804509	
Butyl Benzyl Phthalate	ND	U	490000	26000	5	11/23/08	12/01/08	JWG0804509	
3,3'-Dichlorobenzidine	ND	U	960000	49000	5	11/23/08	12/01/08	JWG0804509	
Benz(a)anthracene	ND	U	250000	16000	5	11/23/08	12/01/08	JWG0804509	
Chrysene	ND	U	250000	32000	5	11/23/08	12/01/08	JWG0804509	
Bis(2-ethylhexyl) Phthalate	ND	U	250000	23000	5	11/23/08	12/01/08	JWG0804509	
Di-n-octyl Phthalate	ND	U	250000	22000	5	11/23/08	12/01/08	JWG0804509	
Benzo(b)fluoranthene	ND	U	250000	29000	5	11/23/08	12/01/08	JWG0804509	*
Benzo(k)fluoranthene	ND	U	250000	23000	5	11/23/08	12/01/08	JWG0804509	*
Benzo(a)pyrene	ND	U	250000	28000	5	11/23/08	12/01/08	JWG0804509	*
Indeno(1,2,3-cd)pyrene	ND	U	250000	26000	5	11/23/08	12/01/08	JWG0804509	*
Dibenz(a,h)anthracene	ND	U	250000	32000	5	11/23/08	12/01/08	JWG0804509	*
Benzo(g,h,i)perylene	ND	U	250000	23000	5	11/23/08	12/01/08	JWG0804509	*

* See Case Narrative

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/13/2008
Sample Matrix:	Solid	**Date Received:**	11/15/2008

Polychlorinated Biphenyls (PCB Aroclors) by GC-ECD

Sample Name:	SH-1S	**Units:**	ug/Kg
Lab Code:	J0805578-002	**Basis:**	Dry
Extraction Method:	EPA 3550	**Level:**	Low
Analysis Method:	8082		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Aroclor 1016	ND	~~U~~ R	950	92	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1221	ND	~~U~~	950	580	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1232	ND	~~U~~	950	430	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1242	ND	~~U~~	950	160	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1248	ND	~~U~~	950	200	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1254	ND	~~U~~	950	150	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1260	ND	~~U~~	950	41	1	11/20/08	12/02/08	JWG0804504	
Aroclor 1262	ND	~~U~~	950	95	1	11/20/08	12/02/08	JWG0804504	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Decachlorobiphenyl	3	35-134	12/02/08	Outside Control Limits

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Comments:

ORGANIC ANALYSIS DATA SHEET
EPA 8015B

J0805578-002

SH-1S

Laboratory:	ENCO Cary		SDG:		
Client:	Columbia Analytical Svcs.		Project:	J0805578	
Matrix:	Soil	Laboratory ID:	B807025-02	File ID:	2L1a022-0
Sampled:	11/13/08 10:50	Prepared:	11/25/08 15:00	Analyzed:	12/01/08 23:53
Solids:	11.00	Preparation:	EPA 5035	Initial/Final:	4.98 g / 500 mL
Batch:	8K25026	Sequence: CA05132	Calibration:	0811119	Instrument: CVGCPID1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	MDL	MRL
NA	GRO (C6-C10)	1	190		7.5	50

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
2,5-Dibromotoluene	91.3	75	83	28 - 139	

* Values outside of QC limits

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805578
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/13/2008
Sample Matrix:	Solid	**Date Received:**	11/15/2008

Diesel Range Organics (DRO) by GC

Sample Name:	SH-1S	**Units:**	mg/Kg
Lab Code:	J0805578-002	**Basis:**	Dry
Extraction Method:	EPA 3550	**Level:**	Low
Analysis Method:	8015B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C10 - C28 DRO	**150000**	~~D~~ C	7200	1300	5	11/23/08	11/25/08	JWG0804515	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	23471	36-136	11/25/08	Outside Control Limits

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SH-1S

Client: Tetra Tech EM, Incorporated

Lab Code: CAS-JAX Project No.: 103DX9017000100 SAS No.: SDG NO.: J0805578

Matrix (soil/water): SOLID Lab Sample ID: J0805578-002

Level (low/med): LOW Date Received: 11/15/2008

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.48 ~~0.11~~	U		MS
7440-39-3	Barium	16			MS
7440-43-9	Cadmium	0.48 ~~0.07~~	U		MS
7440-47-3	Chromium	2.7			MS
7439-92-1	Lead	0.92			MS
7439-97-6	Mercury	0.025 ~~0.003~~	~~B~~	U	CV
7782-49-2	Selenium	1.0 ~~0.4~~	U		MS
7440-22-4	Silver	2.7			MS

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01/19/09

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Tetra Tech EM, Incorporated
Project Name : Seven Out
Project Number : 103DX901700010076
Sample Matrix : SOLID

Service Request : J0805578
Date Collected : 11/13/08
Date Received : 11/15/08

Inorganic Parameters

Sample Name : SH-1S
Lab Code : J0805578-002
Test Notes :

Basis : NA

Analyte	Units	Analysis Method	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
Corrosivity	pH UNITS	9045D	-	-	1	11/17/08 16:00	8.2	
Flash Point	DEG F	1020A	70	70	1	11/21/08 10:00	>200	
Solids, Total	PERCENT	160.3 MOD	0.1	0.1	1	11/18/08 09:50	7.0	

01/19/09

Report By: Palimi

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Oil

Service Request: J0805565
Date Collected: 11/10/2008
Date Received: 11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name: TO-01
Lab Code: J0805565-005

Units: mg/Kg
Basis: Dry

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Med

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	0.98	0.29	1	11/19/08	11/19/08	JWG0804448	
Chloromethane	ND	U	0.49	0.28	1	11/19/08	11/19/08	JWG0804448	
Vinyl Chloride	ND	U	0.49	0.26	1	11/19/08	11/19/08	JWG0804448	
Bromomethane	ND	U	0.49	0.27	1	11/19/08	11/19/08	JWG0804448	
Chloroethane	ND	U	0.49	0.29	1	11/19/08	11/19/08	JWG0804448	
Trichlorofluoromethane	ND	U	2.5	0.24	1	11/19/08	11/19/08	JWG0804448	
Trichlorotrifluoroethane	ND	U	2.5	0.32	1	11/19/08	11/19/08	JWG0804448	
1,1-Dichloroethene	ND	U	0.49	0.19	1	11/19/08	11/19/08	JWG0804448	
Acetone	ND	U	25	0.92	1	11/19/08	11/19/08	JWG0804448	
Carbon Disulfide	ND	U	4.9	1.6	1	11/19/08	11/19/08	JWG0804448	
Methyl Acetate	ND	U	4.9	0.40	1	11/19/08	11/19/08	JWG0804448	
Methylene Chloride	ND	U	9.8	0.22	1	11/19/08	11/19/08	JWG0804448	
Methyl tert-Butyl Ether	ND	U	0.49	0.16	1	11/19/08	11/19/08	JWG0804448	
trans-1,2-Dichloroethene	ND	U	0.49	0.21	1	11/19/08	11/19/08	JWG0804448	
1,1-Dichloroethane	ND	U	0.49	0.20	1	11/19/08	11/19/08	JWG0804448	
cis-1,2-Dichloroethene	ND	U	0.49	0.17	1	11/19/08	11/19/08	JWG0804448	
2-Butanone (MEK)	ND	U	4.9	1.2	1	11/19/08	11/19/08	JWG0804448	
Chloroform	ND	U	0.49	0.18	1	11/19/08	11/19/08	JWG0804448	
1,1,1-Trichloroethane (TCA)	ND	U	0.49	0.20	1	11/19/08	11/19/08	JWG0804448	
Cyclohexane	ND	U	0.98	0.20	1	11/19/08	11/19/08	JWG0804448	
Carbon Tetrachloride	ND	U	0.49	0.24	1	11/19/08	11/19/08	JWG0804448	
Benzene	ND	U	0.49	0.15	1	11/19/08	11/19/08	JWG0804448	
1,2-Dichloroethane (EDC)	ND	U	0.49	0.16	1	11/19/08	11/19/08	JWG0804448	
Trichloroethene (TCE)	ND	U	0.49	0.19	1	11/19/08	11/19/08	JWG0804448	
Methylcyclohexane	ND	U	4.9	0.19	1	11/19/08	11/19/08	JWG0804448	
1,2-Dichloropropane	ND	U	0.49	0.081	1	11/19/08	11/19/08	JWG0804448	
Bromodichloromethane	ND	U	0.49	0.14	1	11/19/08	11/19/08	JWG0804448	
cis-1,3-Dichloropropene	ND	U	0.49	0.079	1	11/19/08	11/19/08	JWG0804448	
4-Methyl-2-pentanone (MIBK)	ND	U	13	1.5	1	11/19/08	11/19/08	JWG0804448	
Toluene	ND	U	0.49	0.11	1	11/19/08	11/19/08	JWG0804448	
trans-1,3-Dichloropropene	ND	U	0.49	0.10	1	11/19/08	11/19/08	JWG0804448	
1,1,2-Trichloroethane	ND	U	0.49	0.15	1	11/19/08	11/19/08	JWG0804448	
Tetrachloroethene (PCE)	ND	U	0.49	0.15	1	11/19/08	11/19/08	JWG0804448	

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Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/10/2008
Sample Matrix:	Oil	**Date Received:**	11/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	TO-01	**Units:**	mg/Kg
Lab Code:	J0805565-005	**Basis:**	Dry
Extraction Method:	EPA 5030B	**Level:**	Med
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2-Hexanone	ND	U	13	1.8	1	11/19/08	11/19/08	JWG0804448	
Dibromochloromethane	ND	U	0.49	0.11	1	11/19/08	11/19/08	JWG0804448	
1,2-Dibromoethane (EDB)	ND	U	0.49	0.18	1	11/19/08	11/19/08	JWG0804448	
Chlorobenzene	ND	U	0.49	0.086	1	11/19/08	11/19/08	JWG0804448	
Ethylbenzene	ND	U	0.49	0.11	1	11/19/08	11/19/08	JWG0804448	
Total Xylenes	ND	U	1.5	0.38	1	11/19/08	11/19/08	JWG0804448	
Styrene	ND	U	0.49	0.097	1	11/19/08	11/19/08	JWG0804448	
Bromoform	ND	U	0.98	0.16	1	11/19/08	11/19/08	JWG0804448	
Isopropylbenzene	ND	U	0.49	0.11	1	11/19/08	11/19/08	JWG0804448	
1,1,2,2-Tetrachloroethane	ND	U	0.49	0.20	1	11/19/08	11/19/08	JWG0804448	
1,3-Dichlorobenzene	ND	U	0.49	0.12	1	11/19/08	11/19/08	JWG0804448	
1,4-Dichlorobenzene	ND	U	0.49	0.14	1	11/19/08	11/19/08	JWG0804448	
1,2-Dichlorobenzene	ND	U	0.49	0.14	1	11/19/08	11/19/08	JWG0804448	
1,2-Dibromo-3-chloropropane (DBCP	ND	U	2.5	0.29	1	11/19/08	11/19/08	JWG0804448	
1,2,4-Trichlorobenzene	ND	U	4.9	0.34	1	11/19/08	11/19/08	JWG0804448	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,2-Dichloroethane-d4	95	56-147	11/19/08	Acceptable
4-Bromofluorobenzene	90	61-133	11/19/08	Acceptable
Dibromofluoromethane	95	65-136	11/19/08	Acceptable
Toluene-d8	104	80-130	11/19/08	Acceptable

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Oil

Service Request: J0805565
Date Collected: 11/10/2008
Date Received: 11/14/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: TO-01
Lab Code: J0805565-005

Units: mg/Kg
Basis: NA

Extraction Method: EPA 3580
Analysis Method: 8270C

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzaldehyde	ND	U	200	200	1	11/19/08	11/20/08	JWG0804444	
N-Nitrosodiphenylamine†	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Bis(2-chloroethyl) Ether	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Phenol	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
2-Chlorophenol	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Bis(2-chloroisopropyl) Ether	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
2-Methylphenol	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Acetophenone	ND	U	100	100	1	11/19/08	11/20/08	JWG0804444	
Hexachloroethane	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
N-Nitrosodi-n-propylamine	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
4-Methylphenol†	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Nitrobenzene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Isophorone	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
2-Nitrophenol	ND	U	200	200	1	11/19/08	11/20/08	JWG0804444	
2,4-Dimethylphenol	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
bis(2-Chloroethoxy)methane	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
2,4-Dichlorophenol	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Naphthalene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
4-Chloroaniline	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Hexachlorobutadiene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
4-Chloro-3-methylphenol	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
2-Methylnaphthalene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Hexachlorocyclopentadiene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
2,4,6-Trichlorophenol	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
2,4,5-Trichlorophenol	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
2-Chloronaphthalene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
2-Nitroaniline	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Biphenyl	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Acenaphthylene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Dimethyl Phthalate	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
2,6-Dinitrotoluene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Acenaphthene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
3-Nitroaniline	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
2,4-Dinitrophenol	ND	U	200	200	1	11/19/08	11/20/08	JWG0804444	*

Comments: 01/19/09

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech EM, Incorporated
Project: Seven Out/103DX901700010076
Sample Matrix: Oil

Service Request: J0805565
Date Collected: 11/10/2008
Date Received: 11/14/2008

Semi-Volatile Organic Compounds by GC/MS

Sample Name: TO-01
Lab Code: J0805565-005

Extraction Method: EPA 3580
Analysis Method: 8270C

Units: mg/Kg
Basis: NA

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dibenzofuran	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
4-Nitrophenol	ND	U	200	200	1	11/19/08	11/20/08	JWG0804444	*
2,4-Dinitrotoluene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Fluorene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
4-Chlorophenyl Phenyl Ether	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Diethyl Phthalate	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
4-Nitroaniline	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
2-Methyl-4,6-dinitrophenol	ND	U	200	200	1	11/19/08	11/20/08	JWG0804444	*
4-Bromophenyl Phenyl Ether	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Hexachlorobenzene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Pentachlorophenol	ND	U	200	200	1	11/19/08	11/20/08	JWG0804444	*
Phenanthrene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Anthracene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Atrazine	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Carbazole	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Di-n-butyl Phthalate	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Fluoranthene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	*
Pyrene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Butyl Benzyl Phthalate	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
3,3'-Dichlorobenzidine	ND	U	200	200	1	11/19/08	11/20/08	JWG0804444	
Benz(a)anthracene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Chrysene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Bis(2-ethylhexyl) Phthalate	ND	U	100	100	1	11/19/08	11/20/08	JWG0804444	
Di-n-octyl Phthalate	ND	U	100	100	1	11/19/08	11/20/08	JWG0804444	
Benzo(b)fluoranthene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Benzo(k)fluoranthene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Benzo(a)pyrene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Indeno(1,2,3-cd)pyrene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Dibenz(a,h)anthracene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	
Benzo(g,h,i)perylene	ND	U	50	50	1	11/19/08	11/20/08	JWG0804444	

* See Case Narrative

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/10/2008
Sample Matrix:	Oil	**Date Received:**	11/14/2008

Polychlorinated Biphenyls (PCB Aroclors) by GC-ECD

Sample Name:	TO-01	**Units:**	mg/Kg
Lab Code:	J0805565-005	**Basis:**	Dry
Extraction Method:	EPA 3580	**Level:**	Low
Analysis Method:	8082		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Aroclor 1016	ND	U	5.0	1.3	1	11/19/08	12/01/08	JWG0804443	
Aroclor 1221	ND	U	5.0	3.3	1	11/19/08	12/01/08	JWG0804443	
Aroclor 1232	ND	U	5.0	1.9	1	11/19/08	12/01/08	JWG0804443	
Aroclor 1242	ND	U	5.0	1.2	1	11/19/08	12/01/08	JWG0804443	
Aroclor 1248	ND	U	5.0	1.7	1	11/19/08	12/01/08	JWG0804443	
Aroclor 1254	ND	U	5.0	1.4	1	11/19/08	12/01/08	JWG0804443	
Aroclor 1260	ND	U	5.0	1.1	1	11/19/08	12/01/08	JWG0804443	
Aroclor 1262	ND	U	5.0	1.1	1	11/19/08	12/01/08	JWG0804443	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Decachlorobiphenyl	179	25-150	12/01/08	Outside Control Limits

01/19/09

Comments:

ORGANIC ANALYSIS DATA SHEET
EPA 8015B

B807024-05 (J0805565-005)

TO-01

Laboratory:	ENCO Cary		SDG:		
Client:	Columbia Analytical Svcs.		Project:	J0805565	
Matrix:	Non-Aqueous	Laboratory ID:	B807024-05	File ID:	2L1a029-0
Sampled:	11/10/08 08:45	Prepared:	11/25/08 15:00	Analyzed:	12/02/08 10:48
Solids:	53.46	Preparation:	EPA 5035	Initial/Final:	1.02 g / 500 mL
Batch:	8K25026	Sequence: CA05132	Calibration:	0811119	Instrument: CVGCPID1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q	MDL	MRL
NA	GRO (C6-C10)	1	7.5	U	7.5	50

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
2,5-Dibromotoluene	91.7	41	44	28 - 139	

* Values outside of QC limits

01/19/09

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech EM, Incorporated	**Service Request:**	J0805565
Project:	Seven Out/103DX901700010076	**Date Collected:**	11/10/2008
Sample Matrix:	Oil	**Date Received:**	11/14/2008

Diesel Range Organics (DRO) by GC

Sample Name:	TO-01	**Units:**	mg/Kg
Lab Code:	J0805565-005	**Basis:**	NA
Extraction Method:	EPA 3580	**Level:**	Low
Analysis Method:	8015B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C10 - C28 DRO	ND	U	1000	320	1	11/19/08	11/24/08	JWG0804549	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	100	36-136	11/24/08	Acceptable

01/19/09

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

TO-01

Client: Tetra Tech EM, Incorporated

Lab Code: CAS-JAX Project No.: 103DX9017000100 SAS No.: SDG NO.: J0805565

Matrix (soil/water): SOLID Lab Sample ID: J0805565-005

Level (low/med): LOW Date Received: 11/14/2008

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.49 ~~0.12~~	U		MS
7440-39-3	Barium	1.0 ~~0.3~~	U		MS
7440-43-9	Cadmium	0.49 ~~0.07~~	U		MS
7440-47-3	Chromium	0.7	~~B~~	J	MS
7439-92-1	Lead	0.49 ~~0.02~~	U		MS
7439-97-6	Mercury	0.024 ~~0.002~~	~~B~~	U	CV
7782-49-2	Selenium	1.0 ~~0.4~~	U		MS
7440-22-4	Silver	0.49 ~~0.06~~	U		MS

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01/19/09

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Tetra Tech EM, Incorporated
Project Name : Seven Out
Project Number : 103DX901700010076
Sample Matrix : OIL

Service Request : J0805565
Date Collected : 11/10/08
Date Received : 11/14/08

Inorganic Parameters

Sample Name : TO-01
Lab Code : J0805565-005
Test Notes :

Basis : NA

Analyte	Units	Analysis Method	MRL	MDL	Dilution Factor	Date/Time Analyzed	Result	Result Notes
Corrosivity	pH UNITS	9045D	-	-	1	11/17/08 16:00	3.3	
Flash Point	DEG F	1020A	70	70	1	11/18/08 10:00	>200	

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01/19/09

Report By: Palimi

ENCLOSURE 2

DATA VALIDATION-QUALIFIED FIXED LABORATORY ANALYTICAL RESULTS FOR COLUMBIA ANALYTICAL SERVICES, INC., REPORT NOS. J0805565 AND J0805578

(Six Pages)

DATA VALIDATION-QUALIFIED FIXED LABORATORY ANALYTICAL RESULTS
FOR COLUMBIA ANALYTICAL SERVICES, INC. REPORT NO. J0805565

Sample Designation:	**CT-1**	**CT-1S**	**CT-5**	**CT-5S**	**CT-5SD**	**TO-01**
Sample Collection Date:	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/10/2008**
Field Quality Control:					**Field Duplicate**	
Percent Moisture		%		%	%	
Percent Moisture	NA	**11**	NA	**23**	**24**	NA
Volatile Organic Compounds	**µg/L**	**µg/kg, dry weight**	**µg/L**	**µg/kg, dry weight**	**µg/kg, dry weight**	**µg/kg**
1,1,1-Trichloroethane (TCA)	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
1,1,2,2-Tetrachloroethane	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
1,1,2-Trichloroethane	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
1,1,2-Trichlorotrifluoroethane	100 U	230 U	100 U	90 U	110 U	2.5 U
1,1-Dichloroethane	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
1,1-Dichloroethene	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
1,2,4-Trichlorobenzene	50 UJ	460 U	50 UJ	180 U	210 U	4.9 U
1,2-Dibromo-3-chloropropane (DBCP)	25 U	460 U	25 U	180 U	210 U	2.5 U
1,2-Dibromoethane (EDB)	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
1,2-Dichlorobenzene	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
1,2-Dichloroethane (EDC)	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
1,2-Dichloropropane	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
1,3-Dichlorobenzene	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
1,4-Dichlorobenzene	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
2-Butanone (MEK)	50 U	**860 J+**	50 U	**110 J+**	**190 J+**	4.9 U
2-Hexanone	130 U	460 U	130 U	180 U	210 U	13 U
4-Methyl-2-pentanone (MIBK)	**8.5 J**	**980 J+**	130 U	**120 J+**	**270 J+**	13 U
Acetone	**28 J**	**18000 J+**	**19 J**	**15 J+**	**9.9 J+**	25 U
Benzene	**12**	**12 J+**	**5.2**	**610 J+**	**1400 J+**	0.49 U
Bromodichloromethane	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
Bromoform	10 U	230 U	10 U	90 U	110 U	0.98 U
Bromomethane	5.0 UJ	230 U	5.0 U	90 U	110 U	0.49 U
Carbon Disulfide	**6.5 J**	460 U	50 U	180 U	210 U	4.9 U
Carbon Tetrachloride	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
Chlorobenzene	5.0 U	**910 J+**	5.0 U	**26 J+**	**120 J+**	0.49 U
Chloroethane	25 U	230 U	25 U	90 U	110 U	0.49 U
Chloroform	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
Chloromethane	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
cis-1,2-Dichloroethene	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
cis-1,3-Dichloropropene	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
Cyclohexane	50 U	**76 J+**	50 U	180 U	**27 J+**	0.98 U
Dibromochloromethane	5.0 U	230 U	5.0 U	90 U	110 U	0.49 U
Dichlorodifluoromethane	100 U	4600 U	100 U	1800 U	2100 U	0.98 U
Ethylbenzene	**0.76 J**	**3400 J+**	5.0 U	**230 J+**	**1200 J+**	0.49 U
Isopropylbenzene	5.0 U	**2000 J+**	5.0 U	**59 J+**	**420 J+**	0.49 U
Methyl Acetate	50 U	460 U	50 U	180 U	210 U	4.9 U
Methyl tert-Butyl Ether	10 U	230 U	10 U	90 U	110 U	0.49 U
Methylcyclohexane	50 U	**620 J+**	50 U	**89 J+**	**330 J+**	4.9 U
Methylene Chloride	25 U	**270 J+**	25 U	**71 J+**	**120 J+**	9.8 U
Styrene	5.0 U	**33 J+**	5.0 U	90 U	110 U	0.49 U
Tetrachloroethene (PCE)	5.0 U	**140 J+**	5.0 U	90 U	110 U	0.49 U
Toluene	5.0 U	**2900 J+**	5.0 U	**11 J+**	**62 J+**	0.49 U
Total Xylenes*	**4.4 J**	**19000 J+**	**0.68 J**	**1400 J+**	**6800 J+**	1.5 U
trans-1,2-Dichloroethene	5.0 U	230 U	5 U	90 U	110 U	0.49 U
trans-1,3-Dichloropropene	5.0 U	230 U	5 U	90 U	110 U	0.49 U
Trichloroethene (TCE)	5.0 U	**190 J+**	5 U	90 U	110 U	0.49 U
Trichlorofluoromethane	100 U	230 U	100 U	90 U	110 U	2.5 U
Vinyl Chloride	5.0 U	230 U	5 U	90 U	110 U	0.49 U
Semivolatile Organic Compounds	**µg/L**	**µg/kg, dry weight**	**µg/L**	**µg/kg, dry weight**	**µg/kg, dry weight**	**µg/kg**
2,4,5-Trichlorophenol	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
2,4,6-Trichlorophenol	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
2,4-Dichlorophenol	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
2,4-Dimethylphenol	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
2,4-Dinitrophenol	160 U	1,300,000 U	170 U	590,000 U	560,000 U	200 U
2,4-Dinitrotoluene	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
2,6-Dinitrotoluene	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
2-Chloronaphthalene	38 UJ	310,000 U	41 U	150,000 U	150,000 U	50 U
2-Chlorophenol	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
2-Methyl-4,6-dinitrophenol	160 U	1,300,000 U	170 U	590,000 U	560,000 U	200 U

DATA VALIDATION-QUALIFIED FIXED LABORATORY ANALYTICAL RESULTS
FOR COLUMBIA ANALYTICAL SERVICES, INC. REPORT NO. J0805565

Sample Designation:	**CT-1**	**CT-1S**	**CT-5**	**CT-5S**	**CT-5SD**	**TO-01**
Sample Collection Date:	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/10/2008**
Field Quality Control:					**Field Duplicate**	
Semivolatile Organic Compounds	**µg/L**	**µg/kg, dry weight**	**µg/L**	**µg/kg, dry weight**	**µg/kg, dry weight**	**µg/kg**
2-Methylnaphthalene	38 U	**54,000 J**	41 U	150,000 U	150,000 U	50 U
2-Methylphenol	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
2-Nitroaniline	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
2-Nitrophenol	160 U	1,300,000 U	170 U	590,000 U	560,000 U	200 U
3,3'-Dichlorobenzidine	160 UJ	1,300,000 U	170 U	590,000 U	560,000 U	200 U
3-Nitroaniline	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
4-Bromophenyl Phenyl Ether	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
4-Chloro-3-methylphenol	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
4-Chloroaniline	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
4-Chlorophenyl Phenyl Ether	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
4-Methylphenol	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
4-Nitroaniline	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
4-Nitrophenol	160 U	1,300,000 U	170 U	590,000 U	560,000 U	200 U
Acenaphthene	38 UJ	310,000 U	41 U	150,000 U	150,000 U	50 U
Acenaphthylene	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Acetophenone	76 U	620,000 U	82 U	300,000 U	290,000 U	100 U
Anthracene	38 UJ	310,000 U	41 U	150,000 U	**13,000 J**	50 U
Atrazine	76 U	620,000 U	82 U	300,000 U	290,000 U	50 U
Benz(a)anthracene	38 UJ	310,000 U	41 U	**10,000 J**	**17,000 J**	50 U
Benzaldehyde	76 U	620,000 U	82 U	300,000 U	290,000 U	200 U
Benzo(a)pyrene	38 UJ	310,000 U	**6.0 J**	150,000 U	150,000 U	50 U
Benzo(b)fluoranthene	38 UJ	310,000 U	**10 J**	150,000 U	**24,000 J**	50 U
Benzo(g,h,i)perylene	38 UJ	310,000 U	41 U	150,000 U	150,000 U	50 U
Benzo(k)fluoranthene	**4.5 J-**	310,000 U	**8.4 J**	150,000 U	**19,000 J**	50 U
Biphenyl	76 U	620,000 U	82 U	300,000 U	290,000 U	50 U
Bis(2-chloroethoxy)methane	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Bis(2-chloroethyl) Ether	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Bis(2-chloroisopropyl) Ether	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Bis(2-ethylhexyl) Phthalate	38 UJ	310,000 U	41 U	150,000 U	150,000 U	100 U
Butyl Benzyl Phthalate	76 UJ	620,000 U	82 U	300,000 U	290,000 U	50 U
Caprolactam	51 U	310,000 U	55 U	150,000 U	150,000 U	NA
Carbazole	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Chrysene	**8.9 J-**	310,000 U	**17 J**	**25,000 J**	**43,000 J**	50 U
Dibenz(a,h)anthracene	38 UJ	310,000 U	41 U	150,000 U	150,000 U	50 U
Dibenzofuran	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Diethyl Phthalate	38 UJ	310,000 U	41 U	150,000 U	150,000 U	50 U
Dimethyl Phthalate	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Di-n-butyl Phthalate	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Di-n-octyl Phthalate	38 UJ	310,000 U	41 U	150,000 U	150,000 U	100 U
Fluoranthene	**27 J-**	**28,000 J**	**37 J**	**95,000 J**	**130,000 J**	50 U
Fluorene	38 UJ	310,000 U	41 U	150,000 U	150,000 U	50 U
Hexachlorobenzene	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Hexachlorobutadiene	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Hexachlorocyclopentadiene	38 UJ	310,000 U	41 U	150,000 U	150,000 U	50 U
Hexachloroethane	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Indeno(1,2,3-cd)pyrene	38 UJ	310,000 U	41 U	150,000 U	150,000 U	50 U
Isophorone	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Naphthalene	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Nitrobenzene	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
N-Nitrosodi-n-propylamine	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
N-Nitrosodiphenylamine	38 UJ	310,000 U	41 U	150,000 U	150,000 U	50 U
Pentachlorophenol	160 U	1,300,000 U	170 U	590,000 U	560,000 U	200 U
Phenanthrene	**11 J-**	**54,000 J**	**9.9 J**	**55,000 J**	**78,000 J**	50 U
Phenol	38 U	310,000 U	41 U	150,000 U	150,000 U	50 U
Pyrene	**7.1 J-**	310,000 U	41 U	**14,000 J**	**24,000 J**	50 U
Gasoline Range Organics	**mg/L**	**mg/kg, dry weight**	**mg/L**	**mg/kg, dry weight**	**mg/kg, dry weight**	**mg/kg**
Gasoline Range Organics	**0.06 J-**	**110**	**0.03 J**	**8.5 J**	**16 J**	7.5 U
Diesel Range Organics	**mg/L**	**mg/kg, dry weight**	**mg/L**	**mg/kg, dry weight**	**mg/kg, dry weight**	**mg/kg**
Diesel Range Organics	**6.8 J**	**96,000**	**330**	**250,000**	**230,000**	1,000 U

DATA VALIDATION-QUALIFIED FIXED LABORATORY ANALYTICAL RESULTS
FOR COLUMBIA ANALYTICAL SERVICES, INC. REPORT NO. J0805565

Sample Designation:	**CT-1**	**CT-1S**	**CT-5**	**CT-5S**	**CT-5SD**	**TO-01**
Sample Collection Date:	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/11/2008**	**11/10/2008**
Field Quality Control:					**Field Duplicate**	
Polychlorinated Biphenyl Compounds	**µg/L**	**µg/kg, dry weight**	**µg/L**	**µg/kg, dry weight**	**µg/kg, dry weight**	**µg/kg**
Aroclor-1016	0.53 U	R	0.53 U	R	R	5.0 U
Aroclor-1221	0.53 U	R	0.53 U	R	R	5.0 U
Aroclor-1232	0.53 U	R	0.53 U	R	R	5.0 U
Aroclor-1242	0.53 U	R	0.53 U	R	R	5.0 U
Aroclor-1248	0.53 U	R	0.53 U	R	R	5.0 U
Aroclor-1254	0.53 U	R	0.53 U	R	R	5.0 U
Aroclor-1260	0.53 U	R	0.53 U	R	R	5.0 U
Aroclor-1262	0.53 U	R	0.53 U	R	R	5.0 U
Metals	**µg/L**	**mg/kg, dry weight**	**µg/L**	**mg/kg, dry weight**	**mg/kg, dry weight**	**mg/kg**
Arsenic	**1.9**	0.25 U	**2.8**	0.24 U	0.24 U	0.49 U
Barium	**9.2**	**24**	**34**	**217**	**195**	1.0 U
Cadmium	0.50 U	**0.050 J**	0.50 U	**0.040 J**	0.24 U	0.49 U
Chromium	**18**	**14**	**13**	**5.1**	**4.3**	**0.70 J**
Lead	**0.90 J**	**3.2**	**0.40 J**	**4.7**	**4.0**	0.49 U
Mercury	0.50 U	0.0250 U	0.50 U	0.0250 U	0.0240 U	0.0240 U
Selenium	2.0 U	0.50 U	2.0 U	0.50 U	0.50 U	1.0 U
Silver	0.50 U	**0.25 J**	0.50 U	**1.0**	**0.96**	0.49 U
Miscellaneous Parameters						
Corrosivity (pH units)	**7.5**	**8.0**	**7.7**	**8.2**	**8.1**	**3.3**
Ignitability/Flashpoint**	>200	ND	>200	ND	ND	>200

Notes:
Positive results are listed in **BOLD**.
* = For water samples, total xylenes were reported as the m,p- and o- isomers.
** = Flashpoint was reported in degrees Fahrenheit. Ignitability was reported in millimeters per second.
mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
µg/kg = Micrograms per kilogram
µg/L = Micrograms per liter
J = The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+ = The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J- = The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
U = The analyte was analyzed for, but was not detected at or above the associated value.
UJ = The analyte was analyzed for, but was not detected at or above the associated value, which is considered approximate due to deficiencies in one or more quality control criteria.
R = The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
NA = The sample was not analyzed for this analyte.
ND = Not detected

DATA VALIDATION-QUALIFIED FIXED LABORATORY ANALYTICAL RESULTS
FOR COLUMBIA ANALYTICAL SERVICES, INC. REPORT NO. J0805578

Sample Designation:	**DP-2S**	**OP-4S**	**SH-1S**	**SH-4**	**Trip Blank**
Sample Collection Date:	**11/14/2008**	**11/13/2008**	**11/13/2008**	**11/14/2008**	**11/14/2008**
Field Quality Control:					**Trip Blank**
Percent Moisture	%	%	%		
Percent Moisture	**21**	**18**	**7.0**	NA	NA
Volatile Organic Compounds	**µg/kg, dry weight**	**µg/kg, dry weight**	**µg/kg, dry weight**	**µg/L**	**µg/L**
1,1,1-Trichloroethane (TCA)	120 U	130 U	330 U	5.0 U	1.0 U
1,1,2,2-Tetrachloroethane	120 U	130 U	330 U	5.0 U	1.0 U
1,1,2-Trichloroethane	120 U	130 U	330 U	5.0 U	1.0 U
1,1,2-Trichlorotrifluoroethane	120 U	130 U	330 U	100 U	20 U
1,1-Dichloroethane	120 U	130 U	330 U	5.0 U	1.0 U
1,1-Dichloroethene	120 U	130 U	330 U	5.0 U	1.0 U
1,2,4-Trichlorobenzene	240 U	260 U	650 U	50 UJ	10 U
1,2-Dibromo-3-chloropropane (DBCP)	240 U	260 U	650 U	25 U	5.0 U
1,2-Dibromoethane (EDB)	120 U	130 U	330 U	5.0 U	1.0 U
1,2-Dichlorobenzene	120 U	130 U	330 U	5.0 U	1.0 U
1,2-Dichloroethane (EDC)	120 U	130 U	330 U	5.0 U	1.0 U
1,2-Dichloropropane	120 U	130 U	330 U	5.0 U	1.0 U
1,3-Dichlorobenzene	120 U	130 U	330 U	5.0 U	1.0 U
1,4-Dichlorobenzene	120 U	130 U	330 U	5.0 U	1.0 U
2-Butanone (MEK)	590 U	**23000 J+**	**21 J+**	**3300**	10 U
2-Hexanone	240 U	260 U	**1300 J+**	**24 J**	25 U
4-Methyl-2-pentanone (MIBK)	**1000 J+**	**16000 J+**	**11 J+**	**360**	25 U
Acetone	**11000 J+**	**130 J+**	**2200 J+**	**350000**	**17 J**
Benzene	**2.7 J+**	**140 J+**	**16 J+**	**490**	1.0 U
Bromodichloromethane	120 U	130 U	330 U	5.0 U	1.0 U
Bromoform	120 U	130 U	330 U	10 U	2.0 U
Bromomethane	120 U	130 U	330 U	5.0 U	1.0 U
Carbon Disulfide	240 U	260 U	650 U	**51**	10 U
Carbon Tetrachloride	120 U	130 U	330 U	5.0 U	1.0 U
Chlorobenzene	**430 J+**	**4.2 J+**	**3300 J+**	**1.6 J**	1.0 U
Chloroethane	120 U	130 U	330 U	25 U	5.0 U
Chloroform	120 U	130 U	330 U	5.0 U	1.0 U
Chloromethane	120 U	130 U	330 U	5.0 U	1.0 U
cis-1,2-Dichloroethene	120 U	130 U	330 U	5.0 U	1.0 U
cis-1,3-Dichloropropene	120 U	130 U	330 U	5.0 U	1.0 U
Cyclohexane	240 U	260 U	650 U	50 U	10 U
Dibromochloromethane	120 U	130 U	330 U	5.0 U	1.0 U
Dichlorodifluoromethane	2,400 U	2,600 U	6,500 U	100 U	20 U
Ethylbenzene	**1.2 J+**	**4.6 J+**	**2.5 J+**	**3.3 J**	1.0 U
Isopropylbenzene	**0.62 J+**	**0.52 J+**	**1.3 J+**	5.0 U	1.0 U
Methyl Acetate	240 U	260 U	650 U	50 U	10 U
Methyl tert-Butyl Ether	120 U	**370 J+**	**370 J+**	**230**	2.0 U
Methylcyclohexane	**750 J+**	**4900 J+**	**1500 J+**	50 U	10 U
Methylene Chloride	**120 J+**	**520 J+**	**300 J+**	**44**	5.0 U
Styrene	**35 J+**	**750 J+**	**210 J+**	5.0 U	1.0 U
Tetrachloroethene (PCE)	**130 J+**	**0.90 J+**	**4900 J+**	5.0 U	1.0 U
Toluene	**1.4 J+**	**15 J+**	**2.9 J+**	**27**	1.0 U
Total Xylenes*	**4.0 J+**	**23 J+**	**12 J+**	**18**	3.0 U
trans-1,2-Dichloroethene	120 U	130 U	330 U	5.0 U	1.0 U
trans-1,3-Dichloropropene	120 U	130 U	330 U	5.0 U	1.0 U
Trichloroethene (TCE)	**93 J+**	**140 J+**	**780 J+**	5.0 U	1.0 U
Trichlorofluoromethane	120 U	130 U	330 U	100 U	20 U
Vinyl Chloride	120 U	130 U	330 U	5.0 U	1.0 U
Semivolatile Organic Compounds	**µg/kg, dry weight**	**µg/kg, dry weight**	**µg/kg, dry weight**	**µg/L**	
2,4,5-Trichlorophenol	81,000 U	94,000 U	250,000 U	540 U	NA
2,4,6-Trichlorophenol	81,000 U	94,000 U	250,000 U	540 U	NA
2,4-Dichlorophenol	81,000 U	94,000 U	250,000 U	540 U	NA
2,4-Dimethylphenol	81,000 U	94,000 U	250,000 U	540 U	NA
2,4-Dinitrophenol	320,000 U	380,000 U	960,000 U	2200 U	NA
2,4-Dinitrotoluene	81,000 U	94,000 U	250,000 U	540 U	NA
2,6-Dinitrotoluene	81,000 U	94,000 U	250,000 U	540 U	NA
2-Chloronaphthalene	81,000 U	94,000 U	250,000 U	540 U	NA
2-Chlorophenol	81,000 U	94,000 U	250,000 U	540 U	NA
2-Methyl-4,6-dinitrophenol	320,000 U	380,000 U	960,000 U	2200 U	NA

DATA VALIDATION-QUALIFIED FIXED LABORATORY ANALYTICAL RESULTS
FOR COLUMBIA ANALYTICAL SERVICES, INC. REPORT NO. J0805578

Sample Designation:	**DP-2S**	**OP-4S**	**SH-1S**	**SH-4**	**Trip Blank**
Sample Collection Date:	**11/14/2008**	**11/13/2008**	**11/13/2008**	**11/14/2008**	**11/14/2008**
Field Quality Control:					**Trip Blank**
Semivolatile Organic Compounds	**µg/kg, dry weight**	**µg/kg, dry weight**	**µg/kg, dry weight**	**µg/L**	
2-Methylnaphthalene	**110,000**	**75,000 J**	**91,000 J**	540 U	NA
2-Methylphenol	81,000 U	94,000 U	250,000 U	540 U	NA
2-Nitroaniline	81,000 U	94,000 U	250,000 U	540 U	NA
2-Nitrophenol	320,000 U	380,000 U	960,000 U	2200 U	NA
3,3'-Dichlorobenzidine	320,000 U	380,000 U	960,000 U	2200 U	NA
3-Nitroaniline	81,000 U	94,000 U	250,000 U	540 U	NA
4-Bromophenyl Phenyl Ether	81,000 U	94,000 U	250,000 U	540 U	NA
4-Chloro-3-methylphenol	81,000 U	94,000 U	250,000 U	**380 J**	NA
4-Chloroaniline	81,000 U	94,000 U	250,000 U	540 U	NA
4-Chlorophenyl Phenyl Ether	81,000 U	94,000 U	250,000 U	540 U	NA
4-Methylphenol	81,000 U	94,000 U	**120,000 J**	**150 J**	NA
4-Nitroaniline	81,000 U	94,000 U	250,000 U	540 U	NA
4-Nitrophenol	320,000 U	380,000 U	960,000 U	2200 U	NA
Acenaphthene	81,000 U	94,000 U	250,000 U	540 U	NA
Acenaphthylene	81,000 U	94,000 U	250,000 U	540 U	NA
Acetophenone	170,000 U	190,000 U	490,000 U	1100 U	NA
Anthracene	81,000 U	94,000 U	250,000 U	540 U	NA
Atrazine	170,000 U	190,000 U	490,000 U	1100 U	NA
Benz(a)anthracene	81,000 U	94,000 U	250,000 U	540 U	NA
Benzaldehyde	170,000 U	190,000 U	490,000 U	1100 U	NA
Benzo(a)pyrene	81,000 U	94,000 U	250,000 U	540 U	NA
Benzo(b)fluoranthene	81,000 U	94,000 U	250,000 U	540 U	NA
Benzo(g,h,i)perylene	81,000 U	94,000 U	250,000 U	540 U	NA
Benzo(k)fluoranthene	81,000 U	94,000 U	250,000 U	540 U	NA
Biphenyl	170,000 U	190,000 U	490,000 U	1100 U	NA
Bis(2-chloroethoxy)methane	81,000 U	94,000 U	250,000 U	540 U	NA
Bis(2-chloroethyl) Ether	81,000 U	94,000 U	250,000 U	540 U	NA
Bis(2-chloroisopropyl) Ether	81,000 U	94,000 U	250,000 U	540 U	NA
Bis(2-ethylhexyl) Phthalate	**8,000 J**	**9,200 J**	250,000 U	540 U	NA
Butyl Benzyl Phthalate	170,000 U	190,000 U	490,000 U	1100 U	NA
Caprolactam	81,000 U	94,000 U	250,000 U	720 U	NA
Carbazole	81,000 U	94,000 U	250,000 U	540 U	NA
Chrysene	81,000 U	94,000 U	250,000 U	540 U	NA
Dibenz(a,h)anthracene	81,000 U	94,000 U	250,000 U	540 U	NA
Dibenzofuran	81,000 U	94,000 U	250,000 U	540 U	NA
Diethyl Phthalate	81,000 U	94,000 U	250,000 U	540 U	NA
Dimethyl Phthalate	81,000 U	94,000 U	250,000 U	540 U	NA
Di-n-butyl Phthalate	81,000 U	94,000 U	**96,000 J**	540 U	NA
Di-n-octyl Phthalate	81,000 U	94,000 U	250,000 U	540 U	NA
Fluoranthene	81,000 U	94,000 U	250,000 U	540 U	NA
Fluorene	81,000 U	94,000 U	250,000 U	540 U	NA
Hexachlorobenzene	81,000 U	94,000 U	250,000 U	540 U	NA
Hexachlorobutadiene	81,000 U	94,000 U	250,000 U	540 U	NA
Hexachlorocyclopentadiene	81,000 U	94,000 U	250,000 U	540 U	NA
Hexachloroethane	81,000 U	94,000 U	250,000 U	540 U	NA
Indeno(1,2,3-cd)pyrene	81,000 U	94,000 U	250,000 U	540 U	NA
Isophorone	81,000 U	94,000 U	250,000 U	**410 J**	NA
Naphthalene	**37,000 J**	**38,000 J**	**36,000 J**	540 U	NA
Nitrobenzene	81,000 U	94,000 U	250,000 U	540 U	NA
N-Nitrosodi-n-propylamine	81,000 U	94,000 U	250,000 U	540 U	NA
N-Nitrosodiphenylamine	81,000 U	94,000 U	250,000 U	540 U	NA
Pentachlorophenol	320,000 U	380,000 U	960,000 U	2200 U	NA
Phenanthrene	81,000 U	94,000 U	250,000 U	540 U	NA
Phenol	81,000 U	**530,000**	**330,000**	**7700**	NA
Pyrene	81,000 U	94,000 U	250,000 U	540 U	NA
Gasoline Range Organics	**mg/kg, dry weight**	**mg/kg, dry weight**	**mg/kg, dry weight**	**mg/L**	
Gasoline Range Organics	**230**	**580**	**190**	**3.07**	NA
Diesel Range Organics	**mg/kg, dry weight**	**mg/kg, dry weight**	**mg/kg, dry weight**	**mg/L**	
Diesel Range Organics	**42,000**	**160,000**	**150,000**	**88**	NA

DATA VALIDATION-QUALIFIED FIXED LABORATORY ANALYTICAL RESULTS
FOR COLUMBIA ANALYTICAL SERVICES, INC. REPORT NO. J0805578

Sample Designation:	**DP-2S**	**OP-4S**	**SH-1S**	**SH-4**	**Trip Blank**
Sample Collection Date:	**11/14/2008**	**11/13/2008**	**11/13/2008**	**11/14/2008**	**11/14/2008**
Field Quality Control:					**Trip Blank**
Polychlorinated Biphenyl Compounds	**µg/kg, dry weight**	**µg/kg, dry weight**	**µg/kg, dry weight**	**µg/L**	
Aroclor-1016	R	R	R	0.73 U	NA
Aroclor-1221	R	R	R	0.73 U	NA
Aroclor-1232	R	R	R	0.73 U	NA
Aroclor-1242	R	R	R	0.73 U	NA
Aroclor-1248	R	R	R	0.73 U	NA
Aroclor-1254	R	R	R	0.73 U	NA
Aroclor-1260	R	R	R	0.73 U	NA
Aroclor-1262	R	R	R	0.73 U	NA
Metals	**mg/kg, dry weight**	**mg/kg, dry weight**	**mg/kg, dry weight**	**µg/L**	
Arsenic	**17**	**0.59**	0.48 U	2.4 U	NA
Barium	**29**	**9.2**	**16**	9.5 U	NA
Cadmium	0.47 U	**0.07 J**	0.48 U	2.4 U	NA
Chromium	**10**	**2.6**	**2.7**	9.5 U	NA
Lead	**2.3**	**3.9**	**0.92**	**4.1**	NA
Mercury	0.025 U	0.025 U	0.025 U	**0.004 J**	NA
Selenium	0.90 U	0.50 U	1.0 U	9.5 U	NA
Silver	**0.10 J**	**0.77**	**2.7**	2.4 U	NA
Miscellaneous Parameters					
Corrosivity (pH units)	**8.9**	**8.7**	**8.2**	**7.1**	NA
Ignitability/Flashpoint**	ND	>200	>200	>200	NA

Notes:
Positive results are listed in **BOLD**.

* = For water samples, total xylenes were reported as the m,p- and o- isomers.
** = Flashpoint was reported in degrees Fahrenheit. Ignitability was reported in millimeters per second.
mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
µg/kg = Micrograms per kilogram
µg/L = Micrograms per liter
J = The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J- = The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
U = The analyte was analyzed for, but was not detected at or above the associated value.
UJ = The analyte was analyzed for, but was not detected at or above the associated value, which is considered approximate due to deficiencies in one or more quality control criteria.
R = The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
NA = The sample was not analyzed for this analyte.
ND = Not detected

APPENDIX F

ANALYTICAL DATA RECEIVED FROM WINTER ENVIRONMENTAL SERVICES
(975 Pages)

Analytical Report 317459

for

Winter Environmental

Project Manager: Brent Sasser

Seven Out Superfund Site

08040

12-DEC-08

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Texas certification numbers:
Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers:
Norcross(Atlanta), GA 98015

North Carolina certification numbers:
Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta

12-DEC-08

Project Manager: **Brent Sasser**
Winter Environmental
3350 Green Pointe Parkway
Norcross, GA 30092

Reference: XENCO Report No: **317459**
Seven Out Superfund Site
Project Address: Waycross, GA

Brent Sasser:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 317459. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 317459 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Project Manager

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Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

Sample Cross Reference 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
CT-7	L	Nov-11-08 11:00		317459-001
CT-3	L	Nov-11-08 10:45		317459-002
CT-5	L	Nov-11-08 09:35		317459-003
CT-4	L	Nov-11-08 10:10		317459-004
CT-4-S	S	Nov-11-08 15:30		317459-005
CT-5-S	S	Nov-11-08 15:10		317459-006
DUP 40108	S	Nov-11-08 00:00		317459-007
CT-6	L	Nov-11-08 10:30		317459-008
CT-8	L	Nov-11-08 13:00		317459-009
CT-2	L	Nov-11-08 12:45		317459-010
CT-1	L	Nov-11-08 13:15		317459-011
CT-1-S	S	Nov-11-08 14:30		317459-012
TO-01	L	Nov-11-08 08:45		317459-013
TB111108	L	Nov-11-08 00:00		317459-014

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-7**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-001**	Date Collected: **Nov-11-08 11:00**	Date Received: **Nov-12-08 12:15**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-18-08 14:46 Analyst: 4150 Date Prep: Nov-14-08 13:40 Tech: ABA
Seq Number: 740582

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-14-08 18:36 Analyst: VCH Date Prep: Nov-14-08 07:49 Tech: 4118
Seq Number: 740426

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-17-08 12:21 Analyst: 4150 Date Prep: Nov-14-08 11:53 Tech: ABA
Seq Number: 740462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.007	0.010	0.007	mg/L	J	1
Barium	7440-39-3	0.022	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.001	0.050	0.001	mg/L	J	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-7** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-001** Date Collected: **Nov-11-08 11:00** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 18:48 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458
Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-7**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-001**	Date Collected: **Nov-11-08 11:00**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 18:48 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458

Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-7** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-001** Date Collected: **Nov-11-08 11:00** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 09:33 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	10.0	1.6	ug/L	U	10
1,1,2,2-Tetrachloroethane	79-34-5	U	10.0	1.8	ug/L	U	10
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	10.0	1.1	ug/L	U	10
1,1,2-Trichloroethane	79-00-5	U	10.0	2.5	ug/L	U	10
1,1-Dichloroethane	75-34-3	U	10.0	1.1	ug/L	U	10
1,1-Dichloroethene	75-35-4	U	10.0	2.0	ug/L	U	10
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.7	ug/L	U	10
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	10.0	1.9	ug/L	U	10
1,2-Dibromoethane (EDB)	106-93-4	U	10.0	1.8	ug/L	U	10
1,2-Dichlorobenzene	95-50-1	U	10.0	1.4	ug/L	U	10
1,2-Dichloroethane	107-06-2	U	10.0	1.8	ug/L	U	10
1,2-Dichloropropane	78-87-5	U	10.0	1.5	ug/L	U	10
1,3-Dichlorobenzene	541-73-1	U	10.0	1.7	ug/L	U	10
1,4-Dichlorobenzene	106-46-7	U	10.0	1.7	ug/L	U	10
2-Butanone (MEK)	78-93-3	U	20.0	2.8	ug/L	U	10
2-Hexanone	591-78-6	U	20.0	3.2	ug/L	U	10
4-Methyl-2-pentanone (MIBK)	108-10-1	U	20.0	2.6	ug/L	U	10
Acetone	67-64-1	U	20.0	3.5	ug/L	U	10
Benzene	71-43-2	U	10.0	1.6	ug/L	U	10
Bromodichloromethane	75-27-4	U	10.0	2.5	ug/L	U	10
Bromoform	75-25-2	U	10.0	1.7	ug/L	U	10
Bromomethane	74-83-9	U	10.0	2.5	ug/L	U	10
Carbon disulfide	75-15-0	U	10.0	2.6	ug/L	U	10
Carbon tetrachloride	56-23-5	U	10.0	3.3	ug/L	U	10
Chlorobenzene	108-90-7	U	10.0	1.5	ug/L	U	10
Chloroethane	75-00-3	U	10.0	2.6	ug/L	U	10
Chloroform	67-66-3	U	10.0	1.6	ug/L	U	10
Chloromethane	74-87-3	U	10.0	2.5	ug/L	U	10
cis-1,2-Dichloroethene	156-59-2	U	10.0	2.1	ug/L	U	10
cis-1,3-Dichloropropene	10061-01-5	U	10.0	1.0	ug/L	U	10
Cyclohexane	110-82-7	U	10.0	1.5	ug/L	U	10
Dibromochloromethane	124-48-1	U	10.0	1.5	ug/L	U	10
Dichlorodifluoromethane	75-71-8	U	10.0	2.2	ug/L	U	10
Ethylbenzene	100-41-4	U	10.0	1.9	ug/L	U	10
Isopropylbenzene	98-82-8	U	10.0	1.5	ug/L	U	10
m,p-Xylenes	179601-23-1	U	20.0	5.1	ug/L	U	10
Methyl acetate	79-20-9	U	20.0	2.6	ug/L	U	10
Methyl tert-butyl ether	1634-04-4	U	20.0	1.8	ug/L	U	10
Methylcyclohexane	108-87-2	U	10.0	1.1	ug/L	U	10

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-7**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-001**	Date Collected: **Nov-11-08 11:00**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 09:33 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	29	10.0	4.2	ug/L		10
o-Xylene	95-47-6	U	10.0	2.0	ug/L	U	10
Styrene	100-42-5	U	10.0	1.8	ug/L	U	10
Tetrachloroethene	127-18-4	U	10.0	1.6	ug/L	U	10
Toluene	108-88-3	U	10.0	1.4	ug/L	U	10
trans-1,2-Dichloroethene	156-60-5	U	10.0	2.1	ug/L	U	10
trans-1,3-Dichloropropene	10061-02-6	U	10.0	1.1	ug/L	U	10
Trichloroethene	79-01-6	U	10.0	1.9	ug/L	U	10
Trichlorofluoromethane	75-69-4	U	10.0	5.3	ug/L	U	10
Vinyl chloride	75-01-4	U	10.0	1.9	ug/L	U	10
Xylenes, Total	1330-20-7	U	30.0		ug/L	U	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-20-08 18:52 Analyst: 4124 Date Prep: Nov-20-08 17:20 Tech: 4124
Seq Number: 741017

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-18-08 06:20 Analyst: Date Prep: Nov-14-08 15:30 Tech: 5458
Seq Number: 741062

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	1.4	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-12-08 13:55 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740136

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.54	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-3**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-002**	Date Collected: **Nov-11-08 10:45**	Date Received: **Nov-12-08 12:15**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-18-08 14:59 Analyst: 4150 Date Prep: Nov-14-08 13:40 Tech: ABA
Seq Number: 740582

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-14-08 19:00 Analyst: VCH Date Prep: Nov-14-08 07:49 Tech: 4118
Seq Number: 740426

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-17-08 12:23 Analyst: 4150 Date Prep: Nov-14-08 11:53 Tech: ABA
Seq Number: 740462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	0.026	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.009	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.002	0.010	0.002	mg/L	J	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-3**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-002**	Date Collected: **Nov-11-08 10:45**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 19:15 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458

Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	9.77	10.0	3.09	ug/L	J	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-3**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-002**	Date Collected: **Nov-11-08 10:45**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 19:15 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458

Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-3**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-002**	Date Collected: **Nov-11-08 10:45**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 10:02 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148

Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	10.0	1.6	ug/L	U	10
1,1,2,2-Tetrachloroethane	79-34-5	U	10.0	1.8	ug/L	U	10
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	10.0	1.1	ug/L	U	10
1,1,2-Trichloroethane	79-00-5	U	10.0	2.5	ug/L	U	10
1,1-Dichloroethane	75-34-3	U	10.0	1.1	ug/L	U	10
1,1-Dichloroethene	75-35-4	U	10.0	2.0	ug/L	U	10
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.7	ug/L	U	10
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	10.0	1.9	ug/L	U	10
1,2-Dibromoethane (EDB)	106-93-4	U	10.0	1.8	ug/L	U	10
1,2-Dichlorobenzene	95-50-1	U	10.0	1.4	ug/L	U	10
1,2-Dichloroethane	107-06-2	U	10.0	1.8	ug/L	U	10
1,2-Dichloropropane	78-87-5	U	10.0	1.5	ug/L	U	10
1,3-Dichlorobenzene	541-73-1	U	10.0	1.7	ug/L	U	10
1,4-Dichlorobenzene	106-46-7	U	10.0	1.7	ug/L	U	10
2-Butanone (MEK)	78-93-3	U	20.0	2.8	ug/L	U	10
2-Hexanone	591-78-6	U	20.0	3.2	ug/L	U	10
4-Methyl-2-pentanone (MIBK)	108-10-1	U	20.0	2.6	ug/L	U	10
Acetone	67-64-1	U	20.0	3.5	ug/L	U	10
Benzene	71-43-2	U	10.0	1.6	ug/L	U	10
Bromodichloromethane	75-27-4	U	10.0	2.5	ug/L	U	10
Bromoform	75-25-2	U	10.0	1.7	ug/L	U	10
Bromomethane	74-83-9	U	10.0	2.5	ug/L	U	10
Carbon disulfide	75-15-0	U	10.0	2.6	ug/L	U	10
Carbon tetrachloride	56-23-5	U	10.0	3.3	ug/L	U	10
Chlorobenzene	108-90-7	U	10.0	1.5	ug/L	U	10
Chloroethane	75-00-3	U	10.0	2.6	ug/L	U	10
Chloroform	67-66-3	U	10.0	1.6	ug/L	U	10
Chloromethane	74-87-3	U	10.0	2.5	ug/L	U	10
cis-1,2-Dichloroethene	156-59-2	U	10.0	2.1	ug/L	U	10
cis-1,3-Dichloropropene	10061-01-5	U	10.0	1.0	ug/L	U	10
Cyclohexane	110-82-7	U	10.0	1.5	ug/L	U	10
Dibromochloromethane	124-48-1	U	10.0	1.5	ug/L	U	10
Dichlorodifluoromethane	75-71-8	U	10.0	2.2	ug/L	U	10
Ethylbenzene	100-41-4	U	10.0	1.9	ug/L	U	10
Isopropylbenzene	98-82-8	U	10.0	1.5	ug/L	U	10
m,p-Xylenes	179601-23-1	U	20.0	5.1	ug/L	U	10
Methyl acetate	79-20-9	U	20.0	2.6	ug/L	U	10
Methyl tert-butyl ether	1634-04-4	U	20.0	1.8	ug/L	U	10
Methylcyclohexane	108-87-2	U	10.0	1.1	ug/L	U	10

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Version: 1.034

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-3**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-002**	Date Collected: **Nov-11-08 10:45**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 10:02 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	10.0	4.2	ug/L	U	10
o-Xylene	95-47-6	U	10.0	2.0	ug/L	U	10
Styrene	100-42-5	U	10.0	1.8	ug/L	U	10
Tetrachloroethene	127-18-4	U	10.0	1.6	ug/L	U	10
Toluene	108-88-3	U	10.0	1.4	ug/L	U	10
trans-1,2-Dichloroethene	156-60-5	U	10.0	2.1	ug/L	U	10
trans-1,3-Dichloropropene	10061-02-6	U	10.0	1.1	ug/L	U	10
Trichloroethene	79-01-6	U	10.0	1.9	ug/L	U	10
Trichlorofluoromethane	75-69-4	U	10.0	5.3	ug/L	U	10
Vinyl chloride	75-01-4	U	10.0	1.9	ug/L	U	10
Xylenes, Total	1330-20-7	U	30.0		ug/L	U	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-20-08 19:23 Analyst: 4124 Date Prep: Nov-20-08 17:20 Tech: 4124
Seq Number: 741017

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-18-08 06:45 Analyst: Date Prep: Nov-14-08 15:30 Tech: 5458
Seq Number: 741062

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	3.2	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-12-08 13:55 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740136

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.11	N/A	N/A	SU		1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-5**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-003**	Date Collected: **Nov-11-08 09:35**	Date Received: **Nov-12-08 12:15**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-18-08 15:09 Analyst: 4150 Date Prep: Nov-14-08 13:40 Tech: ABA
Seq Number: 740582

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-14-08 19:24 Analyst: VCH Date Prep: Nov-14-08 07:49 Tech: 4118
Seq Number: 740426

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-17-08 12:24 Analyst: 4150 Date Prep: Nov-14-08 11:53 Tech: ABA
Seq Number: 740462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.018	0.010	0.007	mg/L		1
Barium	7440-39-3	0.031	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.011	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.006	0.010	0.002	mg/L	J	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-5** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-003** Date Collected: **Nov-11-08 09:35** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 19:43 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458
Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-5**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-003**	Date Collected: **Nov-11-08 09:35**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 19:43 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458

Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	3.20	10.0	1.81	ug/L	J	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	3.05	10.0	2.40	ug/L	J	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-5** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-003** Date Collected: **Nov-11-08 09:35** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 13:48 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	50.0	8.0	ug/L	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	50.0	9.0	ug/L	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	50.0	5.5	ug/L	U	50
1,1,2-Trichloroethane	79-00-5	U	50.0	13	ug/L	U	50
1,1-Dichloroethane	75-34-3	U	50.0	5.5	ug/L	U	50
1,1-Dichloroethene	75-35-4	U	50.0	10	ug/L	U	50
1,2,4-Trichlorobenzene	120-82-1	U	50.0	8.5	ug/L	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	50.0	9.5	ug/L	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	50.0	9.0	ug/L	U	50
1,2-Dichlorobenzene	95-50-1	U	50.0	7.0	ug/L	U	50
1,2-Dichloroethane	107-06-2	U	50.0	9.0	ug/L	U	50
1,2-Dichloropropane	78-87-5	U	50.0	7.5	ug/L	U	50
1,3-Dichlorobenzene	541-73-1	U	50.0	8.5	ug/L	U	50
1,4-Dichlorobenzene	106-46-7	U	50.0	8.5	ug/L	U	50
2-Butanone (MEK)	78-93-3	U	100	14	ug/L	U	50
2-Hexanone	591-78-6	U	100	16	ug/L	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	100	13	ug/L	U	50
Acetone	67-64-1	U	100	18	ug/L	U	50
Benzene	71-43-2	U	50.0	8.0	ug/L	U	50
Bromodichloromethane	75-27-4	U	50.0	13	ug/L	U	50
Bromoform	75-25-2	U	50.0	8.5	ug/L	U	50
Bromomethane	74-83-9	U	50.0	13	ug/L	U	50
Carbon disulfide	75-15-0	U	50.0	13	ug/L	U	50
Carbon tetrachloride	56-23-5	U	50.0	17	ug/L	U	50
Chlorobenzene	108-90-7	U	50.0	7.5	ug/L	U	50
Chloroethane	75-00-3	U	50.0	13	ug/L	U	50
Chloroform	67-66-3	U	50.0	8.0	ug/L	U	50
Chloromethane	74-87-3	U	50.0	13	ug/L	U	50
cis-1,2-Dichloroethene	156-59-2	U	50.0	11	ug/L	U	50
cis-1,3-Dichloropropene	10061-01-5	U	50.0	5.0	ug/L	U	50
Cyclohexane	110-82-7	U	50.0	7.5	ug/L	U	50
Dibromochloromethane	124-48-1	U	50.0	7.5	ug/L	U	50
Dichlorodifluoromethane	75-71-8	U	50.0	11	ug/L	U	50
Ethylbenzene	100-41-4	U	50.0	9.5	ug/L	U	50
Isopropylbenzene	98-82-8	U	50.0	7.5	ug/L	U	50
m,p-Xylenes	179601-23-1	U	100	26	ug/L	U	50
Methyl acetate	79-20-9	U	100	13	ug/L	U	50
Methyl tert-butyl ether	1634-04-4	U	100	9.0	ug/L	U	50
Methylcyclohexane	108-87-2	U	50.0	5.5	ug/L	U	50

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-5**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-003**	Date Collected: **Nov-11-08 09:35**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 13:48 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	230	50.0	21	ug/L		50
o-Xylene	95-47-6	U	50.0	10	ug/L	U	50
Styrene	100-42-5	U	50.0	9.0	ug/L	U	50
Tetrachloroethene	127-18-4	U	50.0	8.0	ug/L	U	50
Toluene	108-88-3	U	50.0	7.0	ug/L	U	50
trans-1,2-Dichloroethene	156-60-5	U	50.0	11	ug/L	U	50
trans-1,3-Dichloropropene	10061-02-6	U	50.0	5.5	ug/L	U	50
Trichloroethene	79-01-6	U	50.0	9.5	ug/L	U	50
Trichlorofluoromethane	75-69-4	U	50.0	27	ug/L	U	50
Vinyl chloride	75-01-4	U	50.0	9.5	ug/L	U	50
Xylenes, Total	1330-20-7	U	150		ug/L	U	50

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-20-08 22:27 Analyst: 4124 Date Prep: Nov-20-08 17:20 Tech: 4124
Seq Number: 741017

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.50	0.10	mg/L	U	5

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-20-08 17:57 Analyst: WIB Date Prep: Nov-14-08 15:30 Tech: 5458
Seq Number: 741062

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	47	6.0	0.52	mg/L		20

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-12-08 13:55 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740136

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.84	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-4**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-004**	Date Collected: **Nov-11-08 10:10**	Date Received: **Nov-12-08 12:15**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-18-08 15:13 Analyst: 4150 Date Prep: Nov-14-08 13:40 Tech: ABA
Seq Number: 740582

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-14-08 19:47 Analyst: VCH Date Prep: Nov-14-08 07:49 Tech: 4118
Seq Number: 740426

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-17-08 12:26 Analyst: 4150 Date Prep: Nov-14-08 11:53 Tech: ABA
Seq Number: 740462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.007	0.010	0.007	mg/L	J	1
Barium	7440-39-3	0.039	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.001	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.005	0.010	0.002	mg/L	J	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-4** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-004** Date Collected: **Nov-11-08 10:10** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 20:10 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458
Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	5.67	10.0	3.09	ug/L	J	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

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Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-4**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-004**	Date Collected: **Nov-11-08 10:10**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 20:10 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458

Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-4** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-004** Date Collected: **Nov-11-08 10:10** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 10:31 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	10.0	1.6	ug/L	U	10
1,1,2,2-Tetrachloroethane	79-34-5	U	10.0	1.8	ug/L	U	10
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	10.0	1.1	ug/L	U	10
1,1,2-Trichloroethane	79-00-5	U	10.0	2.5	ug/L	U	10
1,1-Dichloroethane	75-34-3	U	10.0	1.1	ug/L	U	10
1,1-Dichloroethene	75-35-4	U	10.0	2.0	ug/L	U	10
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.7	ug/L	U	10
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	10.0	1.9	ug/L	U	10
1,2-Dibromoethane (EDB)	106-93-4	U	10.0	1.8	ug/L	U	10
1,2-Dichlorobenzene	95-50-1	U	10.0	1.4	ug/L	U	10
1,2-Dichloroethane	107-06-2	U	10.0	1.8	ug/L	U	10
1,2-Dichloropropane	78-87-5	U	10.0	1.5	ug/L	U	10
1,3-Dichlorobenzene	541-73-1	U	10.0	1.7	ug/L	U	10
1,4-Dichlorobenzene	106-46-7	U	10.0	1.7	ug/L	U	10
2-Butanone (MEK)	78-93-3	U	20.0	2.8	ug/L	U	10
2-Hexanone	591-78-6	U	20.0	3.2	ug/L	U	10
4-Methyl-2-pentanone (MIBK)	108-10-1	U	20.0	2.6	ug/L	U	10
Acetone	67-64-1	U	20.0	3.5	ug/L	U	10
Benzene	71-43-2	U	10.0	1.6	ug/L	U	10
Bromodichloromethane	75-27-4	U	10.0	2.5	ug/L	U	10
Bromoform	75-25-2	U	10.0	1.7	ug/L	U	10
Bromomethane	74-83-9	U	10.0	2.5	ug/L	U	10
Carbon disulfide	75-15-0	U	10.0	2.6	ug/L	U	10
Carbon tetrachloride	56-23-5	U	10.0	3.3	ug/L	U	10
Chlorobenzene	108-90-7	U	10.0	1.5	ug/L	U	10
Chloroethane	75-00-3	U	10.0	2.6	ug/L	U	10
Chloroform	67-66-3	U	10.0	1.6	ug/L	U	10
Chloromethane	74-87-3	U	10.0	2.5	ug/L	U	10
cis-1,2-Dichloroethene	156-59-2	U	10.0	2.1	ug/L	U	10
cis-1,3-Dichloropropene	10061-01-5	U	10.0	1.0	ug/L	U	10
Cyclohexane	110-82-7	U	10.0	1.5	ug/L	U	10
Dibromochloromethane	124-48-1	U	10.0	1.5	ug/L	U	10
Dichlorodifluoromethane	75-71-8	U	10.0	2.2	ug/L	U	10
Ethylbenzene	100-41-4	U	10.0	1.9	ug/L	U	10
Isopropylbenzene	98-82-8	U	10.0	1.5	ug/L	U	10
m,p-Xylenes	179601-23-1	U	20.0	5.1	ug/L	U	10
Methyl acetate	79-20-9	U	20.0	2.6	ug/L	U	10
Methyl tert-butyl ether	1634-04-4	U	20.0	1.8	ug/L	U	10
Methylcyclohexane	108-87-2	U	10.0	1.1	ug/L	U	10

Project: Xenco-Atlanta Master Project

Version: 1.034

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-4**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-004**	Date Collected: **Nov-11-08 10:10**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 10:31 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	33	10.0	4.2	ug/L		10
o-Xylene	95-47-6	U	10.0	2.0	ug/L	U	10
Styrene	100-42-5	U	10.0	1.8	ug/L	U	10
Tetrachloroethene	127-18-4	U	10.0	1.6	ug/L	U	10
Toluene	108-88-3	U	10.0	1.4	ug/L	U	10
trans-1,2-Dichloroethene	156-60-5	U	10.0	2.1	ug/L	U	10
trans-1,3-Dichloropropene	10061-02-6	U	10.0	1.1	ug/L	U	10
Trichloroethene	79-01-6	U	10.0	1.9	ug/L	U	10
Trichlorofluoromethane	75-69-4	U	10.0	5.3	ug/L	U	10
Vinyl chloride	75-01-4	U	10.0	1.9	ug/L	U	10
Xylenes, Total	1330-20-7	U	30.0		ug/L	U	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-20-08 19:54 Analyst: 4124 Date Prep: Nov-20-08 17:20 Tech: 4124
Seq Number: 741017

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-18-08 07:35 Analyst: Date Prep: Nov-14-08 15:30 Tech: 5458
Seq Number: 741062

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	2.5	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-12-08 13:55 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740136

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.09	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.034

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-4-S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-005**	Date Collected: **Nov-11-08 15:30**	Date Received: **Nov-12-08 12:15**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 14:41 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741491

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-17-08 13:20 Analyst: 4150 Date Prep: Nov-14-08 11:55 Tech: ABA
Seq Number: 740439

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	0.0067	0.0500	0.0030	mg/kg	J	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-20-08 20:55 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	32	3.6	ug/kg	U	1
PCB-1221	11104-28-2	U	32	3.4	ug/kg	U	1
PCB-1232	11141-16-5	U	32	3.3	ug/kg	U	1
PCB-1242	53469-21-9	U	32	3.6	ug/kg	U	1
PCB-1248	12672-29-6	U	32	3.4	ug/kg	U	1
PCB-1254	11097-69-1	U	32	3.7	ug/kg	U	1
PCB-1260	11096-82-5	U	32	4.1	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-14-08 12:42 Analyst: 4150 Date Prep: Nov-13-08 14:28 Tech: ABA
Seq Number: 740287

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	5.00	0.617	mg/kg	U	1
Barium	7440-39-3	13.0	5.00	0.153	mg/kg		1
Cadmium	7440-43-9	0.390	0.500	0.021	mg/kg	J	1
Chromium	7440-47-3	10.5	5.00	0.096	mg/kg		1
Lead	7439-92-1	2.01	5.00	0.300	mg/kg	J	1
Selenium	7782-49-2	U	5.00	0.956	mg/kg	U	1
Silver	7440-22-4	0.110	5.00	0.047	mg/kg	JB	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-4-S** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317459-005** Date Collected: **Nov-11-08 15:30** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 01:57 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	3300	580	ug/kg	U	10
1,2-Dichlorobenzene	95-50-1	U	3300	530	ug/kg	U	10
1,3-Dichlorobenzene	541-73-1	U	3300	520	ug/kg	U	10
1,4-Dichlorobenzene	106-46-7	U	3300	510	ug/kg	U	10
2,4,5-Trichlorophenol	95-95-4	U	3300	600	ug/kg	U	10
2,4,6-Trichlorophenol	88-06-2	U	3300	630	ug/kg	U	10
2,4-Dichlorophenol	120-83-2	U	3300	420	ug/kg	U	10
2,4-Dimethylphenol	105-67-9	U	3300	590	ug/kg	U	10
2,4-Dinitrophenol	51-28-5	U	6500	530	ug/kg	U	10
2,4-Dinitrotoluene	121-14-2	U	3300	530	ug/kg	U	10
2,6-Dinitrotoluene	606-20-2	U	3300	420	ug/kg	U	10
2-Chloronaphthalene	91-58-7	U	3300	590	ug/kg	U	10
2-Chlorophenol	95-57-8	U	3300	580	ug/kg	U	10
2-Methylnaphthalene	91-57-6	510	3300	500	ug/kg	J	10
2-methylphenol	95-48-7	U	3300	460	ug/kg	U	10
2-Nitroaniline	88-74-4	U	6500	440	ug/kg	U	10
2-Nitrophenol	88-75-5	U	3300	410	ug/kg	U	10
3&4-Methylphenol		U	6500	970	ug/kg	U	10
3,3-Dichlorobenzidine	91-94-1	U	6500	480	ug/kg	U	10
3-Nitroaniline	99-09-2	U	6500	450	ug/kg	U	10
4,6-dinitro-2-methyl phenol	534-52-1	U	6500	570	ug/kg	U	10
4-Bromophenyl-phenylether	101-55-3	U	3300	560	ug/kg	U	10
4-chloro-3-methylphenol	59-50-7	U	3300	470	ug/kg	U	10
4-Chloroaniline	106-47-8	U	3300	540	ug/kg	U	10
4-Chlorophenyl Phenyl Ether	7005-72-3	U	3300	620	ug/kg	U	10
4-Nitroaniline	100-01-6	U	6500	500	ug/kg	U	10
4-Nitrophenol	100-02-7	U	6500	400	ug/kg	U	10
Acenaphthene	83-32-9	U	3300	460	ug/kg	U	10
Acenaphthylene	208-96-8	U	3300	560	ug/kg	U	10
Anthracene	120-12-7	U	3300	480	ug/kg	U	10
Benzo(a)anthracene	56-55-3	660	3300	530	ug/kg	J	10
Benzo(a)pyrene	50-32-8	540	3300	480	ug/kg	J	10
Benzo(b)fluoranthene	205-99-2	690	3300	530	ug/kg	J	10
Benzo(g,h,i)perylene	191-24-2	U	3300	540	ug/kg	U	10
Benzo(k)fluoranthene	207-08-9	1100	3300	560	ug/kg	J	10
bis(2-chloroethoxy) methane	111-91-1	U	3300	390	ug/kg	U	10
bis(2-chloroethyl) ether	111-44-4	U	3300	460	ug/kg	U	10
bis(2-ethylhexyl) phthalate	117-81-7	U	3300	530	ug/kg	U	10
Benzyl Butyl Phthalate	85-68-7	U	3300	490	ug/kg	U	10

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-4-S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-005**	Date Collected: **Nov-11-08 15:30**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 01:57 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155

Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	3300	560	ug/kg	U	10
Chrysene	218-01-9	1200	3300	430	ug/kg	J	10
Dibenz(a,h)anthracene	53-70-3	U	3300	630	ug/kg	U	10
Dibenzofuran	132-64-9	U	3300	420	ug/kg	U	10
Diethyl Phthalate	84-66-2	U	3300	530	ug/kg	U	10
Dimethyl Phthalate	131-11-3	U	3300	490	ug/kg	U	10
di-n-Butyl Phthalate	84-74-2	U	3300	600	ug/kg	U	10
di-n-Octyl Phthalate	117-84-0	U	3300	540	ug/kg	U	10
Fluoranthene	206-44-0	2700	3300	420	ug/kg	J	10
Fluorene	86-73-7	U	3300	400	ug/kg	U	10
Hexachlorobenzene	118-74-1	U	3300	550	ug/kg	U	10
Hexachlorobutadiene	87-68-3	U	3300	360	ug/kg	U	10
Hexachlorocyclopentadiene	77-47-4	U	3300	560	ug/kg	U	10
Hexachloroethane	67-72-1	U	3300	510	ug/kg	U	10
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	3300	590	ug/kg	U	10
Isophorone	78-59-1	U	3300	340	ug/kg	U	10
Naphthalene	91-20-3	U	3300	520	ug/kg	U	10
Nitrobenzene	98-95-3	U	3300	580	ug/kg	U	10
N-Nitrosodi-n-Propylamine	621-64-7	U	3300	470	ug/kg	U	10
N-Nitrosodiphenylamine	86-30-6	U	3300	690	ug/kg	U	10
Pentachlorophenol	87-86-5	U	6500	590	ug/kg	U	10
Phenanthrene	85-01-8	1600	3300	540	ug/kg	J	10
Phenol	108-95-2	610	3300	460	ug/kg	J	10
Pyrene	129-00-0	1400	3300	560	ug/kg	J	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-21-08 15:29 Analyst: 4124 Date Prep: Nov-21-08 09:15 Tech: 4124

Seq Number: 741068

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	8.0	1.2	mg/kg	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-20-08 03:15 Analyst: WIB Date Prep: Nov-18-08 10:00 Tech: 4155

Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	3100	200	23	mg/kg	D	20

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-4-S** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317459-005** Date Collected: **Nov-11-08 15:30** Date Received: **Nov-12-08 12:15**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 10:14 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: ANI
Seq Number: 741984

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	200	30	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	200	47	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	200	44	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	200	27	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	200	32	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	200	46	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	200	35	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	200	64	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	200	34	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	200	51	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	200	24	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	200	37	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	200	40	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	200	27	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2000	360	ug/kg	U	50
2-Hexanone	591-78-6	U	2000	45	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2000	130	ug/kg	U	50
Acetone	67-64-1	1200	2000	270	ug/kg	J	50
Benzene	71-43-2	70	200	20	ug/kg	J	50
Bromodichloromethane	75-27-4	U	200	20	ug/kg	U	50
Bromoform	75-25-2	U	200	38	ug/kg	U	50
Bromomethane	74-83-9	U	200	98	ug/kg	U	50
Carbon disulfide	75-15-0	U	200	58	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	200	30	ug/kg	U	50
Chlorobenzene	108-90-7	U	400	23	ug/kg	U	50
Chloroethane	75-00-3	U	200	97	ug/kg	U	50
Chloroform	67-66-3	U	200	29	ug/kg	U	50
Chloromethane	74-87-3	U	200	92	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	200	26	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	200	21	ug/kg	U	50
Cyclohexane	110-82-7	U	200	38	ug/kg	U	50
Dibromochloromethane	124-48-1	U	200	40	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	200	47	ug/kg	U	50
Ethylbenzene	100-41-4	38	200	22	ug/kg	J	50
Isopropylbenzene	98-82-8	U	200	30	ug/kg	U	50
m,p-Xylenes	179601-23-1	160	400	48	ug/kg	J	50
Methyl acetate	79-20-9	U	200	38	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	200	28	ug/kg	U	50
Methylcyclohexane	108-87-2	U	200	43	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-4-S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-005**	Date Collected: **Nov-11-08 15:30**	Date Received: **Nov-12-08 12:15**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 10:14 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: ANI

Seq Number: 741984

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	200	86	ug/kg	U	50
o-Xylene	95-47-6	140	200	28	ug/kg	J	50
Styrene	100-42-5	U	200	30	ug/kg	U	50
Tetrachloroethene	127-18-4	U	200	41	ug/kg	U	50
Toluene	108-88-3	U	200	23	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	200	31	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	200	27	ug/kg	U	50
Trichloroethene	79-01-6	U	200	28	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	200	140	ug/kg	U	50
Vinyl chloride	75-01-4	U	200	80	ug/kg	U	50
Xylenes, Total	1330-20-7	300	200		ug/kg		50

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-12-08 13:55 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740136

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.50	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-5-S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-006**	Date Collected: **Nov-11-08 15:10**	Date Received: **Nov-12-08 12:15**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 14:41 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741491

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-17-08 13:20 Analyst: 4150 Date Prep: Nov-14-08 11:55 Tech: ABA
Seq Number: 740439

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	0.0036	0.0490	0.0029	mg/kg	J	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-20-08 21:19 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	33	3.6	ug/kg	U	1
PCB-1221	11104-28-2	U	33	3.4	ug/kg	U	1
PCB-1232	11141-16-5	U	33	3.3	ug/kg	U	1
PCB-1242	53469-21-9	U	33	3.6	ug/kg	U	1
PCB-1248	12672-29-6	U	33	3.4	ug/kg	U	1
PCB-1254	11097-69-1	U	33	3.7	ug/kg	U	1
PCB-1260	11096-82-5	U	33	4.1	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-14-08 12:43 Analyst: 4150 Date Prep: Nov-13-08 14:28 Tech: ABA
Seq Number: 740287

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.587	4.59	0.566	mg/kg	J	1
Barium	7440-39-3	29.7	4.59	0.140	mg/kg		1
Cadmium	7440-43-9	0.147	0.459	0.019	mg/kg	J	1
Chromium	7440-47-3	1.04	4.59	0.088	mg/kg	J	1
Lead	7439-92-1	1.16	4.59	0.275	mg/kg	J	1
Selenium	7782-49-2	U	4.59	0.877	mg/kg	U	1
Silver	7440-22-4	0.138	4.59	0.043	mg/kg	JB	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-5-S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-006**	Date Collected: **Nov-11-08 15:10**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 02:25 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155

Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	3300	580	ug/kg	U	10
1,2-Dichlorobenzene	95-50-1	U	3300	530	ug/kg	U	10
1,3-Dichlorobenzene	541-73-1	U	3300	520	ug/kg	U	10
1,4-Dichlorobenzene	106-46-7	U	3300	510	ug/kg	U	10
2,4,5-Trichlorophenol	95-95-4	U	3300	600	ug/kg	U	10
2,4,6-Trichlorophenol	88-06-2	U	3300	630	ug/kg	U	10
2,4-Dichlorophenol	120-83-2	U	3300	410	ug/kg	U	10
2,4-Dimethylphenol	105-67-9	U	3300	590	ug/kg	U	10
2,4-Dinitrophenol	51-28-5	U	6500	520	ug/kg	U	10
2,4-Dinitrotoluene	121-14-2	U	3300	520	ug/kg	U	10
2,6-Dinitrotoluene	606-20-2	U	3300	420	ug/kg	U	10
2-Chloronaphthalene	91-58-7	U	3300	590	ug/kg	U	10
2-Chlorophenol	95-57-8	U	3300	580	ug/kg	U	10
2-Methylnaphthalene	91-57-6	U	3300	500	ug/kg	U	10
2-methylphenol	95-48-7	U	3300	460	ug/kg	U	10
2-Nitroaniline	88-74-4	U	6500	440	ug/kg	U	10
2-Nitrophenol	88-75-5	U	3300	410	ug/kg	U	10
3&4-Methylphenol		U	6500	970	ug/kg	U	10
3,3-Dichlorobenzidine	91-94-1	U	6500	480	ug/kg	U	10
3-Nitroaniline	99-09-2	U	6500	450	ug/kg	U	10
4,6-dinitro-2-methyl phenol	534-52-1	U	6500	570	ug/kg	U	10
4-Bromophenyl-phenylether	101-55-3	U	3300	550	ug/kg	U	10
4-chloro-3-methylphenol	59-50-7	U	3300	470	ug/kg	U	10
4-Chloroaniline	106-47-8	U	3300	540	ug/kg	U	10
4-Chlorophenyl Phenyl Ether	7005-72-3	U	3300	620	ug/kg	U	10
4-Nitroaniline	100-01-6	U	6500	500	ug/kg	U	10
4-Nitrophenol	100-02-7	U	6500	400	ug/kg	U	10
Acenaphthene	83-32-9	U	3300	460	ug/kg	U	10
Acenaphthylene	208-96-8	U	3300	550	ug/kg	U	10
Anthracene	120-12-7	2300	3300	480	ug/kg	J	10
Benzo(a)anthracene	56-55-3	U	3300	530	ug/kg	U	10
Benzo(a)pyrene	50-32-8	U	3300	480	ug/kg	U	10
Benzo(b)fluoranthene	205-99-2	U	3300	530	ug/kg	U	10
Benzo(g,h,i)perylene	191-24-2	U	3300	540	ug/kg	U	10
Benzo(k)fluoranthene	207-08-9	590	3300	560	ug/kg	J	10
bis(2-chloroethoxy) methane	111-91-1	U	3300	390	ug/kg	U	10
bis(2-chloroethyl) ether	111-44-4	U	3300	460	ug/kg	U	10
bis(2-ethylhexyl) phthalate	117-81-7	U	3300	530	ug/kg	U	10
Benzyl Butyl Phthalate	85-68-7	U	3300	490	ug/kg	U	10

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-5-S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-006**	Date Collected: **Nov-11-08 15:10**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 02:25 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155

Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	3300	560	ug/kg	U	10
Chrysene	218-01-9	630	3300	430	ug/kg	J	10
Dibenz(a,h)anthracene	53-70-3	U	3300	630	ug/kg	U	10
Dibenzofuran	132-64-9	U	3300	420	ug/kg	U	10
Diethyl Phthalate	84-66-2	U	3300	520	ug/kg	U	10
Dimethyl Phthalate	131-11-3	U	3300	490	ug/kg	U	10
di-n-Butyl Phthalate	84-74-2	U	3300	600	ug/kg	U	10
di-n-Octyl Phthalate	117-84-0	U	3300	540	ug/kg	U	10
Fluoranthene	206-44-0	2800	3300	420	ug/kg	J	10
Fluorene	86-73-7	U	3300	400	ug/kg	U	10
Hexachlorobenzene	118-74-1	U	3300	540	ug/kg	U	10
Hexachlorobutadiene	87-68-3	U	3300	360	ug/kg	U	10
Hexachlorocyclopentadiene	77-47-4	U	3300	560	ug/kg	U	10
Hexachloroethane	67-72-1	U	3300	510	ug/kg	U	10
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	3300	590	ug/kg	U	10
Isophorone	78-59-1	U	3300	340	ug/kg	U	10
Naphthalene	91-20-3	U	3300	520	ug/kg	U	10
Nitrobenzene	98-95-3	U	3300	580	ug/kg	U	10
N-Nitrosodi-n-Propylamine	621-64-7	U	3300	470	ug/kg	U	10
N-Nitrosodiphenylamine	86-30-6	U	3300	680	ug/kg	U	10
Pentachlorophenol	87-86-5	U	6500	590	ug/kg	U	10
Phenanthrene	85-01-8	2300	3300	540	ug/kg	J	10
Phenol	108-95-2	U	3300	460	ug/kg	U	10
Pyrene	129-00-0	800	3300	550	ug/kg	J	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-21-08 15:59 Analyst: 4124 Date Prep: Nov-21-08 09:15 Tech: 4124

Seq Number: 741068

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	57	8.5	mg/kg	U	250

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-20-08 03:40 Analyst: WIB Date Prep: Nov-18-08 10:00 Tech: 4155

Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	4200	250	28	mg/kg	D	25

Project: Xenco-Atlanta Master Project

Version: 1.034

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-5-S** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317459-006** Date Collected: **Nov-11-08 15:10** Date Received: **Nov-12-08 12:15**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 11:12 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: ANI
Seq Number: 741984

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	310	46	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	310	73	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	310	68	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	310	41	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	310	49	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	310	71	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	310	54	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	310	99	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	310	53	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	310	79	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	310	37	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	310	57	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	310	61	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	310	42	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	3100	560	ug/kg	U	50
2-Hexanone	591-78-6	U	3100	69	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	3100	200	ug/kg	U	50
Acetone	67-64-1	1700	3100	420	ug/kg	J	50
Benzene	71-43-2	300	310	31	ug/kg	J	50
Bromodichloromethane	75-27-4	U	310	31	ug/kg	U	50
Bromoform	75-25-2	U	310	59	ug/kg	U	50
Bromomethane	74-83-9	U	310	150	ug/kg	U	50
Carbon disulfide	75-15-0	160	310	89	ug/kg	J	50
Carbon tetrachloride	56-23-5	U	310	46	ug/kg	U	50
Chlorobenzene	108-90-7	U	610	36	ug/kg	U	50
Chloroethane	75-00-3	U	310	150	ug/kg	U	50
Chloroform	67-66-3	U	310	45	ug/kg	U	50
Chloromethane	74-87-3	U	310	140	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	310	41	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	310	33	ug/kg	U	50
Cyclohexane	110-82-7	U	310	58	ug/kg	U	50
Dibromochloromethane	124-48-1	U	310	61	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	310	72	ug/kg	U	50
Ethylbenzene	100-41-4	98	310	35	ug/kg	J	50
Isopropylbenzene	98-82-8	U	310	47	ug/kg	U	50
m,p-Xylenes	179601-23-1	350	610	74	ug/kg	J	50
Methyl acetate	79-20-9	500	310	58	ug/kg		50
Methyl tert-butyl ether	1634-04-4	U	310	43	ug/kg	U	50
Methylcyclohexane	108-87-2	U	310	67	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.034

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-5-S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-006**	Date Collected: **Nov-11-08 15:10**	Date Received: **Nov-12-08 12:15**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 11:12 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: ANI

Seq Number: 741984

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	310	130	ug/kg	U	50
o-Xylene	95-47-6	230	310	44	ug/kg	J	50
Styrene	100-42-5	U	310	46	ug/kg	U	50
Tetrachloroethene	127-18-4	U	310	64	ug/kg	U	50
Toluene	108-88-3	U	310	36	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	310	48	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	310	41	ug/kg	U	50
Trichloroethene	79-01-6	U	310	43	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	310	220	ug/kg	U	50
Vinyl chloride	75-01-4	U	310	120	ug/kg	U	50
Xylenes, Total	1330-20-7	580	310		ug/kg		50

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-12-08 13:55 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740136

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.00	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.034

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40108**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-007**	Date Collected: **Nov-11-08 00:00**	Date Received: **Nov-12-08 12:15**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 14:41 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741491

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-17-08 13:20 Analyst: 4150 Date Prep: Nov-14-08 11:55 Tech: ABA
Seq Number: 740439

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	0.0092	0.0500	0.0030	mg/kg	J	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-20-08 21:43 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	33	3.6	ug/kg	U	1
PCB-1221	11104-28-2	U	33	3.4	ug/kg	U	1
PCB-1232	11141-16-5	U	33	3.3	ug/kg	U	1
PCB-1242	53469-21-9	U	33	3.6	ug/kg	U	1
PCB-1248	12672-29-6	U	33	3.4	ug/kg	U	1
PCB-1254	11097-69-1	U	33	3.7	ug/kg	U	1
PCB-1260	11096-82-5	U	33	4.1	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-14-08 12:45 Analyst: 4150 Date Prep: Nov-13-08 14:28 Tech: ABA
Seq Number: 740287

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	1.02	4.59	0.566	mg/kg	J	1
Barium	7440-39-3	29.9	4.59	0.140	mg/kg		1
Cadmium	7440-43-9	0.890	0.459	0.019	mg/kg		1
Chromium	7440-47-3	4.13	4.59	0.088	mg/kg	J	1
Lead	7439-92-1	2.15	4.59	0.275	mg/kg	J	1
Selenium	7782-49-2	U	4.59	0.877	mg/kg	U	1
Silver	7440-22-4	0.174	4.59	0.043	mg/kg	JB	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40108**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-007**	Date Collected: **Nov-11-08 00:00**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 02:52 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155

Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	3300	590	ug/kg	U	10
1,2-Dichlorobenzene	95-50-1	U	3300	540	ug/kg	U	10
1,3-Dichlorobenzene	541-73-1	U	3300	530	ug/kg	U	10
1,4-Dichlorobenzene	106-46-7	U	3300	520	ug/kg	U	10
2,4,5-Trichlorophenol	95-95-4	U	3300	610	ug/kg	U	10
2,4,6-Trichlorophenol	88-06-2	U	3300	640	ug/kg	U	10
2,4-Dichlorophenol	120-83-2	U	3300	420	ug/kg	U	10
2,4-Dimethylphenol	105-67-9	U	3300	610	ug/kg	U	10
2,4-Dinitrophenol	51-28-5	U	6700	540	ug/kg	U	10
2,4-Dinitrotoluene	121-14-2	U	3300	540	ug/kg	U	10
2,6-Dinitrotoluene	606-20-2	U	3300	430	ug/kg	U	10
2-Chloronaphthalene	91-58-7	U	3300	610	ug/kg	U	10
2-Chlorophenol	95-57-8	U	3300	600	ug/kg	U	10
2-Methylnaphthalene	91-57-6	U	3300	510	ug/kg	U	10
2-methylphenol	95-48-7	U	3300	470	ug/kg	U	10
2-Nitroaniline	88-74-4	U	6700	450	ug/kg	U	10
2-Nitrophenol	88-75-5	U	3300	420	ug/kg	U	10
3&4-Methylphenol		U	6700	990	ug/kg	U	10
3,3-Dichlorobenzidine	91-94-1	U	6700	490	ug/kg	U	10
3-Nitroaniline	99-09-2	U	6700	460	ug/kg	U	10
4,6-dinitro-2-methyl phenol	534-52-1	U	6700	580	ug/kg	U	10
4-Bromophenyl-phenylether	101-55-3	U	3300	570	ug/kg	U	10
4-chloro-3-methylphenol	59-50-7	U	3300	480	ug/kg	U	10
4-Chloroaniline	106-47-8	3700	3300	550	ug/kg		10
4-Chlorophenyl Phenyl Ether	7005-72-3	U	3300	630	ug/kg	U	10
4-Nitroaniline	100-01-6	U	6700	510	ug/kg	U	10
4-Nitrophenol	100-02-7	U	6700	410	ug/kg	U	10
Acenaphthene	83-32-9	U	3300	470	ug/kg	U	10
Acenaphthylene	208-96-8	U	3300	570	ug/kg	U	10
Anthracene	120-12-7	1600	3300	490	ug/kg	J	10
Benzo(a)anthracene	56-55-3	560	3300	540	ug/kg	J	10
Benzo(a)pyrene	50-32-8	U	3300	490	ug/kg	U	10
Benzo(b)fluoranthene	205-99-2	U	3300	540	ug/kg	U	10
Benzo(g,h,i)perylene	191-24-2	U	3300	550	ug/kg	U	10
Benzo(k)fluoranthene	207-08-9	1000	3300	570	ug/kg	J	10
bis(2-chloroethoxy) methane	111-91-1	U	3300	400	ug/kg	U	10
bis(2-chloroethyl) ether	111-44-4	U	3300	470	ug/kg	U	10
bis(2-ethylhexyl) phthalate	117-81-7	U	3300	540	ug/kg	U	10
Benzyl Butyl Phthalate	85-68-7	U	3300	500	ug/kg	U	10

Project: Xenco-Atlanta Master Project

Version: 1.034

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40108**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-007**	Date Collected: **Nov-11-08 00:00**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 02:52 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155

Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	3300	570	ug/kg	U	10
Chrysene	218-01-9	1000	3300	440	ug/kg	J	10
Dibenz(a,h)anthracene	53-70-3	U	3300	650	ug/kg	U	10
Dibenzofuran	132-64-9	U	3300	430	ug/kg	U	10
Diethyl Phthalate	84-66-2	U	3300	540	ug/kg	U	10
Dimethyl Phthalate	131-11-3	U	3300	500	ug/kg	U	10
di-n-Butyl Phthalate	84-74-2	U	3300	610	ug/kg	U	10
di-n-Octyl Phthalate	117-84-0	U	3300	550	ug/kg	U	10
Fluoranthene	206-44-0	2400	3300	430	ug/kg	J	10
Fluorene	86-73-7	U	3300	410	ug/kg	U	10
Hexachlorobenzene	118-74-1	U	3300	560	ug/kg	U	10
Hexachlorobutadiene	87-68-3	U	3300	370	ug/kg	U	10
Hexachlorocyclopentadiene	77-47-4	U	3300	570	ug/kg	U	10
Hexachloroethane	67-72-1	U	3300	520	ug/kg	U	10
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	3300	610	ug/kg	U	10
Isophorone	78-59-1	U	3300	340	ug/kg	U	10
Naphthalene	91-20-3	U	3300	530	ug/kg	U	10
Nitrobenzene	98-95-3	U	3300	590	ug/kg	U	10
N-Nitrosodi-n-Propylamine	621-64-7	U	3300	480	ug/kg	U	10
N-Nitrosodiphenylamine	86-30-6	U	3300	700	ug/kg	U	10
Pentachlorophenol	87-86-5	U	6700	600	ug/kg	U	10
Phenanthrene	85-01-8	1500	3300	550	ug/kg	J	10
Phenol	108-95-2	U	3300	470	ug/kg	U	10
Pyrene	129-00-0	1200	3300	570	ug/kg	J	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-21-08 16:30 Analyst: 4124 Date Prep: Nov-21-08 09:15 Tech: 4124

Seq Number: 741068

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	8.0	1.2	mg/kg	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-20-08 04:05 Analyst: WIB Date Prep: Nov-18-08 10:00 Tech: 4155

Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	2400	200	23	mg/kg	D	20

Project: Xenco-Atlanta Master Project

Version: 1.034

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40108**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-007**	Date Collected: **Nov-11-08 00:00**	Date Received: **Nov-12-08 12:15**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 09:45 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: ANI

Seq Number: 741984

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	200	30	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	200	47	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	200	44	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	200	27	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	200	32	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	200	46	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	200	35	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	200	64	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	200	34	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	200	51	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	200	24	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	200	37	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	200	40	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	200	27	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2000	360	ug/kg	U	50
2-Hexanone	591-78-6	U	2000	45	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2000	130	ug/kg	U	50
Acetone	67-64-1	1900	2000	270	ug/kg	J	50
Benzene	71-43-2	100	200	20	ug/kg	J	50
Bromodichloromethane	75-27-4	U	200	20	ug/kg	U	50
Bromoform	75-25-2	U	200	38	ug/kg	U	50
Bromomethane	74-83-9	U	200	98	ug/kg	U	50
Carbon disulfide	75-15-0	U	200	58	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	200	30	ug/kg	U	50
Chlorobenzene	108-90-7	U	400	23	ug/kg	U	50
Chloroethane	75-00-3	U	200	97	ug/kg	U	50
Chloroform	67-66-3	U	200	29	ug/kg	U	50
Chloromethane	74-87-3	U	200	92	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	200	26	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	200	21	ug/kg	U	50
Cyclohexane	110-82-7	U	200	38	ug/kg	U	50
Dibromochloromethane	124-48-1	U	200	40	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	200	47	ug/kg	U	50
Ethylbenzene	100-41-4	70	200	22	ug/kg	J	50
Isopropylbenzene	98-82-8	U	200	30	ug/kg	U	50
m,p-Xylenes	179601-23-1	290	400	48	ug/kg	J	50
Methyl acetate	79-20-9	U	200	38	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	200	28	ug/kg	U	50
Methylcyclohexane	108-87-2	U	200	43	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40108**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-007**	Date Collected: **Nov-11-08 00:00**	Date Received: **Nov-12-08 12:15**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 09:45 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: ANI

Seq Number: 741984

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	200	86	ug/kg	U	50
o-Xylene	95-47-6	230	200	28	ug/kg		50
Styrene	100-42-5	U	200	30	ug/kg	U	50
Tetrachloroethene	127-18-4	U	200	41	ug/kg	U	50
Toluene	108-88-3	U	200	23	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	200	31	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	200	27	ug/kg	U	50
Trichloroethene	79-01-6	U	200	28	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	200	140	ug/kg	U	50
Vinyl chloride	75-01-4	U	200	80	ug/kg	U	50
Xylenes, Total	1330-20-7	520	200		ug/kg		50

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-12-08 13:55 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740136

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.00	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.034

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-6**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-008**	Date Collected: **Nov-11-08 10:30**	Date Received: **Nov-12-08 12:15**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-18-08 15:16 Analyst: 4150 Date Prep: Nov-14-08 13:40 Tech: ABA
Seq Number: 740582

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-14-08 20:11 Analyst: VCH Date Prep: Nov-14-08 07:49 Tech: 4118
Seq Number: 740426

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-17-08 12:28 Analyst: 4150 Date Prep: Nov-14-08 11:53 Tech: ABA
Seq Number: 740462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	0.094	0.050	0.002	mg/L		1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-6** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-008** Date Collected: **Nov-11-08 10:30** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 20:38 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458
Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	3.19	10.0	3.09	ug/L	J	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-6**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-008**	Date Collected: **Nov-11-08 10:30**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 20:38 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458

Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-6** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-008** Date Collected: **Nov-11-08 10:30** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 12:07 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	10.0	1.6	ug/L	U	10
1,1,2,2-Tetrachloroethane	79-34-5	U	10.0	1.8	ug/L	U	10
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	10.0	1.1	ug/L	U	10
1,1,2-Trichloroethane	79-00-5	U	10.0	2.5	ug/L	U	10
1,1-Dichloroethane	75-34-3	U	10.0	1.1	ug/L	U	10
1,1-Dichloroethene	75-35-4	U	10.0	2.0	ug/L	U	10
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.7	ug/L	U	10
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	10.0	1.9	ug/L	U	10
1,2-Dibromoethane (EDB)	106-93-4	U	10.0	1.8	ug/L	U	10
1,2-Dichlorobenzene	95-50-1	U	10.0	1.4	ug/L	U	10
1,2-Dichloroethane	107-06-2	U	10.0	1.8	ug/L	U	10
1,2-Dichloropropane	78-87-5	U	10.0	1.5	ug/L	U	10
1,3-Dichlorobenzene	541-73-1	U	10.0	1.7	ug/L	U	10
1,4-Dichlorobenzene	106-46-7	U	10.0	1.7	ug/L	U	10
2-Butanone (MEK)	78-93-3	U	20.0	2.8	ug/L	U	10
2-Hexanone	591-78-6	U	20.0	3.2	ug/L	U	10
4-Methyl-2-pentanone (MIBK)	108-10-1	U	20.0	2.6	ug/L	U	10
Acetone	67-64-1	U	20.0	3.5	ug/L	U	10
Benzene	71-43-2	U	10.0	1.6	ug/L	U	10
Bromodichloromethane	75-27-4	U	10.0	2.5	ug/L	U	10
Bromoform	75-25-2	U	10.0	1.7	ug/L	U	10
Bromomethane	74-83-9	U	10.0	2.5	ug/L	U	10
Carbon disulfide	75-15-0	U	10.0	2.6	ug/L	U	10
Carbon tetrachloride	56-23-5	U	10.0	3.3	ug/L	U	10
Chlorobenzene	108-90-7	U	10.0	1.5	ug/L	U	10
Chloroethane	75-00-3	U	10.0	2.6	ug/L	U	10
Chloroform	67-66-3	U	10.0	1.6	ug/L	U	10
Chloromethane	74-87-3	U	10.0	2.5	ug/L	U	10
cis-1,2-Dichloroethene	156-59-2	U	10.0	2.1	ug/L	U	10
cis-1,3-Dichloropropene	10061-01-5	U	10.0	1.0	ug/L	U	10
Cyclohexane	110-82-7	U	10.0	1.5	ug/L	U	10
Dibromochloromethane	124-48-1	U	10.0	1.5	ug/L	U	10
Dichlorodifluoromethane	75-71-8	U	10.0	2.2	ug/L	U	10
Ethylbenzene	100-41-4	U	10.0	1.9	ug/L	U	10
Isopropylbenzene	98-82-8	U	10.0	1.5	ug/L	U	10
m,p-Xylenes	179601-23-1	U	20.0	5.1	ug/L	U	10
Methyl acetate	79-20-9	U	20.0	2.6	ug/L	U	10
Methyl tert-butyl ether	1634-04-4	U	20.0	1.8	ug/L	U	10
Methylcyclohexane	108-87-2	U	10.0	1.1	ug/L	U	10

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-6**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-008**	Date Collected: **Nov-11-08 10:30**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 12:07 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	37	10.0	4.2	ug/L		10
o-Xylene	95-47-6	U	10.0	2.0	ug/L	U	10
Styrene	100-42-5	U	10.0	1.8	ug/L	U	10
Tetrachloroethene	127-18-4	U	10.0	1.6	ug/L	U	10
Toluene	108-88-3	U	10.0	1.4	ug/L	U	10
trans-1,2-Dichloroethene	156-60-5	U	10.0	2.1	ug/L	U	10
trans-1,3-Dichloropropene	10061-02-6	U	10.0	1.1	ug/L	U	10
Trichloroethene	79-01-6	U	10.0	1.9	ug/L	U	10
Trichlorofluoromethane	75-69-4	U	10.0	5.3	ug/L	U	10
Vinyl chloride	75-01-4	U	10.0	1.9	ug/L	U	10
Xylenes, Total	1330-20-7	U	30.0		ug/L	U	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-20-08 20:24 Analyst: 4124 Date Prep: Nov-20-08 17:20 Tech: 4124
Seq Number: 741017

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-18-08 08:00 Analyst: Date Prep: Nov-14-08 15:30 Tech: 5458
Seq Number: 741062

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	4.5	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-12-08 13:55 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740136

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.99	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-8**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-009**	Date Collected: **Nov-11-08 13:00**	Date Received: **Nov-12-08 12:15**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-18-08 15:20 Analyst: 4150 Date Prep: Nov-14-08 13:40 Tech: ABA
Seq Number: 740582

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-14-08 20:35 Analyst: VCH Date Prep: Nov-14-08 07:49 Tech: 4118
Seq Number: 740426

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-17-08 12:30 Analyst: 4150 Date Prep: Nov-14-08 11:53 Tech: ABA
Seq Number: 740462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.015	0.010	0.007	mg/L		1
Barium	7440-39-3	0.003	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.004	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.003	0.010	0.002	mg/L	J	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-8** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-009** Date Collected: **Nov-11-08 13:00** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 21:05 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458
Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	62.5	10.0	3.09	ug/L		1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-8**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-009**	Date Collected: **Nov-11-08 13:00**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 21:05 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458

Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-8** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-009** Date Collected: **Nov-11-08 13:00** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 14:17 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	50.0	8.0	ug/L	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	50.0	9.0	ug/L	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	50.0	5.5	ug/L	U	50
1,1,2-Trichloroethane	79-00-5	U	50.0	13	ug/L	U	50
1,1-Dichloroethane	75-34-3	U	50.0	5.5	ug/L	U	50
1,1-Dichloroethene	75-35-4	U	50.0	10	ug/L	U	50
1,2,4-Trichlorobenzene	120-82-1	U	50.0	8.5	ug/L	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	50.0	9.5	ug/L	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	50.0	9.0	ug/L	U	50
1,2-Dichlorobenzene	95-50-1	U	50.0	7.0	ug/L	U	50
1,2-Dichloroethane	107-06-2	U	50.0	9.0	ug/L	U	50
1,2-Dichloropropane	78-87-5	U	50.0	7.5	ug/L	U	50
1,3-Dichlorobenzene	541-73-1	U	50.0	8.5	ug/L	U	50
1,4-Dichlorobenzene	106-46-7	U	50.0	8.5	ug/L	U	50
2-Butanone (MEK)	78-93-3	U	100	14	ug/L	U	50
2-Hexanone	591-78-6	U	100	16	ug/L	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	100	13	ug/L	U	50
Acetone	67-64-1	U	100	18	ug/L	U	50
Benzene	71-43-2	U	50.0	8.0	ug/L	U	50
Bromodichloromethane	75-27-4	U	50.0	13	ug/L	U	50
Bromoform	75-25-2	U	50.0	8.5	ug/L	U	50
Bromomethane	74-83-9	U	50.0	13	ug/L	U	50
Carbon disulfide	75-15-0	U	50.0	13	ug/L	U	50
Carbon tetrachloride	56-23-5	U	50.0	17	ug/L	U	50
Chlorobenzene	108-90-7	U	50.0	7.5	ug/L	U	50
Chloroethane	75-00-3	U	50.0	13	ug/L	U	50
Chloroform	67-66-3	U	50.0	8.0	ug/L	U	50
Chloromethane	74-87-3	U	50.0	13	ug/L	U	50
cis-1,2-Dichloroethene	156-59-2	U	50.0	11	ug/L	U	50
cis-1,3-Dichloropropene	10061-01-5	U	50.0	5.0	ug/L	U	50
Cyclohexane	110-82-7	U	50.0	7.5	ug/L	U	50
Dibromochloromethane	124-48-1	U	50.0	7.5	ug/L	U	50
Dichlorodifluoromethane	75-71-8	U	50.0	11	ug/L	U	50
Ethylbenzene	100-41-4	U	50.0	9.5	ug/L	U	50
Isopropylbenzene	98-82-8	U	50.0	7.5	ug/L	U	50
m,p-Xylenes	179601-23-1	U	100	26	ug/L	U	50
Methyl acetate	79-20-9	U	100	13	ug/L	U	50
Methyl tert-butyl ether	1634-04-4	U	100	9.0	ug/L	U	50
Methylcyclohexane	108-87-2	U	50.0	5.5	ug/L	U	50

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-8**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-009**	Date Collected: **Nov-11-08 13:00**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 14:17 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	230	50.0	21	ug/L		50
o-Xylene	95-47-6	U	50.0	10	ug/L	U	50
Styrene	100-42-5	U	50.0	9.0	ug/L	U	50
Tetrachloroethene	127-18-4	U	50.0	8.0	ug/L	U	50
Toluene	108-88-3	U	50.0	7.0	ug/L	U	50
trans-1,2-Dichloroethene	156-60-5	U	50.0	11	ug/L	U	50
trans-1,3-Dichloropropene	10061-02-6	U	50.0	5.5	ug/L	U	50
Trichloroethene	79-01-6	U	50.0	9.5	ug/L	U	50
Trichlorofluoromethane	75-69-4	U	50.0	27	ug/L	U	50
Vinyl chloride	75-01-4	U	50.0	9.5	ug/L	U	50
Xylenes, Total	1330-20-7	U	150		ug/L	U	50

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-20-08 21:56 Analyst: 4124 Date Prep: Nov-20-08 17:20 Tech: 4124
Seq Number: 741017

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.50	0.10	mg/L	U	5

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-20-08 18:22 Analyst: WIB Date Prep: Nov-14-08 15:30 Tech: 5458
Seq Number: 741062

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	17	1.5	0.13	mg/L		5

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-12-08 13:55 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740136

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.91	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.034

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-010**	Date Collected: **Nov-11-08 12:45**	Date Received: **Nov-12-08 12:15**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-18-08 15:23 Analyst: 4150 Date Prep: Nov-14-08 13:40 Tech: ABA
Seq Number: 740582

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-14-08 20:59 Analyst: VCH Date Prep: Nov-14-08 07:49 Tech: 4118
Seq Number: 740426

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-17-08 12:32 Analyst: 4150 Date Prep: Nov-14-08 11:53 Tech: ABA
Seq Number: 740462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.007	0.010	0.007	mg/L	J	1
Barium	7440-39-3	0.012	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.009	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.006	0.010	0.002	mg/L	J	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	0.001	0.050	0.001	mg/L	J	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-010** Date Collected: **Nov-11-08 12:45** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 21:32 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458
Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-010**	Date Collected: **Nov-11-08 12:45**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 21:32 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458

Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-010**	Date Collected: **Nov-11-08 12:45**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 12:36 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148

Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	10.0	1.6	ug/L	U	10
1,1,2,2-Tetrachloroethane	79-34-5	U	10.0	1.8	ug/L	U	10
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	10.0	1.1	ug/L	U	10
1,1,2-Trichloroethane	79-00-5	U	10.0	2.5	ug/L	U	10
1,1-Dichloroethane	75-34-3	U	10.0	1.1	ug/L	U	10
1,1-Dichloroethene	75-35-4	U	10.0	2.0	ug/L	U	10
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.7	ug/L	U	10
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	10.0	1.9	ug/L	U	10
1,2-Dibromoethane (EDB)	106-93-4	U	10.0	1.8	ug/L	U	10
1,2-Dichlorobenzene	95-50-1	U	10.0	1.4	ug/L	U	10
1,2-Dichloroethane	107-06-2	U	10.0	1.8	ug/L	U	10
1,2-Dichloropropane	78-87-5	U	10.0	1.5	ug/L	U	10
1,3-Dichlorobenzene	541-73-1	U	10.0	1.7	ug/L	U	10
1,4-Dichlorobenzene	106-46-7	U	10.0	1.7	ug/L	U	10
2-Butanone (MEK)	78-93-3	U	20.0	2.8	ug/L	U	10
2-Hexanone	591-78-6	U	20.0	3.2	ug/L	U	10
4-Methyl-2-pentanone (MIBK)	108-10-1	U	20.0	2.6	ug/L	U	10
Acetone	67-64-1	U	20.0	3.5	ug/L	U	10
Benzene	71-43-2	U	10.0	1.6	ug/L	U	10
Bromodichloromethane	75-27-4	U	10.0	2.5	ug/L	U	10
Bromoform	75-25-2	U	10.0	1.7	ug/L	U	10
Bromomethane	74-83-9	U	10.0	2.5	ug/L	U	10
Carbon disulfide	75-15-0	U	10.0	2.6	ug/L	U	10
Carbon tetrachloride	56-23-5	U	10.0	3.3	ug/L	U	10
Chlorobenzene	108-90-7	U	10.0	1.5	ug/L	U	10
Chloroethane	75-00-3	U	10.0	2.6	ug/L	U	10
Chloroform	67-66-3	U	10.0	1.6	ug/L	U	10
Chloromethane	74-87-3	U	10.0	2.5	ug/L	U	10
cis-1,2-Dichloroethene	156-59-2	U	10.0	2.1	ug/L	U	10
cis-1,3-Dichloropropene	10061-01-5	U	10.0	1.0	ug/L	U	10
Cyclohexane	110-82-7	U	10.0	1.5	ug/L	U	10
Dibromochloromethane	124-48-1	U	10.0	1.5	ug/L	U	10
Dichlorodifluoromethane	75-71-8	U	10.0	2.2	ug/L	U	10
Ethylbenzene	100-41-4	U	10.0	1.9	ug/L	U	10
Isopropylbenzene	98-82-8	U	10.0	1.5	ug/L	U	10
m,p-Xylenes	179601-23-1	U	20.0	5.1	ug/L	U	10
Methyl acetate	79-20-9	U	20.0	2.6	ug/L	U	10
Methyl tert-butyl ether	1634-04-4	U	20.0	1.8	ug/L	U	10
Methylcyclohexane	108-87-2	U	10.0	1.1	ug/L	U	10

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-010** Date Collected: **Nov-11-08 12:45** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 12:36 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	44	10.0	4.2	ug/L		10
o-Xylene	95-47-6	U	10.0	2.0	ug/L	U	10
Styrene	100-42-5	U	10.0	1.8	ug/L	U	10
Tetrachloroethene	127-18-4	U	10.0	1.6	ug/L	U	10
Toluene	108-88-3	U	10.0	1.4	ug/L	U	10
trans-1,2-Dichloroethene	156-60-5	U	10.0	2.1	ug/L	U	10
trans-1,3-Dichloropropene	10061-02-6	U	10.0	1.1	ug/L	U	10
Trichloroethene	79-01-6	U	10.0	1.9	ug/L	U	10
Trichlorofluoromethane	75-69-4	U	10.0	5.3	ug/L	U	10
Vinyl chloride	75-01-4	U	10.0	1.9	ug/L	U	10
Xylenes, Total	1330-20-7	U	30.0		ug/L	U	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-20-08 20:55 Analyst: 4124 Date Prep: Nov-20-08 17:20 Tech: 4124
Seq Number: 741017

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-18-08 08:50 Analyst: Date Prep: Nov-14-08 15:30 Tech: 5458
Seq Number: 741062

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	8.7	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-12-08 13:55 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740136

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.52	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-011**	Date Collected: **Nov-11-08 13:15**	Date Received: **Nov-12-08 12:15**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-18-08 15:26 Analyst: 4150 Date Prep: Nov-14-08 13:40 Tech: ABA
Seq Number: 740582

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-14-08 21:23 Analyst: VCH Date Prep: Nov-14-08 07:49 Tech: 4118
Seq Number: 740426

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-17-08 12:34 Analyst: 4150 Date Prep: Nov-14-08 11:53 Tech: ABA
Seq Number: 740462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.017	0.010	0.007	mg/L		1
Barium	7440-39-3	0.005	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.016	0.050	0.001	mg/L	J	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-011** Date Collected: **Nov-11-08 13:15** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 22:00 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458
Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	50.0	7.15	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	50.0	9.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	50.0	10.6	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	50.0	8.05	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	50.0	13.1	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	50.0	8.20	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	50.0	8.90	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	50.0	8.15	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	100	35.6	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	50.0	10.7	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	50.0	13.6	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	50.0	6.45	ug/L	U	1
2-Chlorophenol	95-57-8	U	50.0	9.15	ug/L	U	1
2-Methylnaphthalene	91-57-6	110	50.0	5.95	ug/L		1
2-methylphenol	95-48-7	U	50.0	10.0	ug/L	U	1
2-Nitroaniline	88-74-4	U	100	11.8	ug/L	U	1
2-Nitrophenol	88-75-5	U	50.0	9.75	ug/L	U	1
3&4-Methylphenol		U	100	12.8	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	100	19.4	ug/L	U	1
3-Nitroaniline	99-09-2	U	100	13.8	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	100	7.00	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	50.0	10.6	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	50.0	10.9	ug/L	U	1
4-Chloroaniline	106-47-8	U	50.0	15.5	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	50.0	6.75	ug/L	U	1
4-Nitroaniline	100-01-6	U	100	16.0	ug/L	U	1
4-Nitrophenol	100-02-7	U	100	12.1	ug/L	U	1
Acenaphthene	83-32-9	U	50.0	7.15	ug/L	U	1
Acenaphthylene	208-96-8	U	50.0	7.40	ug/L	U	1
Anthracene	120-12-7	20.3	50.0	10.1	ug/L	J	1
Benzo(a)anthracene	56-55-3	34.6	50.0	9.50	ug/L	J	1
Benzo(a)pyrene	50-32-8	26.2	50.0	9.00	ug/L	J	1
Benzo(b)fluoranthene	205-99-2	34.1	50.0	9.85	ug/L	J	1
Benzo(g,h,i)perylene	191-24-2	17.2	50.0	9.85	ug/L	J	1
Benzo(k)fluoranthene	207-08-9	28.7	50.0	13.6	ug/L	J	1
bis(2-chloroethoxy) methane	111-91-1	U	50.0	6.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	50.0	8.90	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	50.0	6.00	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	50.0	9.10	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-011**	Date Collected: **Nov-11-08 13:15**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 22:00 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458

Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	50.0	9.10	ug/L	U	1
Chrysene	218-01-9	46.3	50.0	10.5	ug/L	J	1
Dibenz(a,h)anthracene	53-70-3	U	50.0	9.15	ug/L	U	1
Dibenzofuran	132-64-9	U	50.0	8.20	ug/L	U	1
Diethyl Phthalate	84-66-2	U	50.0	9.50	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	50.0	9.85	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	50.0	10.4	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	50.0	6.90	ug/L	U	1
Fluoranthene	206-44-0	153	50.0	9.05	ug/L		1
Fluorene	86-73-7	U	50.0	7.80	ug/L	U	1
Hexachlorobenzene	118-74-1	U	50.0	11.1	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	50.0	8.90	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	50.0	9.35	ug/L	U	1
Hexachloroethane	67-72-1	U	50.0	11.9	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	14.7	50.0	9.35	ug/L	J	1
Isophorone	78-59-1	U	50.0	7.05	ug/L	U	1
Naphthalene	91-20-3	17.8	50.0	7.60	ug/L	J	1
Nitrobenzene	98-95-3	U	50.0	7.45	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	50.0	6.80	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	50.0	12.5	ug/L	U	1
Pentachlorophenol	87-86-5	U	100	11.3	ug/L	U	1
Phenanthrene	85-01-8	221	50.0	10.2	ug/L		1
Phenol	108-95-2	U	50.0	8.80	ug/L	U	1
Pyrene	129-00-0	88.8	50.0	12.0	ug/L		1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-011** Date Collected: **Nov-11-08 13:15** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 13:05 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	10.0	1.6	ug/L	U	10
1,1,2,2-Tetrachloroethane	79-34-5	U	10.0	1.8	ug/L	U	10
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	10.0	1.1	ug/L	U	10
1,1,2-Trichloroethane	79-00-5	U	10.0	2.5	ug/L	U	10
1,1-Dichloroethane	75-34-3	U	10.0	1.1	ug/L	U	10
1,1-Dichloroethene	75-35-4	U	10.0	2.0	ug/L	U	10
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.7	ug/L	U	10
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	10.0	1.9	ug/L	U	10
1,2-Dibromoethane (EDB)	106-93-4	U	10.0	1.8	ug/L	U	10
1,2-Dichlorobenzene	95-50-1	U	10.0	1.4	ug/L	U	10
1,2-Dichloroethane	107-06-2	U	10.0	1.8	ug/L	U	10
1,2-Dichloropropane	78-87-5	U	10.0	1.5	ug/L	U	10
1,3-Dichlorobenzene	541-73-1	U	10.0	1.7	ug/L	U	10
1,4-Dichlorobenzene	106-46-7	U	10.0	1.7	ug/L	U	10
2-Butanone (MEK)	78-93-3	U	20.0	2.8	ug/L	U	10
2-Hexanone	591-78-6	U	20.0	3.2	ug/L	U	10
4-Methyl-2-pentanone (MIBK)	108-10-1	U	20.0	2.6	ug/L	U	10
Acetone	67-64-1	U	20.0	3.5	ug/L	U	10
Benzene	71-43-2	14	10.0	1.6	ug/L		10
Bromodichloromethane	75-27-4	U	10.0	2.5	ug/L	U	10
Bromoform	75-25-2	U	10.0	1.7	ug/L	U	10
Bromomethane	74-83-9	U	10.0	2.5	ug/L	U	10
Carbon disulfide	75-15-0	U	10.0	2.6	ug/L	U	10
Carbon tetrachloride	56-23-5	U	10.0	3.3	ug/L	U	10
Chlorobenzene	108-90-7	U	10.0	1.5	ug/L	U	10
Chloroethane	75-00-3	U	10.0	2.6	ug/L	U	10
Chloroform	67-66-3	U	10.0	1.6	ug/L	U	10
Chloromethane	74-87-3	U	10.0	2.5	ug/L	U	10
cis-1,2-Dichloroethene	156-59-2	U	10.0	2.1	ug/L	U	10
cis-1,3-Dichloropropene	10061-01-5	U	10.0	1.0	ug/L	U	10
Cyclohexane	110-82-7	U	10.0	1.5	ug/L	U	10
Dibromochloromethane	124-48-1	U	10.0	1.5	ug/L	U	10
Dichlorodifluoromethane	75-71-8	U	10.0	2.2	ug/L	U	10
Ethylbenzene	100-41-4	U	10.0	1.9	ug/L	U	10
Isopropylbenzene	98-82-8	U	10.0	1.5	ug/L	U	10
m,p-Xylenes	179601-23-1	U	20.0	5.1	ug/L	U	10
Methyl acetate	79-20-9	U	20.0	2.6	ug/L	U	10
Methyl tert-butyl ether	1634-04-4	U	20.0	1.8	ug/L	U	10
Methylcyclohexane	108-87-2	U	10.0	1.1	ug/L	U	10

Project: Xenco-Atlanta Master Project

Version: 1.034

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-011**	Date Collected: **Nov-11-08 13:15**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 13:05 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	42	10.0	4.2	ug/L		10
o-Xylene	95-47-6	U	10.0	2.0	ug/L	U	10
Styrene	100-42-5	U	10.0	1.8	ug/L	U	10
Tetrachloroethene	127-18-4	U	10.0	1.6	ug/L	U	10
Toluene	108-88-3	U	10.0	1.4	ug/L	U	10
trans-1,2-Dichloroethene	156-60-5	U	10.0	2.1	ug/L	U	10
trans-1,3-Dichloropropene	10061-02-6	U	10.0	1.1	ug/L	U	10
Trichloroethene	79-01-6	U	10.0	1.9	ug/L	U	10
Trichlorofluoromethane	75-69-4	U	10.0	5.3	ug/L	U	10
Vinyl chloride	75-01-4	U	10.0	1.9	ug/L	U	10
Xylenes, Total	1330-20-7	U	30.0		ug/L	U	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-20-08 21:26 Analyst: 4124 Date Prep: Nov-20-08 17:20 Tech: 4124
Seq Number: 741017

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.50	0.10	mg/L	U	5

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-20-08 18:47 Analyst: WIB Date Prep: Nov-14-08 15:30 Tech: 5458
Seq Number: 741062

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	970	75	6.5	mg/L		50

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-12-08 13:55 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740136

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.79	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-1-S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-012**	Date Collected: **Nov-11-08 14:30**	Date Received: **Nov-12-08 12:15**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 14:41 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741491

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-17-08 13:20 Analyst: 4150 Date Prep: Nov-14-08 11:55 Tech: ABA
Seq Number: 740439

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0490	0.0029	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-20-08 18:58 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	33	3.7	ug/kg	U	1
PCB-1221	11104-28-2	U	33	3.5	ug/kg	U	1
PCB-1232	11141-16-5	U	33	3.4	ug/kg	U	1
PCB-1242	53469-21-9	U	33	3.7	ug/kg	U	1
PCB-1248	12672-29-6	U	33	3.5	ug/kg	U	1
PCB-1254	11097-69-1	U	33	3.8	ug/kg	U	1
PCB-1260	11096-82-5	U	33	4.2	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-14-08 12:47 Analyst: 4150 Date Prep: Nov-13-08 14:28 Tech: ABA
Seq Number: 740287

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.760	4.81	0.593	mg/kg	J	1
Barium	7440-39-3	29.0	4.81	0.147	mg/kg		1
Cadmium	7440-43-9	0.750	0.481	0.020	mg/kg		1
Chromium	7440-47-3	4.32	4.81	0.092	mg/kg	J	1
Lead	7439-92-1	2.19	4.81	0.288	mg/kg	J	1
Selenium	7782-49-2	U	4.81	0.919	mg/kg	U	1
Silver	7440-22-4	0.192	4.81	0.046	mg/kg	JB	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-1-S** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317459-012** Date Collected: **Nov-11-08 14:30** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 03:19 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	3200	570	ug/kg	U	10
1,2-Dichlorobenzene	95-50-1	U	3200	520	ug/kg	U	10
1,3-Dichlorobenzene	541-73-1	U	3200	510	ug/kg	U	10
1,4-Dichlorobenzene	106-46-7	U	3200	500	ug/kg	U	10
2,4,5-Trichlorophenol	95-95-4	U	3200	600	ug/kg	U	10
2,4,6-Trichlorophenol	88-06-2	U	3200	620	ug/kg	U	10
2,4-Dichlorophenol	120-83-2	U	3200	410	ug/kg	U	10
2,4-Dimethylphenol	105-67-9	U	3200	590	ug/kg	U	10
2,4-Dinitrophenol	51-28-5	U	6500	520	ug/kg	U	10
2,4-Dinitrotoluene	121-14-2	U	3200	520	ug/kg	U	10
2,6-Dinitrotoluene	606-20-2	U	3200	420	ug/kg	U	10
2-Chloronaphthalene	91-58-7	U	3200	590	ug/kg	U	10
2-Chlorophenol	95-57-8	U	3200	580	ug/kg	U	10
2-Methylnaphthalene	91-57-6	1400	3200	490	ug/kg	J	10
2-methylphenol	95-48-7	U	3200	450	ug/kg	U	10
2-Nitroaniline	88-74-4	U	6500	430	ug/kg	U	10
2-Nitrophenol	88-75-5	U	3200	410	ug/kg	U	10
3&4-Methylphenol		U	6500	960	ug/kg	U	10
3,3-Dichlorobenzidine	91-94-1	U	6500	470	ug/kg	U	10
3-Nitroaniline	99-09-2	U	6500	450	ug/kg	U	10
4,6-dinitro-2-methyl phenol	534-52-1	U	6500	560	ug/kg	U	10
4-Bromophenyl-phenylether	101-55-3	U	3200	550	ug/kg	U	10
4-chloro-3-methylphenol	59-50-7	U	3200	460	ug/kg	U	10
4-Chloroaniline	106-47-8	970	3200	540	ug/kg	J	10
4-Chlorophenyl Phenyl Ether	7005-72-3	U	3200	610	ug/kg	U	10
4-Nitroaniline	100-01-6	U	6500	490	ug/kg	U	10
4-Nitrophenol	100-02-7	U	6500	400	ug/kg	U	10
Acenaphthene	83-32-9	U	3200	450	ug/kg	U	10
Acenaphthylene	208-96-8	U	3200	550	ug/kg	U	10
Anthracene	120-12-7	U	3200	480	ug/kg	U	10
Benzo(a)anthracene	56-55-3	U	3200	520	ug/kg	U	10
Benzo(a)pyrene	50-32-8	U	3200	480	ug/kg	U	10
Benzo(b)fluoranthene	205-99-2	U	3200	530	ug/kg	U	10
Benzo(g,h,i)perylene	191-24-2	U	3200	530	ug/kg	U	10
Benzo(k)fluoranthene	207-08-9	670	3200	560	ug/kg	J	10
bis(2-chloroethoxy) methane	111-91-1	U	3200	390	ug/kg	U	10
bis(2-chloroethyl) ether	111-44-4	U	3200	460	ug/kg	U	10
bis(2-ethylhexyl) phthalate	117-81-7	U	3200	520	ug/kg	U	10
Benzyl Butyl Phthalate	85-68-7	U	3200	490	ug/kg	U	10

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-1-S** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317459-012** Date Collected: **Nov-11-08 14:30** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 03:19 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	3200	550	ug/kg	U	10
Chrysene	218-01-9	570	3200	430	ug/kg	J	10
Dibenz(a,h)anthracene	53-70-3	U	3200	630	ug/kg	U	10
Dibenzofuran	132-64-9	U	3200	410	ug/kg	U	10
Diethyl Phthalate	84-66-2	U	3200	520	ug/kg	U	10
Dimethyl Phthalate	131-11-3	U	3200	490	ug/kg	U	10
di-n-Butyl Phthalate	84-74-2	U	3200	600	ug/kg	U	10
di-n-Octyl Phthalate	117-84-0	U	3200	540	ug/kg	U	10
Fluoranthene	206-44-0	1300	3200	420	ug/kg	J	10
Fluorene	86-73-7	U	3200	390	ug/kg	U	10
Hexachlorobenzene	118-74-1	U	3200	540	ug/kg	U	10
Hexachlorobutadiene	87-68-3	U	3200	360	ug/kg	U	10
Hexachlorocyclopentadiene	77-47-4	U	3200	560	ug/kg	U	10
Hexachloroethane	67-72-1	U	3200	500	ug/kg	U	10
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	3200	590	ug/kg	U	10
Isophorone	78-59-1	U	3200	330	ug/kg	U	10
Naphthalene	91-20-3	U	3200	520	ug/kg	U	10
Nitrobenzene	98-95-3	U	3200	580	ug/kg	U	10
N-Nitrosodi-n-Propylamine	621-64-7	U	3200	460	ug/kg	U	10
N-Nitrosodiphenylamine	86-30-6	U	3200	680	ug/kg	U	10
Pentachlorophenol	87-86-5	U	6500	590	ug/kg	U	10
Phenanthrene	85-01-8	1800	3200	540	ug/kg	J	10
Phenol	108-95-2	630	3200	450	ug/kg	J	10
Pyrene	129-00-0	820	3200	550	ug/kg	J	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-21-08 17:00 Analyst: 4124 Date Prep: Nov-21-08 09:15 Tech: 4124
Seq Number: 741068

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	5.8	9.6	1.4	mg/kg	J	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-20-08 04:55 Analyst: WIB Date Prep: Nov-18-08 10:00 Tech: 4155
Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	5500	500	57	mg/kg	D	50

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-1-S** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317459-012** Date Collected: **Nov-11-08 14:30** Date Received: **Nov-12-08 12:15**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 10:43 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: ANI
Seq Number: 741984

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	240	36	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	240	57	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	240	53	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	240	32	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	240	39	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	240	56	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	240	42	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	240	78	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	240	42	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	240	62	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	240	29	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	240	45	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	240	48	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	240	33	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2400	440	ug/kg	U	50
2-Hexanone	591-78-6	U	2400	54	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2400	160	ug/kg	U	50
Acetone	67-64-1	1200	2400	330	ug/kg	J	50
Benzene	71-43-2	2000	240	25	ug/kg		50
Bromodichloromethane	75-27-4	U	240	24	ug/kg	U	50
Bromoform	75-25-2	U	240	46	ug/kg	U	50
Bromomethane	74-83-9	U	240	120	ug/kg	U	50
Carbon disulfide	75-15-0	360	240	70	ug/kg		50
Carbon tetrachloride	56-23-5	U	240	36	ug/kg	U	50
Chlorobenzene	108-90-7	U	480	28	ug/kg	U	50
Chloroethane	75-00-3	U	240	120	ug/kg	U	50
Chloroform	67-66-3	U	240	36	ug/kg	U	50
Chloromethane	74-87-3	U	240	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	240	32	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	240	26	ug/kg	U	50
Cyclohexane	110-82-7	U	240	46	ug/kg	U	50
Dibromochloromethane	124-48-1	U	240	48	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	240	57	ug/kg	U	50
Ethylbenzene	100-41-4	110	240	27	ug/kg	J	50
Isopropylbenzene	98-82-8	U	240	37	ug/kg	U	50
m,p-Xylenes	179601-23-1	420	480	58	ug/kg	J	50
Methyl acetate	79-20-9	220	240	46	ug/kg	J	50
Methyl tert-butyl ether	1634-04-4	U	240	33	ug/kg	U	50
Methylcyclohexane	108-87-2	U	240	53	ug/kg	U	50

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-1-S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317459-012**	Date Collected: **Nov-11-08 14:30**	Date Received: **Nov-12-08 12:15**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 10:43 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: ANI

Seq Number: 741984

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	240	100	ug/kg	U	50
o-Xylene	95-47-6	250	240	35	ug/kg		50
Styrene	100-42-5	U	240	36	ug/kg	U	50
Tetrachloroethene	127-18-4	U	240	50	ug/kg	U	50
Toluene	108-88-3	140	240	28	ug/kg	J	50
trans-1,2-Dichloroethene	156-60-5	U	240	38	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	240	32	ug/kg	U	50
Trichloroethene	79-01-6	U	240	34	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	240	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	240	97	ug/kg	U	50
Xylenes, Total	1330-20-7	670	240		ug/kg		50

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-12-08 13:55 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740136

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.50	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.034

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Winter Environmental, Norcross, GA

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Sample Id: **TO-01**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-013**	Date Collected: **Nov-11-08 08:45**	Date Received: **Nov-12-08 12:15**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-18-08 15:29 Analyst: 4150 Date Prep: Nov-14-08 13:40 Tech: ABA
Seq Number: 740582

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0200	0.0006	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Nov-14-08 23:44 Analyst: VCH Date Prep: Nov-17-08 15:58 Tech: 4118
Seq Number: 740436

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	880	98	ug/kg	U	1
PCB-1221	11104-28-2	U	880	91	ug/kg	U	1
PCB-1232	11141-16-5	U	880	89	ug/kg	U	1
PCB-1242	53469-21-9	U	880	97	ug/kg	U	1
PCB-1248	12672-29-6	U	880	93	ug/kg	U	1
PCB-1254	11097-69-1	U	880	100	ug/kg	U	1
PCB-1260	11096-82-5	U	880	110	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-17-08 12:36 Analyst: 4150 Date Prep: Nov-14-08 11:53 Tech: ABA
Seq Number: 740462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.600	0.100	0.067	mg/L		1
Barium	7440-39-3	0.034	0.500	0.023	mg/L	J	1
Cadmium	7440-43-9	U	0.050	0.001	mg/L	U	1
Chromium	7440-47-3	0.147	0.500	0.004	mg/L	J	1
Lead	7439-92-1	0.044	0.100	0.019	mg/L	J	1
Selenium	7782-49-2	0.668	0.100	0.077	mg/L		1
Silver	7440-22-4	0.007	0.500	0.007	mg/L	J	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-01** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-013** Date Collected: **Nov-11-08 08:45** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Nov-19-08 01:30 Analyst: WIB Date Prep: Nov-18-08 11:00 Tech: 4155
Seq Number: 740640

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	100000	18000	ug/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	100000	16000	ug/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	100000	16000	ug/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	100000	16000	ug/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	100000	18000	ug/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	100000	19000	ug/kg	U	1
2,4-Dichlorophenol	120-83-2	U	100000	13000	ug/kg	U	1
2,4-Dimethylphenol	105-67-9	U	100000	18000	ug/kg	U	1
2,4-Dinitrophenol	51-28-5	U	200000	16000	ug/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	100000	16000	ug/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	100000	13000	ug/kg	U	1
2-Chloronaphthalene	91-58-7	U	100000	18000	ug/kg	U	1
2-Chlorophenol	95-57-8	U	100000	18000	ug/kg	U	1
2-Methylnaphthalene	91-57-6	U	100000	15000	ug/kg	U	1
2-methylphenol	95-48-7	U	100000	14000	ug/kg	U	1
2-Nitroaniline	88-74-4	U	200000	13000	ug/kg	U	1
2-Nitrophenol	88-75-5	U	100000	13000	ug/kg	U	1
3&4-Methylphenol		U	200000	30000	ug/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	200000	15000	ug/kg	U	1
3-Nitroaniline	99-09-2	U	200000	14000	ug/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	200000	17000	ug/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	100000	17000	ug/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	100000	14000	ug/kg	U	1
4-Chloroaniline	106-47-8	U	100000	17000	ug/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	100000	19000	ug/kg	U	1
4-Nitroaniline	100-01-6	U	200000	15000	ug/kg	U	1
4-Nitrophenol	100-02-7	U	200000	12000	ug/kg	U	1
Acenaphthene	83-32-9	U	100000	14000	ug/kg	U	1
Acenaphthylene	208-96-8	U	100000	17000	ug/kg	U	1
Anthracene	120-12-7	U	100000	15000	ug/kg	U	1
Benzo(a)anthracene	56-55-3	U	100000	16000	ug/kg	U	1
Benzo(a)pyrene	50-32-8	U	100000	15000	ug/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	100000	16000	ug/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	100000	17000	ug/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	100000	17000	ug/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	100000	12000	ug/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	100000	14000	ug/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	100000	16000	ug/kg	U	1
Butylbenzylphthalate	85-68-7	U	100000	15000	ug/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-01** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-013** Date Collected: **Nov-11-08 08:45** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Nov-19-08 01:30 Analyst: WIB Date Prep: Nov-18-08 11:00 Tech: 4155
Seq Number: 740640

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	100000	17000	ug/kg	U	1
Chrysene	218-01-9	U	100000	13000	ug/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	100000	19000	ug/kg	U	1
Dibenzofuran	132-64-9	U	100000	13000	ug/kg	U	1
Diethyl Phthalate	84-66-2	U	100000	16000	ug/kg	U	1
Dimethyl Phthalate	131-11-3	U	100000	15000	ug/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	100000	18000	ug/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	100000	17000	ug/kg	U	1
Fluoranthene	206-44-0	U	100000	13000	ug/kg	U	1
Fluorene	86-73-7	U	100000	12000	ug/kg	U	1
Hexachlorobenzene	118-74-1	U	100000	17000	ug/kg	U	1
Hexachlorobutadiene	87-68-3	U	100000	11000	ug/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	100000	17000	ug/kg	U	1
Hexachloroethane	67-72-1	U	100000	16000	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	100000	18000	ug/kg	U	1
Isophorone	78-59-1	U	100000	10000	ug/kg	U	1
Naphthalene	91-20-3	U	100000	16000	ug/kg	U	1
Nitrobenzene	98-95-3	U	100000	18000	ug/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	100000	14000	ug/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	100000	21000	ug/kg	U	1
Pentachlorophenol	87-86-5	U	200000	18000	ug/kg	U	1
Phenanthrene	85-01-8	U	100000	17000	ug/kg	U	1
Phenol	108-95-2	U	100000	14000	ug/kg	U	1
Pyrene	129-00-0	U	100000	17000	ug/kg	U	1

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Seven Out Superfund Site

Sample Id: **TO-01** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-013** Date Collected: **Nov-11-08 08:45** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 14:44 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	470	76	ug/L	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	470	85	ug/L	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	470	52	ug/L	U	50
1,1,2-Trichloroethane	79-00-5	U	470	120	ug/L	U	50
1,1-Dichloroethane	75-34-3	U	470	52	ug/L	U	50
1,1-Dichloroethene	75-35-4	U	470	95	ug/L	U	50
1,2,4-Trichlorobenzene	120-82-1	U	470	81	ug/L	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	470	90	ug/L	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	470	85	ug/L	U	50
1,2-Dichlorobenzene	95-50-1	U	470	66	ug/L	U	50
1,2-Dichloroethane	107-06-2	U	470	85	ug/L	U	50
1,2-Dichloropropane	78-87-5	U	470	71	ug/L	U	50
1,3-Dichlorobenzene	541-73-1	U	470	81	ug/L	U	50
1,4-Dichlorobenzene	106-46-7	U	470	81	ug/L	U	50
2-Butanone (MEK)	78-93-3	U	950	130	ug/L	U	50
2-Hexanone	591-78-6	U	950	150	ug/L	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	950	120	ug/L	U	50
Acetone	67-64-1	U	950	170	ug/L	U	50
Benzene	71-43-2	U	470	76	ug/L	U	50
Bromodichloromethane	75-27-4	U	470	120	ug/L	U	50
Bromoform	75-25-2	U	470	81	ug/L	U	50
Bromomethane	74-83-9	U	470	120	ug/L	U	50
Carbon disulfide	75-15-0	U	470	120	ug/L	U	50
Carbon tetrachloride	56-23-5	U	470	160	ug/L	U	50
Chlorobenzene	108-90-7	U	470	71	ug/L	U	50
Chloroethane	75-00-3	U	470	120	ug/L	U	50
Chloroform	67-66-3	U	470	76	ug/L	U	50
Chloromethane	74-87-3	U	470	120	ug/L	U	50
cis-1,2-Dichloroethene	156-59-2	U	470	100	ug/L	U	50
cis-1,3-Dichloropropene	10061-01-5	U	470	47	ug/L	U	50
Cyclohexane	110-82-7	U	470	71	ug/L	U	50
Dibromochloromethane	124-48-1	U	470	71	ug/L	U	50
Dichlorodifluoromethane	75-71-8	U	470	100	ug/L	U	50
Ethylbenzene	100-41-4	U	470	90	ug/L	U	50
Isopropylbenzene	98-82-8	U	470	71	ug/L	U	50
m,p-Xylenes	179601-23-1	U	950	240	ug/L	U	50
Methyl acetate	79-20-9	U	950	120	ug/L	U	50
Methyl tert-butyl ether	1634-04-4	U	950	85	ug/L	U	50
Methylcyclohexane	108-87-2	U	470	52	ug/L	U	50

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-01** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317459-013** Date Collected: **Nov-11-08 08:45** Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 14:44 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	2900	470	200	ug/L		50
o-Xylene	95-47-6	U	470	95	ug/L	U	50
Styrene	100-42-5	U	470	85	ug/L	U	50
Tetrachloroethene	127-18-4	U	470	76	ug/L	U	50
Toluene	108-88-3	U	470	66	ug/L	U	50
trans-1,2-Dichloroethene	156-60-5	U	470	100	ug/L	U	50
trans-1,3-Dichloropropene	10061-02-6	U	470	52	ug/L	U	50
Trichloroethene	79-01-6	U	470	90	ug/L	U	50
Trichlorofluoromethane	75-69-4	U	470	250	ug/L	U	50
Vinyl chloride	75-01-4	U	470	90	ug/L	U	50
Xylenes, Total	1330-20-7	U	1400		ug/L	U	50

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-20-08 22:57 Analyst: 4124 Date Prep: Nov-20-08 17:20 Tech: 4124
Seq Number: 741017

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	180	35	mg/L	U	500

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Nov-19-08 09:07 Analyst: WIB Date Prep: Nov-18-08 11:00 Tech: 4155
Seq Number: 741058

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	2500	3000	340	mg/kg	JB	1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-12-08 13:55 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740136

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	6.50	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TB111108**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-014**	Date Collected: **Nov-11-08 00:00**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 09:04 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148

Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Certificate of Analytical Results 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TB111108**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317459-014**	Date Collected: **Nov-11-08 00:00**	Date Received: **Nov-12-08 12:15**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 09:04 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148

Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.034

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL and above the SQL.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740426 **Sample:** 317380-001 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.452	0.500	90	12-155	
Tetrachloro-m-xylene	0.503	0.500	101	22-146	

Lab Batch #: 740426 **Sample:** 317380-001 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.449	0.500	90	12-155	
Tetrachloro-m-xylene	0.320	0.500	64	22-146	

Lab Batch #: 740426 **Sample:** 317380-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.475	0.500	95	12-155	
Tetrachloro-m-xylene	0.570	0.500	114	22-146	

Lab Batch #: 740426 **Sample:** 317380-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.472	0.500	94	12-155	
Tetrachloro-m-xylene	0.345	0.500	69	22-146	

Lab Batch #: 740426 **Sample:** 317459-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.396	0.500	79	12-155	
Tetrachloro-m-xylene	0.465	0.500	93	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740426 **Sample:** 317459-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.405	0.500	81	12-155	
Tetrachloro-m-xylene	0.349	0.500	70	22-146	

Lab Batch #: 740426 **Sample:** 317459-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.057	0.500	11	12-155	**
Tetrachloro-m-xylene	0.058	0.500	12	22-146	**

Lab Batch #: 740426 **Sample:** 317459-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.065	0.500	13	12-155	
Tetrachloro-m-xylene	0.070	0.500	14	22-146	**

Lab Batch #: 740426 **Sample:** 317459-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.015	0.500	3	12-155	**
Tetrachloro-m-xylene	0.058	0.500	12	22-146	**

Lab Batch #: 740426 **Sample:** 317459-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.099	0.500	20	12-155	
Tetrachloro-m-xylene	0.078	0.500	16	22-146	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740426 **Sample:** 317459-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.339	0.500	68	12-155	
Tetrachloro-m-xylene	0.358	0.500	72	22-146	

Lab Batch #: 740426 **Sample:** 317459-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.392	0.500	78	12-155	
Tetrachloro-m-xylene	0.400	0.500	80	22-146	

Lab Batch #: 740426 **Sample:** 317459-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.115	0.500	23	12-155	
Tetrachloro-m-xylene	0.125	0.500	25	22-146	

Lab Batch #: 740426 **Sample:** 317459-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.129	0.500	26	12-155	
Tetrachloro-m-xylene	0.117	0.500	23	22-146	

Lab Batch #: 740426 **Sample:** 317459-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.006	0.500	1	12-155	**
Tetrachloro-m-xylene	0.009	0.500	2	22-146	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740426 **Sample:** 317459-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.023	0.500	5	12-155	**
Tetrachloro-m-xylene	0.013	0.500	3	22-146	**

Lab Batch #: 740426 **Sample:** 317459-010 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.274	0.500	55	12-155	
Tetrachloro-m-xylene	0.295	0.500	59	22-146	

Lab Batch #: 740426 **Sample:** 317459-010 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.326	0.500	65	12-155	
Tetrachloro-m-xylene	0.375	0.500	75	22-146	

Lab Batch #: 740426 **Sample:** 317459-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.008	0.500	2	12-155	**
Tetrachloro-m-xylene	0.019	0.500	4	22-146	**

Lab Batch #: 740426 **Sample:** 317459-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.053	0.500	11	12-155	**
Tetrachloro-m-xylene	0.032	0.500	6	22-146	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740426 **Sample:** 519241-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.541	0.500	108	12-155	
Tetrachloro-m-xylene	0.493	0.500	99	22-146	

Lab Batch #: 740426 **Sample:** 519241-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.537	0.500	107	12-155	
Tetrachloro-m-xylene	0.485	0.500	97	22-146	

Lab Batch #: 740426 **Sample:** 519241-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.465	0.500	93	12-155	
Tetrachloro-m-xylene	0.374	0.500	75	22-146	

Lab Batch #: 740426 **Sample:** 519241-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.468	0.500	94	12-155	
Tetrachloro-m-xylene	0.348	0.500	70	22-146	

Lab Batch #: 740436 **Sample:** 317459-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	518	439	118	19-203	
Tetrachloro-m-xylene	580	439	132	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740436 **Sample:** 317459-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	512	439	117	19-203	
Tetrachloro-m-xylene	545	439	124	19-191	

Lab Batch #: 740436 **Sample:** 317459-013 S / MS **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	655	472	139	19-203	
Tetrachloro-m-xylene	714	472	151	19-191	

Lab Batch #: 740436 **Sample:** 317459-013 S / MS **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	639	472	135	19-203	
Tetrachloro-m-xylene	681	472	144	19-191	

Lab Batch #: 740436 **Sample:** 317459-013 SD / MSD **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	654	463	141	19-203	
Tetrachloro-m-xylene	720	463	156	19-191	

Lab Batch #: 740436 **Sample:** 317459-013 SD / MSD **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	634	463	137	19-203	
Tetrachloro-m-xylene	683	463	148	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740436 **Sample:** 519401-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	483	500	97	19-203	
Tetrachloro-m-xylene	512	500	102	19-191	

Lab Batch #: 740436 **Sample:** 519401-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	486	500	97	19-203	
Tetrachloro-m-xylene	505	500	101	19-191	

Lab Batch #: 740436 **Sample:** 519401-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	484	500	97	19-203	
Tetrachloro-m-xylene	519	500	104	19-191	

Lab Batch #: 740436 **Sample:** 519401-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	493	500	99	19-203	
Tetrachloro-m-xylene	507	500	101	19-191	

Lab Batch #: 740436 **Sample:** 519401-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	537	500	107	19-203	
Tetrachloro-m-xylene	569	500	114	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740436 **Sample:** 519401-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	536	500	107	19-203	
Tetrachloro-m-xylene	555	500	111	19-191	

Lab Batch #: 741029 **Sample:** 317459-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	13.8	16.2	85	19-203	
Tetrachloro-m-xylene	19.0	16.2	117	19-191	

Lab Batch #: 741029 **Sample:** 317459-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	17.3	16.2	107	19-203	
Tetrachloro-m-xylene	19.6	16.2	121	19-191	

Lab Batch #: 741029 **Sample:** 317459-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	9.92	16.3	61	19-203	
Tetrachloro-m-xylene	18.2	16.3	112	19-191	

Lab Batch #: 741029 **Sample:** 317459-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	13.9	16.3	85	19-203	
Tetrachloro-m-xylene	14.6	16.3	90	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741029 **Sample:** 317459-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	12.1	16.3	74	19-203	
Tetrachloro-m-xylene	12.7	16.3	78	19-191	

Lab Batch #: 741029 **Sample:** 317459-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	17.1	16.3	105	19-203	
Tetrachloro-m-xylene	13.9	16.3	85	19-191	

Lab Batch #: 741029 **Sample:** 317459-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	12.6	16.6	76	19-203	
Tetrachloro-m-xylene	12.7	16.6	77	19-191	

Lab Batch #: 741029 **Sample:** 317459-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	13.8	16.6	83	19-203	
Tetrachloro-m-xylene	12.8	16.6	77	19-191	

Lab Batch #: 741029 **Sample:** 317459-012 S / MS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	13.9	16.3	85	19-203	
Tetrachloro-m-xylene	14.5	16.3	89	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741029 **Sample:** 317459-012 S / MS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	14.7	16.3	90	19-203	
Tetrachloro-m-xylene	10.7	16.3	66	19-191	

Lab Batch #: 741029 **Sample:** 317459-012 SD / MSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	14.2	16.4	87	19-203	
Tetrachloro-m-xylene	13.9	16.4	85	19-191	

Lab Batch #: 741029 **Sample:** 317459-012 SD / MSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	14.1	16.4	86	19-203	
Tetrachloro-m-xylene	13.5	16.4	82	19-191	

Lab Batch #: 741029 **Sample:** 519552-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	16.2	16.7	97	19-203	
Tetrachloro-m-xylene	16.4	16.7	98	19-191	

Lab Batch #: 741029 **Sample:** 519552-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	17.4	16.7	104	19-203	
Tetrachloro-m-xylene	14.9	16.7	89	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741029 **Sample:** 519552-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

SURROGATE RECOVERY STUDY

PCBs by SW846 8082 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	15.6	16.7	93	19-203	
Tetrachloro-m-xylene	15.0	16.7	90	19-191	

Lab Batch #: 741029 **Sample:** 519552-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

SURROGATE RECOVERY STUDY

PCBs by SW846 8082 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	16.6	16.7	99	19-203	
Tetrachloro-m-xylene	13.7	16.7	82	19-191	

Lab Batch #: 740492 **Sample:** 317380-001 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L

SURROGATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	83.2	100	83	32-117	
2-Fluorobiphenyl	42.2	50.0	84	35-96	
2-Fluorophenol	73.8	100	74	29-87	
Nitrobenzene-d5	40.8	50.0	82	22-108	
Phenol-d5	80.8	100	81	28-88	
Terphenyl-D14	46.2	50.0	92	18-133	

Lab Batch #: 740492 **Sample:** 317380-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L

SURROGATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	67.1	100	67	32-117	
2-Fluorobiphenyl	33.7	50.0	67	35-96	
2-Fluorophenol	58.3	100	58	29-87	
Nitrobenzene-d5	32.3	50.0	65	22-108	
Phenol-d5	61.3	100	61	28-88	
Terphenyl-D14	38.1	50.0	76	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740492 **Sample:** 317459-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	66.3	100	66	32-117	
2-Fluorobiphenyl	29.7	50.0	59	35-96	
2-Fluorophenol	52.0	100	52	29-87	
Nitrobenzene-d5	27.9	50.0	56	22-108	
Phenol-d5	57.9	100	58	28-88	
Terphenyl-D14	24.9	50.0	50	18-133	

Lab Batch #: 740492 **Sample:** 317459-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	61.3	100	61	32-117	
2-Fluorobiphenyl	25.4	50.0	51	35-96	
2-Fluorophenol	53.6	100	54	29-87	
Nitrobenzene-d5	29.6	50.0	59	22-108	
Phenol-d5	59.3	100	59	28-88	
Terphenyl-D14	15.1	50.0	30	18-133	

Lab Batch #: 740492 **Sample:** 317459-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	78.2	100	78	32-117	
2-Fluorobiphenyl	14.9	50.0	30	35-96	**
2-Fluorophenol	66.4	100	66	29-87	
Nitrobenzene-d5	36.0	50.0	72	22-108	
Phenol-d5	75.9	100	76	28-88	
Terphenyl-D14	12.2	50.0	24	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740492 **Sample:** 317459-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	81.1	100	81	32-117	
2-Fluorobiphenyl	35.4	50.0	71	35-96	
2-Fluorophenol	60.8	100	61	29-87	
Nitrobenzene-d5	32.6	50.0	65	22-108	
Phenol-d5	71.2	100	71	28-88	
Terphenyl-D14	18.8	50.0	38	18-133	

Lab Batch #: 740492 **Sample:** 317459-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	64.1	100	64	32-117	
2-Fluorobiphenyl	27.7	50.0	55	35-96	
2-Fluorophenol	48.1	100	48	29-87	
Nitrobenzene-d5	27.4	50.0	55	22-108	
Phenol-d5	52.7	100	53	28-88	
Terphenyl-D14	17.4	50.0	35	18-133	

Lab Batch #: 740492 **Sample:** 317459-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	86.6	100	87	32-117	
2-Fluorobiphenyl	34.2	50.0	68	35-96	
2-Fluorophenol	65.5	100	66	29-87	
Nitrobenzene-d5	37.0	50.0	74	22-108	
Phenol-d5	72.3	100	72	28-88	
Terphenyl-D14	40.7	50.0	81	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740492 **Sample:** 317459-010 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	83.8	100	84	32-117	
2-Fluorobiphenyl	35.1	50.0	70	35-96	
2-Fluorophenol	63.6	100	64	29-87	
Nitrobenzene-d5	34.6	50.0	69	22-108	
Phenol-d5	68.3	100	68	28-88	
Terphenyl-D14	24.0	50.0	48	18-133	

Lab Batch #: 740492 **Sample:** 317459-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	86.6	100	87	32-117	
2-Fluorobiphenyl	25.7	50.0	51	35-96	
2-Fluorophenol	51.0	100	51	29-87	
Nitrobenzene-d5	38.0	50.0	76	22-108	
Phenol-d5	57.4	100	57	28-88	
Terphenyl-D14	26.9	50.0	54	18-133	

Lab Batch #: 740492 **Sample:** 519323-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	72.5	100	73	32-117	
2-Fluorobiphenyl	38.6	50.0	77	35-96	
2-Fluorophenol	77.8	100	78	29-87	
Nitrobenzene-d5	38.9	50.0	78	22-108	
Phenol-d5	79.5	100	80	28-88	
Terphenyl-D14	42.3	50.0	85	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740492 **Sample:** 519323-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	70.1	100	70	32-117	
2-Fluorobiphenyl	40.1	50.0	80	35-96	
2-Fluorophenol	79.9	100	80	29-87	
Nitrobenzene-d5	40.8	50.0	82	22-108	
Phenol-d5	82.8	100	83	28-88	
Terphenyl-D14	45.6	50.0	91	18-133	

Lab Batch #: 740640 **Sample:** 317459-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	120000	100000	120	30-115	**
2-Fluorophenol	330000	200000	165	25-121	**
Nitrobenzene-d5	130000	100000	130	23-120	**
Phenol-d5	350000	200000	175	25-125	**
Terphenyl-D14	120000	100000	120	18-137	
2,4,6-Tribromophenol	190000	200000	95	19-122	

Lab Batch #: 740640 **Sample:** 519445-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	88000	100000	88	30-115	
2-Fluorophenol	220000	200000	110	25-121	
Nitrobenzene-d5	85000	100000	85	23-120	
Phenol-d5	220000	200000	110	25-125	
Terphenyl-D14	80000	100000	80	18-137	
2,4,6-Tribromophenol	140000	200000	70	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740640 **Sample:** 519445-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	98000	100000	98	30-115	
2-Fluorophenol	230000	200000	115	25-121	
Nitrobenzene-d5	97000	100000	97	23-120	
Phenol-d5	230000	200000	115	25-125	
Terphenyl-D14	92000	100000	92	18-137	
2,4,6-Tribromophenol	160000	200000	80	19-122	

Lab Batch #: 740640 **Sample:** 519445-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	100000	100000	100	30-115	
2-Fluorophenol	250000	200000	125	25-121	**
Nitrobenzene-d5	100000	100000	100	23-120	
Phenol-d5	250000	200000	125	25-125	
Terphenyl-D14	95000	100000	95	18-137	
2,4,6-Tribromophenol	170000	200000	85	19-122	

Lab Batch #: 740679 **Sample:** 317459-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	620	1600	39	30-115	
2-Fluorophenol	1200	3300	36	25-121	
Nitrobenzene-d5	630	1600	39	23-120	
Phenol-d5	1300	3300	39	25-125	
Terphenyl-D14	570	1600	36	18-137	
2,4,6-Tribromophenol	1200	3300	36	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740679 **Sample:** 317459-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	85	1600	5	30-115	**
2-Fluorophenol	85	3300	3	25-121	**
Nitrobenzene-d5	<0.0000	1600	0	23-120	**
Phenol-d5	130	3300	4	25-125	**
Terphenyl-D14	420	1600	26	18-137	
2,4,6-Tribromophenol	210	3300	6	19-122	**

Lab Batch #: 740679 **Sample:** 317459-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	550	1700	32	30-115	
2-Fluorophenol	1100	3300	33	25-121	
Nitrobenzene-d5	530	1700	31	23-120	
Phenol-d5	1200	3300	36	25-125	
Terphenyl-D14	540	1700	32	18-137	
2,4,6-Tribromophenol	1300	3300	39	19-122	

Lab Batch #: 740679 **Sample:** 317459-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	650	1600	41	30-115	
2-Fluorophenol	1200	3200	38	25-121	
Nitrobenzene-d5	730	1600	46	23-120	
Phenol-d5	1400	3200	44	25-125	
Terphenyl-D14	730	1600	46	18-137	
2,4,6-Tribromophenol	1700	3200	53	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740679 **Sample:** 317570-002 S / MS **Batch:** 1 **Matrix:** Soil

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	940	1700	55	30-115	
2-Fluorophenol	1700	3300	52	25-121	
Nitrobenzene-d5	900	1700	53	23-120	
Phenol-d5	2000	3300	61	25-125	
Terphenyl-D14	1300	1700	76	18-137	
2,4,6-Tribromophenol	2100	3300	64	19-122	

Lab Batch #: 740679 **Sample:** 317570-002 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	940	1600	59	30-115	
2-Fluorophenol	1800	3300	55	25-121	
Nitrobenzene-d5	940	1600	59	23-120	
Phenol-d5	2000	3300	61	25-125	
Terphenyl-D14	1100	1600	69	18-137	
2,4,6-Tribromophenol	2000	3300	61	19-122	

Lab Batch #: 740679 **Sample:** 519423-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1200	1700	71	30-115	
2-Fluorophenol	2300	3300	70	25-121	
Nitrobenzene-d5	1200	1700	71	23-120	
Phenol-d5	2700	3300	82	25-125	
Terphenyl-D14	1300	1700	76	18-137	
2,4,6-Tribromophenol	2300	3300	70	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740679 **Sample:** 519423-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1300	1700	76	30-115	
2-Fluorophenol	2500	3300	76	25-121	
Nitrobenzene-d5	1300	1700	76	23-120	
Phenol-d5	2900	3300	88	25-125	
Terphenyl-D14	1400	1700	82	18-137	
2,4,6-Tribromophenol	2600	3300	79	19-122	

Lab Batch #: 741337 **Sample:** 317459-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.75	50.00	112	53-159	
4-Bromofluorobenzene	49.89	50.00	100	30-186	
Toluene-D8	46.19	50.00	92	77-124	

Lab Batch #: 741337 **Sample:** 317459-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	57.98	50.00	116	53-159	
4-Bromofluorobenzene	49.50	50.00	99	30-186	
Toluene-D8	46.33	50.00	93	77-124	

Lab Batch #: 741337 **Sample:** 317459-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	60.12	50.00	120	53-159	
4-Bromofluorobenzene	48.34	50.00	97	30-186	
Toluene-D8	46.88	50.00	94	77-124	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741337 **Sample:** 317459-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	58.89	50.00	118	53-159	
4-Bromofluorobenzene	49.09	50.00	98	30-186	
Toluene-D8	46.92	50.00	94	77-124	

Lab Batch #: 741337 **Sample:** 317459-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	59.75	50.00	120	53-159	
4-Bromofluorobenzene	49.38	50.00	99	30-186	
Toluene-D8	45.59	50.00	91	77-124	

Lab Batch #: 741337 **Sample:** 317459-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	58.98	50.00	118	53-159	
4-Bromofluorobenzene	48.74	50.00	97	30-186	
Toluene-D8	47.03	50.00	94	77-124	

Lab Batch #: 741337 **Sample:** 317459-010 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	62.47	50.00	125	53-159	
4-Bromofluorobenzene	47.45	50.00	95	30-186	
Toluene-D8	46.85	50.00	94	77-124	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741337 **Sample:** 317459-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	60.27	50.00	121	53-159	
4-Bromofluorobenzene	48.54	50.00	97	30-186	
Toluene-D8	45.96	50.00	92	77-124	

Lab Batch #: 741337 **Sample:** 317459-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	61.83	50.00	124	53-159	
4-Bromofluorobenzene	46.59	50.00	93	30-186	
Toluene-D8	46.88	50.00	94	77-124	

Lab Batch #: 741337 **Sample:** 317459-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53.39	50.00	107	53-159	
4-Bromofluorobenzene	49.82	50.00	100	30-186	
Toluene-D8	47.20	50.00	94	77-124	

Lab Batch #: 741337 **Sample:** 519913-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	41.98	50.00	84	53-159	
4-Bromofluorobenzene	52.47	50.00	105	30-186	
Toluene-D8	50.56	50.00	101	77-124	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741337 **Sample:** 519913-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

SURROGATE RECOVERY STUDY

TCL VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53.68	50.00	107	53-159	
4-Bromofluorobenzene	49.19	50.00	98	30-186	
Toluene-D8	46.41	50.00	93	77-124	

Lab Batch #: 741017 **Sample:** 317459-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	64-123	

Lab Batch #: 741017 **Sample:** 317459-001 S / MS **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	64-123	

Lab Batch #: 741017 **Sample:** 317459-001 SD / MSD **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 741017 **Sample:** 317459-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741017 **Sample:** 317459-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 741017 **Sample:** 317459-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	64-123	

Lab Batch #: 741017 **Sample:** 317459-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.080	0.10	80	64-123	

Lab Batch #: 741017 **Sample:** 317459-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 741017 **Sample:** 317459-010 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741017 **Sample:** 317459-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.080	0.10	80	64-123	

Lab Batch #: 741017 **Sample:** 317459-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 741017 **Sample:** 519717-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	64-123	

Lab Batch #: 741017 **Sample:** 519717-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 741068 **Sample:** 317459-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741068 **Sample:** 317459-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 741068 **Sample:** 317459-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 741068 **Sample:** 317459-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	66-121	

Lab Batch #: 741068 **Sample:** 318265-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 741068 **Sample:** 318265-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741068 **Sample:** 519755-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	66-121	

Lab Batch #: 741068 **Sample:** 519755-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 740871 **Sample:** 317459-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	6.8	1.6	425	32-116	**

Lab Batch #: 740871 **Sample:** 317459-005 DL / DL **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	80	1.7	4706	32-116	*****

Lab Batch #: 740871 **Sample:** 317459-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	58	1.6	3625	32-116	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740871 **Sample:** 317459-006 DL / DL **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	44	1.7	2588	32-116	*****

Lab Batch #: 740871 **Sample:** 317459-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	9.4	1.6	588	32-116	**

Lab Batch #: 740871 **Sample:** 317459-007 DL / DL **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.61	1.7	36	32-116	

Lab Batch #: 740871 **Sample:** 317459-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	150	1.6	9375	32-116	**

Lab Batch #: 740871 **Sample:** 317459-012 DL / DL **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	2.5	1.7	147	32-116	*****

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 740871 **Sample:** 317570-004 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	1.4	1.7	82	32-116	

Lab Batch #: 740871 **Sample:** 317570-004 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	1.4	1.6	88	32-116	

Lab Batch #: 740871 **Sample:** 519541-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	1.4	1.7	82	32-116	

Lab Batch #: 740871 **Sample:** 519541-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	1.6	1.7	94	32-116	

Lab Batch #: 741058 **Sample:** 317459-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	120	500	24	32-116	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741058 **Sample:** 519447-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	350	500	70	32-116	

Lab Batch #: 741058 **Sample:** 519447-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	130	500	26	32-116	**

Lab Batch #: 741058 **Sample:** 519447-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	340	500	68	32-116	

Lab Batch #: 741062 **Sample:** 317459-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.042	0.050	84	31-115	

Lab Batch #: 741062 **Sample:** 317459-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.036	0.050	72	31-115	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741062 **Sample:** 317459-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	1.1	0.050	2200	31-115	**

Lab Batch #: 741062 **Sample:** 317459-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.037	0.050	74	31-115	

Lab Batch #: 741062 **Sample:** 317459-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.032	0.050	64	31-115	

Lab Batch #: 741062 **Sample:** 317459-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.041	0.050	82	31-115	

Lab Batch #: 741062 **Sample:** 317459-010 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.019	0.050	38	31-115	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741062 **Sample:** 317459-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	<0.0003	0.25	0	31-115	**

Lab Batch #: 741062 **Sample:** 519322-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.046	0.050	92	31-115	

Lab Batch #: 741062 **Sample:** 519322-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.047	0.050	94	31-115	

Lab Batch #: 741062 **Sample:** 519322-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.053	0.050	106	31-115	

Lab Batch #: 741984 **Sample:** 317459-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55	50	110	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	50	50	100	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741984 **Sample:** 317459-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	54	50	108	53-135	
4-Bromofluorobenzene	50	50	100	53-175	
Toluene-D8	51	50	102	56-126	

Lab Batch #: 741984 **Sample:** 317459-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56	50	112	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 741984 **Sample:** 317459-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	54	50	108	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	51	50	102	56-126	

Lab Batch #: 741984 **Sample:** 520134-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	52	50	104	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	49	50	98	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317459, **Project ID:** 08040

Lab Batch #: 741984 **Sample:** 520134-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55	50	110	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	49	50	98	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317459 **Project ID:** 08040

Lab Batch #: 740426 **Sample:** 519241-1-BKS **Matrix:** Water
Date Analyzed: 11/13/2008 **Date Prepared:** 11/14/2008 **Analyst:** VCH
Reporting Units: ug/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

PCBs by SW846 8082 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
PCB-1016	<1.0	5.0	4.8	96	30-170	
PCB-1260	<1.0	5.0	4.0	80	30-170	

Lab Batch #: 741029 **Sample:** 519552-1-BKS **Matrix:** Solid
Date Analyzed: 11/20/2008 **Date Prepared:** 11/19/2008 **Analyst:** VCH
Reporting Units: ug/kg **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

PCBs by SW846 8082 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
PCB-1016	<33	170	170	100	17-171	
PCB-1260	<33	170	140	82	33-193	

Lab Batch #: 740492 **Sample:** 519323-1-BKS **Matrix:** Water
Date Analyzed: 11/17/2008 **Date Prepared:** 11/13/2008 **Analyst:** WIB
Reporting Units: ug/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,2,4-Trichlorobenzene	<10.0	50.0	32.1	64	10-96	
1,4-Dichlorobenzene	<10.0	50.0	32.7	65	10-87	
2,4-Dinitrotoluene	<10.0	50.0	29.7	59	23-124	
2-Chlorophenol	<10.0	100	76.3	76	25-80	
4-chloro-3-methylphenol	<10.0	100	75.3	75	15-98	
4-Nitrophenol	<20.0	100	66.8	67	11-129	
Acenaphthene	<10.0	50.0	31.0	62	16-112	
N-Nitrosodi-n-Propylamine	<10.0	50.0	36.1	72	15-118	
Pentachlorophenol	<20.0	100	44.1	44	22-120	
Phenol	<10.0	100	71.6	72	12-90	
Pyrene	<10.0	50.0	31.2	62	13-130	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317459 **Project ID:** 08040

Lab Batch #: 740679 **Sample:** 519423-1-BKS **Matrix:** Solid
Date Analyzed: 11/18/2008 **Date Prepared:** 11/17/2008 **Analyst:** WIB
Reporting Units: ug/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL SVOCs by SW-846 8270C Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,2,4-Trichlorobenzene	<330	1700	1000	59	37-133	
1,4-Dichlorobenzene	<330	1700	1100	65	36-134	
2,4-Dinitrotoluene	<330	1700	1100	65	40-130	
2-Chlorophenol	<330	3300	2600	79	25-140	
4-chloro-3-methylphenol	<330	3300	2700	82	28-134	
4-Nitrophenol	<670	3300	2600	79	15-113	
Acenaphthene	<330	1700	1100	65	41-134	
N-Nitrosodi-n-Propylamine	<330	1700	1400	82	53-130	
Pentachlorophenol	<670	3300	1100	33	14-111	
Phenol	<330	3300	2500	76	27-127	
Pyrene	<330	1700	960	56	24-132	

Lab Batch #: 741337 **Sample:** 519913-1-BKS **Matrix:** Water
Date Analyzed: 11/24/2008 **Date Prepared:** 11/24/2008 **Analyst:** 4148
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<1.0	50.0	60.0	120	70-130	
Benzene	<1.0	50.0	48.0	96	80-120	
Chlorobenzene	<1.0	50.0	53.0	106	80-120	
Toluene	<1.0	50.0	51.0	102	75-120	
Trichloroethene	<1.0	50.0	62.0	124	70-125	

Lab Batch #: 741017 **Sample:** 519717-1-BKS **Matrix:** Water
Date Analyzed: 11/20/2008 **Date Prepared:** 11/20/2008 **Analyst:** 4124
Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	0.78	78	69-121	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: **Seven Out Superfund Site**

Work Order #: 317459 **Project ID:** 08040

Lab Batch #: 741068 **Sample:** 519755-1-BKS **Matrix:** Solid
Date Analyzed: 11/21/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4124
Reporting Units: mg/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<10	50	43	86	71-125	

Lab Batch #: 740871 **Sample:** 519541-1-BKS **Matrix:** Solid
Date Analyzed: 11/19/2008 **Date Prepared:** 11/18/2008 **Analyst:** 4153
Reporting Units: mg/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-DRO (Diesel Range Organics)	3.3	33	33	100	14-146	

Lab Batch #: 741984 **Sample:** 520134-1-BKS **Matrix:** Solid
Date Analyzed: 11/26/2008 **Date Prepared:** 11/26/2008 **Analyst:** 4124
Reporting Units: ug/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<250	2500	2500	100	35-170	
Benzene	<250	2500	2400	96	38-158	
Chlorobenzene	<500	2500	2500	100	47-153	
Toluene	<250	2500	2400	96	50-150	
Trichloroethene	<250	2500	2300	92	50-150	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317459 **Project ID:** 08040

Analyst: 4099 **Date Prepared:** 11/13/2008 **Date Analyzed:** 11/13/2008

Lab Batch ID: 740624 **Sample:** 740624-1-BKS **Batch #:** 1 **Matrix:** Water

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140.0	81.0	80.0	99	81	80.0	99	0	70-140	25	

Analyst: 4099 **Date Prepared:** 11/19/2008 **Date Analyzed:** 11/19/2008

Lab Batch ID: 741491 **Sample:** 741491-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	80.0	99	81	80.0	99	0	75-140	25	

Analyst: 4150 **Date Prepared:** 11/14/2008 **Date Analyzed:** 11/18/2008

Lab Batch ID: 740582 **Sample:** 519286-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0020	0.0030	0.0029	97	0.003	0.0030	100	3	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317459 **Project ID:** 08040

Analyst: 4150 **Date Prepared:** 11/14/2008 **Date Analyzed:** 11/17/2008

Lab Batch ID: 740439 **Sample:** 519271-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7471A Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.5000	0.5000	0.5530	111	0.5	0.5986	120	8	85-115	20	H

Analyst: VCH **Date Prepared:** 11/17/2008 **Date Analyzed:** 11/14/2008

Lab Batch ID: 740436 **Sample:** 519401-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: ug/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

PCBs by SW846 8082 Col Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
2 PCB-1016	<1000	5000	5000	100	5000	5200	104	4	17-171	30	
2 PCB-1260	<1000	5000	4000	80	5000	4200	84	5	33-193	30	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317459
Project ID: 08040
Analyst: 4150
Date Prepared: 11/14/2008
Date Analyzed: 11/17/2008
Lab Batch ID: 740462
Sample: 519270-1-BKS
Batch #: 1
Matrix: Water
Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	1.01	101	1	1.06	106	5	75-125	20	
Barium	<0.050	1.00	1.04	104	1	1.10	110	6	75-125	20	
Cadmium	<0.005	1.00	1.04	104	1	1.09	109	5	75-125	20	
Chromium	<0.050	1.00	1.06	106	1	1.10	110	4	75-125	20	
Lead	<0.010	1.00	1.04	104	1	1.09	109	5	75-125	20	
Selenium	<0.010	1.00	1.03	103	1	1.08	108	5	75-125	20	
Silver	<0.050	1.00	1.01	101	1	1.05	105	4	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317459
Project ID: 08040
Analyst: 4150
Date Prepared: 11/13/2008
Date Analyzed: 11/14/2008
Lab Batch ID: 740287
Sample: 519213-1-BKS
Batch #: 1
Matrix: Solid
Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<5.00	100	92.8	93	100	89.7	90	3	75-125	20	
Barium	0.180	100	96.5	97	100	93.8	94	3	75-125	20	
Cadmium	<0.500	100	95.5	96	100	92.9	93	3	75-125	20	
Chromium	<5.00	100	97.4	97	100	97.3	97	0	75-125	20	
Lead	<5.00	100	94.8	95	100	93.3	93	2	75-125	20	
Selenium	<5.00	100	95.0	95	100	94.5	95	1	75-125	20	
Silver	0.070	100	95.2	95	100	98.9	99	4	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317459 **Project ID:** 08040

Analyst: WIB **Date Prepared:** 11/18/2008 **Date Analyzed:** 11/19/2008

Lab Batch ID: 740640 **Sample:** 519445-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: ug/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<100000	100000	81000	81	100000	94000	94	15	37-133	30	
1,4-Dichlorobenzene	<100000	100000	85000	85	100000	98000	98	14	36-134	30	
2,4-Dinitrotoluene	<100000	100000	63000	63	100000	73000	73	15	40-130	30	
2-Chlorophenol	<100000	200000	220000	110	200000	250000	125	13	25-140	30	
4-chloro-3-methylphenol	<100000	200000	180000	90	200000	220000	110	20	28-134	30	
4-Nitrophenol	<200000	200000	150000	75	200000	170000	85	13	15-113	30	
Acenaphthene	<100000	100000	77000	77	100000	90000	90	16	41-134	30	
N-Nitrosodi-n-Propylamine	<100000	100000	97000	97	100000	110000	110	13	53-130	30	
Pentachlorophenol	<200000	200000	100000	50	200000	110000	55	10	14-111	30	
Phenol	<100000	200000	210000	105	200000	240000	120	13	27-127	30	
Pyrene	<100000	100000	63000	63	100000	76000	76	19	24-132	30	

Analyst: WIB **Date Prepared:** 11/18/2008 **Date Analyzed:** 11/19/2008

Lab Batch ID: 741058 **Sample:** 519447-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	840	10000	53000	530	10000	52000	520	2	14-146	20	H

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317459
Project ID: 08040
Analyst:
Date Prepared: 11/14/2008
Date Analyzed: 11/18/2008
Lab Batch ID: 741062
Sample: 519322-1-BKS
Batch #: 1
Matrix: Water
Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	0.091	1.0	1.0	100	1	1.0	100	0	23-168	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317459 **Project ID:** 08040

Lab Batch ID: 740582 **QC- Sample ID:** 317459-001 S **Batch #:** 1 **Matrix:** Liquid
Date Analyzed: 11/18/2008 **Date Prepared:** 11/14/2008 **Analyst:** 4150
Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0020	0.0030	0.0026	87	0.0030	0.0026	87	0	75-125	20	

Lab Batch ID: 740439 **QC- Sample ID:** 317527-001 S **Batch #:** 1 **Matrix:** Soil
Date Analyzed: 11/17/2008 **Date Prepared:** 11/14/2008 **Analyst:** 4150
Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7471A Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	0.0165	0.5336	0.5739	104	0.5336	0.5870	107	3	85-115	20	

Lab Batch ID: 740426 **QC- Sample ID:** 317380-001 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 11/13/2008 **Date Prepared:** 11/14/2008 **Analyst:** VCH
Reporting Units: ug/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

PCBs by SW846 8082 Col	Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
2	PCB-1016	<1.0	5.0	4.4	88	5.0	4.7	94	7	30-170	30	
2	PCB-1260	<1.0	5.0	4.0	80	5.0	4.3	86	7	30-170	30	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317459 **Project ID:** 08040

Lab Batch ID: 740436 **QC- Sample ID:** 317459-013 S **Batch #:** 1 **Matrix:** Liquid

Date Analyzed: 11/15/2008 **Date Prepared:** 11/17/2008 **Analyst:** VCH

Reporting Units: ug/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Col	PCBs by SW846 8082 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1	PCB-1016	<880	4700	5500	117	4600	5800	126	7	17-171	30	
1	PCB-1260	<880	4700	4800	102	4600	5000	109	7	33-193	30	

Lab Batch ID: 741029 **QC- Sample ID:** 317459-012 S **Batch #:** 1 **Matrix:** Solid

Date Analyzed: 11/20/2008 **Date Prepared:** 11/19/2008 **Analyst:** VCH

Reporting Units: ug/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Col	PCBs by SW846 8082 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1	PCB-1016	<33	160	180	113	160	180	113	0	17-171	30	
1	PCB-1260	<33	160	180	113	160	150	94	18	33-193	30	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317459 **Project ID:** 08040

Lab Batch ID: 740287 **QC- Sample ID:** 317527-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 11/14/2008 **Date Prepared:** 11/13/2008 **Analyst:** 4150

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	0.861	99.0	89.8	90	99.0	90.5	91	1	75-125	20	
Barium	21.1	99.0	111	91	99.0	114	94	3	75-125	20	
Cadmium	0.158	99.0	92.1	93	99.0	92.3	93	0	75-125	20	
Chromium	4.18	99.0	98.7	95	99.0	99.3	96	1	75-125	20	
Lead	4.43	99.0	95.5	92	99.0	95.6	92	0	75-125	20	
Selenium	<4.95	99.0	92.0	93	99.0	92.5	93	0	75-125	20	
Silver	<4.95	99.0	91.5	92	99.0	91.6	93	1	75-125	20	

Lab Batch ID: 740462 **QC- Sample ID:** 317383-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 11/17/2008 **Date Prepared:** 11/14/2008 **Analyst:** 4150

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	1.03	103	1.00	1.04	104	1	75-125	20	
Barium	0.666	1.00	1.65	98	1.00	1.66	99	1	75-125	20	
Cadmium	0.002	1.00	1.03	103	1.00	1.04	104	1	75-125	20	
Chromium	0.029	1.00	1.07	104	1.00	1.08	105	1	75-125	20	
Lead	0.029	1.00	1.04	101	1.00	1.04	101	0	75-125	20	
Selenium	<0.010	1.00	0.509	51	1.00	0.509	51	0	75-125	20	X
Silver	<0.050	1.00	1.00	100	1.00	1.00	100	0	75-125	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317459 **Project ID:** 08040

Lab Batch ID: 740492 **QC- Sample ID:** 317380-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 11/17/2008 **Date Prepared:** 11/13/2008 **Analyst:** WIB

Reporting Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<10.0	50.0	33.3	67	50.0	26.1	52	25	10-96	30	
1,4-Dichlorobenzene	<10.0	50.0	32.4	65	50.0	25.2	50	26	10-87	30	
2,4-Dinitrotoluene	<10.0	50.0	33.6	67	50.0	26.7	53	23	23-124	30	
2-Chlorophenol	<10.0	100	80.3	80	100	62.5	63	24	25-80	30	
4-chloro-3-methylphenol	<10.0	100	87.8	88	100	70.0	70	23	15-98	30	
4-Nitrophenol	<20.0	100	79.8	80	100	63.9	64	22	11-129	30	
Acenaphthene	<10.0	50.0	35.4	71	50.0	28.1	56	24	16-112	30	
N-Nitrosodi-n-Propylamine	<10.0	50.0	38.9	78	50.0	30.2	60	26	15-118	30	
Pentachlorophenol	<20.0	100	58.6	59	100	47.3	47	23	22-120	30	
Phenol	<10.0	100	75.5	76	100	57.7	58	27	12-90	30	
Pyrene	<10.0	50.0	36.0	72	50.0	30.9	62	15	13-130	30	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317459 **Project ID:** 08040

Lab Batch ID: 740679 **QC- Sample ID:** 317570-002 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 11/18/2008 **Date Prepared:** 11/17/2008 **Analyst:** WIB

Reporting Units: ug/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<330	1700	780	46	1600	800	50	8	37-133	30	
1,4-Dichlorobenzene	<330	1700	770	45	1600	800	50	11	36-134	30	
2,4-Dinitrotoluene	<330	1700	920	54	1600	900	56	4	40-130	30	
2-Chlorophenol	<330	3300	1900	58	3300	2000	61	5	25-140	30	
4-chloro-3-methylphenol	<330	3300	2200	67	3300	2200	67	0	28-134	30	
4-Nitrophenol	<670	3300	2400	73	3300	2300	70	4	15-113	30	
Acenaphthene	<330	1700	820	48	1600	850	53	10	41-134	30	
N-Nitrosodi-n-Propylamine	<330	1700	1000	59	1600	1100	69	16	53-130	30	
Pentachlorophenol	<670	3300	1100	33	3300	1000	30	10	14-111	30	
Phenol	<330	3300	1800	55	3300	1900	58	5	27-127	30	
Pyrene	<330	1700	930	55	1600	840	53	4	24-132	30	

Lab Batch ID: 741017 **QC- Sample ID:** 317459-001 S **Batch #:** 1 **Matrix:** Liquid

Date Analyzed: 11/20/2008 **Date Prepared:** 11/20/2008 **Analyst:** 4124

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	0.86	86	1.0	0.88	88	2	69-121	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317459 **Project ID:** 08040

Lab Batch ID: 741068 **QC- Sample ID:** 318265-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 11/21/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4124

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<9.6	48	48	100	48	41	85	16	71-125	25	

Lab Batch ID: 740871 **QC- Sample ID:** 317570-004 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 11/20/2008 **Date Prepared:** 11/18/2008 **Analyst:** 4153

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	7.4	33	35	84	33	38	93	10	14-146	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317459

Lab Batch #: 740624 **Project ID:** 08040
Date Analyzed: 11/13/2008 **Date Prepared:** 11/13/2008 **Analyst:** 4099
QC- Sample ID: 317459-001 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140.0	>140.0	NC	25	

Lab Batch #: 741491
Date Analyzed: 11/19/2008 **Date Prepared:** 11/19/2008 **Analyst:** 4099
QC- Sample ID: 317459-005 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140	>140	NC	25	

Lab Batch #: 740582
Date Analyzed: 11/18/2008 **Date Prepared:** 11/14/2008 **Analyst:** 4150
QC- Sample ID: 317459-001 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY

Mercury by SW-846 7470A Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Mercury	<0.0020	<0.0020	NC	20	

Lab Batch #: 740439
Date Analyzed: 11/17/2008 **Date Prepared:** 11/14/2008 **Analyst:** 4150
QC- Sample ID: 317527-001 D **Batch #:** 1 **Matrix:** Soil
Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY

Mercury by SW-846 7471A Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Mercury	0.0165	<0.0534	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317459

Lab Batch #: 740287 **Project ID:** 08040
Date Analyzed: 11/14/2008 **Date Prepared:** 11/13/2008 **Analyst:** 4150
QC- Sample ID: 317527-001 D **Batch #:** 1 **Matrix:** Soil
Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY

RCRA Metals by SW846-6010B Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Arsenic	0.861	<4.95	NC	20	
Barium	21.1	18.8	12	20	
Cadmium	0.158	<0.495	NC	20	
Chromium	4.18	<4.95	NC	20	
Lead	4.43	<4.95	NC	20	
Selenium	<4.95	<4.95	NC	20	
Silver	<4.95	<4.95	NC	20	

Lab Batch #: 740462
Date Analyzed: 11/17/2008 **Date Prepared:** 11/14/2008 **Analyst:** 4150
QC- Sample ID: 317383-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY

RCRA Metals by SW846-6010B Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Arsenic	<0.010	<0.010	NC	20	
Barium	0.666	0.663	0	20	
Cadmium	0.002	<0.005	NC	20	
Chromium	0.029	<0.050	NC	20	
Lead	0.029	0.028	4	20	
Selenium	<0.010	<0.010	NC	20	
Silver	<0.050	<0.050	NC	20	

Lab Batch #: 740136
Date Analyzed: 11/12/2008 **Date Prepared:** 11/12/2008 **Analyst:** 4099
QC- Sample ID: 317459-001 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: SU

SAMPLE / SAMPLE DUPLICATE RECOVERY

pH by EPA 9040 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	7.54	7.52	0	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519213-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519213-1-BLK**

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-14-08 12:22 Analyst: 4150 Date Prep: Nov-13-08 14:28 Tech: ABA
Seq Number: 740287

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	5.00	0.617	mg/kg	U	1
Barium	7440-39-3	0.180	5.00	0.153	mg/kg		1
Cadmium	7440-43-9	U	0.500	0.021	mg/kg	U	1
Chromium	7440-47-3	U	5.00	0.096	mg/kg	U	1
Lead	7439-92-1	U	5.00	0.300	mg/kg	U	1
Selenium	7782-49-2	U	5.00	0.956	mg/kg	U	1
Silver	7440-22-4	0.070	5.00	0.047	mg/kg		1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519241-1-BLK** Matrix: **WATER**
Lab Sample Id: **519241-1-BLK**

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-13-08 17:30 Analyst: VCH Date Prep: Nov-14-08 07:49 Tech: 4118
Seq Number: 740426

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519270-1-BLK** Matrix: **WATER**
Lab Sample Id: **519270-1-BLK**

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-17-08 11:59 Analyst: 4150 Date Prep: Nov-14-08 11:53 Tech: ABA
Seq Number: 740462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519271-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519271-1-BLK**

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-17-08 13:20 Analyst: 4150 Date Prep: Nov-14-08 11:55 Tech: ABA
Seq Number: 740439

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.5000	0.0300	mg/kg	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519286-1-BLK** Matrix: **WATER**
Lab Sample Id: **519286-1-BLK**

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-18-08 14:36 Analyst: 4150 Date Prep: Nov-14-08 13:40 Tech: ABA
Seq Number: 740582

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519322-1-BLK** Matrix: **WATER**
Lab Sample Id: **519322-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-18-08 05:05 Analyst: Date Prep: Nov-14-08 15:30 Tech: 5458
Seq Number: 741062

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	0.091	0.30	0.026	mg/L		1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519323-1-BLK** Matrix: **WATER**
Lab Sample Id: **519323-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 16:03 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458
Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519323-1-BLK** Matrix: **WATER**
Lab Sample Id: **519323-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-17-08 16:03 Analyst: WIB Date Prep: Nov-13-08 15:30 Tech: 5458
Seq Number: 740492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519401-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519401-1-BLK**

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Nov-14-08 22:33 Analyst: VCH Date Prep: Nov-17-08 15:58 Tech: 4118
Seq Number: 740436

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1000	110	ug/kg	U	1
PCB-1221	11104-28-2	U	1000	100	ug/kg	U	1
PCB-1232	11141-16-5	U	1000	100	ug/kg	U	1
PCB-1242	53469-21-9	U	1000	110	ug/kg	U	1
PCB-1248	12672-29-6	U	1000	110	ug/kg	U	1
PCB-1254	11097-69-1	U	1000	110	ug/kg	U	1
PCB-1260	11096-82-5	U	1000	130	ug/kg	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519423-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519423-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-18-08 16:50 Analyst: WIB Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	330	59	ug/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	330	54	ug/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	330	53	ug/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	330	52	ug/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	330	61	ug/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	330	64	ug/kg	U	1
2,4-Dichlorophenol	120-83-2	U	330	42	ug/kg	U	1
2,4-Dimethylphenol	105-67-9	U	330	61	ug/kg	U	1
2,4-Dinitrophenol	51-28-5	U	670	54	ug/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	330	54	ug/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	330	43	ug/kg	U	1
2-Chloronaphthalene	91-58-7	U	330	61	ug/kg	U	1
2-Chlorophenol	95-57-8	U	330	60	ug/kg	U	1
2-Methylnaphthalene	91-57-6	U	330	51	ug/kg	U	1
2-methylphenol	95-48-7	U	330	47	ug/kg	U	1
2-Nitroaniline	88-74-4	U	670	45	ug/kg	U	1
2-Nitrophenol	88-75-5	U	330	42	ug/kg	U	1
3&4-Methylphenol		U	670	99	ug/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	670	49	ug/kg	U	1
3-Nitroaniline	99-09-2	U	670	46	ug/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	670	58	ug/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	330	57	ug/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	330	48	ug/kg	U	1
4-Chloroaniline	106-47-8	U	330	55	ug/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	330	63	ug/kg	U	1
4-Nitroaniline	100-01-6	U	670	51	ug/kg	U	1
4-Nitrophenol	100-02-7	U	670	41	ug/kg	U	1
Acenaphthene	83-32-9	U	330	47	ug/kg	U	1
Acenaphthylene	208-96-8	U	330	57	ug/kg	U	1
Anthracene	120-12-7	U	330	49	ug/kg	U	1
Benzo(a)anthracene	56-55-3	U	330	54	ug/kg	U	1
Benzo(a)pyrene	50-32-8	U	330	49	ug/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	330	54	ug/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	330	55	ug/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	330	57	ug/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	330	40	ug/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	330	47	ug/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	330	54	ug/kg	U	1
Benzyl Butyl Phthalate	85-68-7	U	330	50	ug/kg	U	1
Carbazole	86-74-8	U	330	57	ug/kg	U	1
Chrysene	218-01-9	U	330	44	ug/kg	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519423-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519423-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-18-08 16:50 Analyst: WIB Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)anthracene	53-70-3	U	330	65	ug/kg	U	1
Dibenzofuran	132-64-9	U	330	43	ug/kg	U	1
Diethyl Phthalate	84-66-2	U	330	54	ug/kg	U	1
Dimethyl Phthalate	131-11-3	U	330	50	ug/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	330	61	ug/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	330	55	ug/kg	U	1
Fluoranthene	206-44-0	U	330	43	ug/kg	U	1
Fluorene	86-73-7	U	330	41	ug/kg	U	1
Hexachlorobenzene	118-74-1	U	330	56	ug/kg	U	1
Hexachlorobutadiene	87-68-3	U	330	37	ug/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	330	57	ug/kg	U	1
Hexachloroethane	67-72-1	U	330	52	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	330	61	ug/kg	U	1
Isophorone	78-59-1	U	330	34	ug/kg	U	1
Naphthalene	91-20-3	U	330	53	ug/kg	U	1
Nitrobenzene	98-95-3	U	330	59	ug/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	330	48	ug/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	330	70	ug/kg	U	1
Pentachlorophenol	87-86-5	U	670	60	ug/kg	U	1
Phenanthrene	85-01-8	U	330	55	ug/kg	U	1
Phenol	108-95-2	U	330	47	ug/kg	U	1
Pyrene	129-00-0	U	330	57	ug/kg	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519445-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519445-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Nov-19-08 00:08 Analyst: WIB Date Prep: Nov-18-08 11:00 Tech: 4155
Seq Number: 740640

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	100000	18000	ug/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	100000	16000	ug/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	100000	16000	ug/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	100000	16000	ug/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	100000	18000	ug/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	100000	19000	ug/kg	U	1
2,4-Dichlorophenol	120-83-2	U	100000	13000	ug/kg	U	1
2,4-Dimethylphenol	105-67-9	U	100000	18000	ug/kg	U	1
2,4-Dinitrophenol	51-28-5	U	200000	16000	ug/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	100000	16000	ug/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	100000	13000	ug/kg	U	1
2-Chloronaphthalene	91-58-7	U	100000	18000	ug/kg	U	1
2-Chlorophenol	95-57-8	U	100000	18000	ug/kg	U	1
2-Methylnaphthalene	91-57-6	U	100000	15000	ug/kg	U	1
2-methylphenol	95-48-7	U	100000	14000	ug/kg	U	1
2-Nitroaniline	88-74-4	U	200000	13000	ug/kg	U	1
2-Nitrophenol	88-75-5	U	100000	13000	ug/kg	U	1
3&4-Methylphenol		U	200000	30000	ug/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	200000	15000	ug/kg	U	1
3-Nitroaniline	99-09-2	U	200000	14000	ug/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	200000	17000	ug/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	100000	17000	ug/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	100000	14000	ug/kg	U	1
4-Chloroaniline	106-47-8	U	100000	17000	ug/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	100000	19000	ug/kg	U	1
4-Nitroaniline	100-01-6	U	200000	15000	ug/kg	U	1
4-Nitrophenol	100-02-7	U	200000	12000	ug/kg	U	1
Acenaphthene	83-32-9	U	100000	14000	ug/kg	U	1
Acenaphthylene	208-96-8	U	100000	17000	ug/kg	U	1
Anthracene	120-12-7	U	100000	15000	ug/kg	U	1
Benzo(a)anthracene	56-55-3	U	100000	16000	ug/kg	U	1
Benzo(a)pyrene	50-32-8	U	100000	15000	ug/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	100000	16000	ug/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	100000	17000	ug/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	100000	17000	ug/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	100000	12000	ug/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	100000	14000	ug/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	100000	16000	ug/kg	U	1
Butylbenzylphthalate	85-68-7	U	100000	15000	ug/kg	U	1
Carbazole	86-74-8	U	100000	17000	ug/kg	U	1
Chrysene	218-01-9	U	100000	13000	ug/kg	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519445-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519445-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Nov-19-08 00:08 Analyst: WIB Date Prep: Nov-18-08 11:00 Tech: 4155
Seq Number: 740640

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)Anthracene	53-70-3	U	100000	19000	ug/kg	U	1
Dibenzofuran	132-64-9	U	100000	13000	ug/kg	U	1
Diethyl Phthalate	84-66-2	U	100000	16000	ug/kg	U	1
Dimethyl Phthalate	131-11-3	U	100000	15000	ug/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	100000	18000	ug/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	100000	17000	ug/kg	U	1
Fluoranthene	206-44-0	U	100000	13000	ug/kg	U	1
Fluorene	86-73-7	U	100000	12000	ug/kg	U	1
Hexachlorobenzene	118-74-1	U	100000	17000	ug/kg	U	1
Hexachlorobutadiene	87-68-3	U	100000	11000	ug/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	100000	17000	ug/kg	U	1
Hexachloroethane	67-72-1	U	100000	16000	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	100000	18000	ug/kg	U	1
Isophorone	78-59-1	U	100000	10000	ug/kg	U	1
Naphthalene	91-20-3	U	100000	16000	ug/kg	U	1
Nitrobenzene	98-95-3	U	100000	18000	ug/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	100000	14000	ug/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	100000	21000	ug/kg	U	1
Pentachlorophenol	87-86-5	U	200000	18000	ug/kg	U	1
Phenanthrene	85-01-8	U	100000	17000	ug/kg	U	1
Phenol	108-95-2	U	100000	14000	ug/kg	U	1
Pyrene	129-00-0	U	100000	17000	ug/kg	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519447-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519447-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Nov-19-08 07:52 Analyst: WIB Date Prep: Nov-18-08 11:00 Tech: 4155
Seq Number: 741058

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	840	3000	340	mg/kg		1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519541-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519541-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-19-08 23:30 Analyst: 4153 Date Prep: Nov-18-08 10:00 Tech: 4155
Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	3.3	10	1.1	mg/kg		1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519552-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519552-1-BLK**

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-20-08 15:48 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	33	3.7	ug/kg	U	1
PCB-1221	11104-28-2	U	33	3.5	ug/kg	U	1
PCB-1232	11141-16-5	U	33	3.4	ug/kg	U	1
PCB-1242	53469-21-9	U	33	3.7	ug/kg	U	1
PCB-1248	12672-29-6	U	33	3.5	ug/kg	U	1
PCB-1254	11097-69-1	U	33	3.8	ug/kg	U	1
PCB-1260	11096-82-5	U	33	4.2	ug/kg	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519717-1-BLK** Matrix: **WATER**
Lab Sample Id: **519717-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-20-08 18:22 Analyst: 4124 Date Prep: Nov-20-08 17:20 Tech: 4124
Seq Number: 741017

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519755-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519755-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-21-08 10:47 Analyst: 4124 Date Prep: Nov-21-08 09:15 Tech: 4124
Seq Number: 741068

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	10	1.5	mg/kg	U	50

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519913-1-BLK** Matrix: **WATER**
Lab Sample Id: **519913-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 08:38 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.0	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.0	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.0	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.0	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.0	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.0	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.0	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.0	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.0	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.0	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.0	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.0	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.0	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.0	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.0	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.0	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.0	0.26	ug/L	U	1
Acetone	67-64-1	U	2.0	0.35	ug/L	U	1
Benzene	71-43-2	U	1.0	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.0	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.0	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.0	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.0	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.0	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.0	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.0	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.0	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.0	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.0	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.0	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.0	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.0	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.0	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.0	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.0	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.0	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.0	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.0	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.0	0.11	ug/L	U	1
Methylene chloride	75-09-2	U	1.0	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.0	0.20	ug/L	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519913-1-BLK** Matrix: **WATER**
Lab Sample Id: **519913-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-24-08 08:38 Analyst: 4148 Date Prep: Nov-24-08 06:51 Tech: 4148
Seq Number: 741337

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	1.0	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.0	0.16	ug/L	U	1
Toluene	108-88-3	U	1.0	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.0	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.0	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.0	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.0	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.0	0.19	ug/L	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520134-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520134-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 09:12 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: ANI
Seq Number: 741984

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	38	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	59	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	56	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	34	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	40	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	58	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	44	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	81	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	43	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	65	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	30	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	50	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	460	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	56	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	U	2500	340	ug/kg	U	50
Benzene	71-43-2	U	250	26	ug/kg	U	50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	48	ug/kg	U	50
Bromomethane	74-83-9	U	250	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	250	73	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	37	ug/kg	U	50
Chlorobenzene	108-90-7	U	500	29	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	37	ug/kg	U	50
Chloromethane	74-87-3	U	250	120	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	27	ug/kg	U	50
Cyclohexane	110-82-7	U	250	47	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	50	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	59	ug/kg	U	50
Ethylbenzene	100-41-4	U	250	28	ug/kg	U	50
Isopropylbenzene	98-82-8	U	250	38	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	500	60	ug/kg	U	50
Methyl acetate	79-20-9	U	250	47	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	35	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	55	ug/kg	U	50
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
o-Xylene	95-47-6	U	250	36	ug/kg	U	50

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520134-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520134-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 09:12 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: ANI
Seq Number: 741984

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	250	37	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	52	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	39	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	34	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	180	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	100	ug/kg	U	50

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **740624-1-BLK** Matrix: **WATER**
Lab Sample Id: **740624-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	75.0	N/A	Deg F	U	1

Blank Summary 317459

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **741491-1-BLK** Matrix: **SOLID**
Lab Sample Id: **741491-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 14:41 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741491

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	75.0	N/A	Deg F	U	1

XENCO Laboratories

☐ 5757 N.W. 158th Street, Miami Lakes, Fl 33014 305-823-8500
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

☐ Philadephia/New Jersey 610-955-5649

Serial #: 223256

Company-City: Winter Environmental
Phone: 404-588-3300
Lab Only: WO# 317459
Proj Name-Location: Seven Out ☐ Previously done at XENCO
Project ID: 08040
TAT: ASAP 5h 12h 24h 48h 3d (5d) (7d) 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL, (GA) LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj Manager (PM): Brent Sasser
Fax Results to ☑ PM or **e-mail to:** BSasser@winter-environmental.com **Fax No:** 404-223-6251
Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:
Quote/Pricing: **P.O No:** ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)
LPST No.:
Sampler Name: Joe King Signature: Joe King

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs BTEX-MTBE VOHs VOAs PP TCL Appdx 1 Appdx 2	Method: 8260 8021 624 524	PAHs: 8270 8100 8310 8270_SIM	TRPH by FL PRO DRO GRO MA EPH MA VPH	SVOCs: 8270 625 - (BN&AE) (TCL) (PP) (Appdx 2)	Pest. (8081 / 608) PCBs (8082 / 608) Herb. (8151 / 615)	EDB / DBCP (8011 / 504)	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	Metals Methods: 6020 / 6010 / 200.8 / 7470 / 7471	SPLP - (TCLP) (Metals VOCs SVOCs) Pest. Herb. PCBs)	FL Preburn: Virgin Non-Virgin	pH	ignitability						TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed			Rcv by: Date From: Addn:	
1	CT-7	11/11/08	1100		LW		X	4			L										X										X				1
2	CT-3	11/11/08	1045		LW		X	7			L	X			X	X			X				X	X											2
3	CT-5	11/11/08	0935		LW		X	7			L	X			X	X			X				X	X											3
4	CT-4	11/11/08	1010		LW		X	7			L	X			X	X			X				X	X											4
5	CT-4-S	11/11/08	1530		SW		X	2			L	X			X	X			X				X	X											5
6	CT-4-S	11/11/08	1530		SW		X	1			L										X										X				6
7	CT-5-S	11/11/08	1510		SW		X	2			L	X			X	X			X				X	X											7
8	CT-5-S	11/11/08	1510		SW		X	1			L										X										X				8
9	DUP 40108	11/11/08	—		SW		X	2			L	X			X	X			X				X	X											9
10	DUP 40108	11/11/08	—		SW		X	1			L										X										X				10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Brent Sasser	11/12/08 1212	2) David Lagunas	11-12-08 12:15
2) 3)		4)	
3) 5)		6)	

Total Containers per COC: Cooler Temp:
All XENCO Standard Terms and Conditions Apply.
Rush Charges are Pre-Approved upon Requesting them.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____
Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____
Matrix: Air (A), Product (P), Solid(S), Water (W)

Committed to Excellence in Service and Quality www.xenco.com

LW - liquid waste SW - solid waste

XENCO Laboratories

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☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

☐ Philadephia/New Jersey 610-955-5649

Serial #: 223275

Company-City: Winter Environmental **Phone:** 404-588-3300

Lab Only: WO# 317459

Proj Name-Location: Seven out ☐ Previously done at XENCO **Project ID:** 08040

TAT: ASAP 5h 12h 24h 48h 3d (5d) (7d) 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, (GA) LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** Brent Sasser

Fax Results to ☒ PM or **e-mail to:** BSasser@winter-environmental.com **Fax No:** 404-223-6251

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:

Quote/Pricing: **P.O No:** ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

LPST No.:

Sampler Name: Joe King Signature: Joe King

From: Rcv by: Date: Addn:

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs BTEX-MTBE VOHs VOAs PP TCL Appdx 1 Appdx 2	Method: 8260 8021 624 524	PAHs: 8270 8100 8310 8270_SIM	TRPH by FL PRO DRO GRO MA EPH MA VPH	SVOCs: 8270 625 - (BN&AE) (TCL) (PP) (Appdx 2)	Pest. (8081 / 608) PCBs (8082 / 608) Herb. (8151 / 615)	EDB / DBCP (8011 / 504)	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	Metals Methods: 6020 / 6010 / 200.8 / 7470 / 7471	SPLP (TCLP) (Metals VOCs SVOCs) Pest. Herb. PCBs)	FL Preburn: Virgin Non-Virgin	pH	ignitability						TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed			
1	CT-6	11/11/08	1030		LW		X	7			L	X			X	X			X				X	X													1
2	CT-8	11/11/08	1300		LW		X	4			L										X											X					2
3	CT-2	11/11/08	1245		LW		X	4			L										X											X					3
4	CT-1	11/11/08	1315		LW		X	4			L										X											X					4
5	CT-8	11/11/08	1300		LW		X	7			L	X			X	X			X				X	X													5
6	CT-2	11/11/08	1245		LW		X	7			L	X			X	X			X				X	X													6
7	CT-1	11/11/08	1315		LW		X	7			L	X			X	X			X				X	X													7
8	CT-1-S	11/11/08	1430		SW		X	2			L	X			X	X			X				X	X													8
9	CT-1-S	11/11/08	1430		SW		X	1			L										X											X					9
10																																					10

	Relinquished by (Initials and Sign)	Date & Time		Relinquished to (Initials and Sign)	Date & Time
1	1) Brent Sasser	11/12/08	1212	2) David Lagunas	11-12-08 12:15
2	3)			4)	
3	5)			6)	

Total Containers per COC: Cooler Temp:

All XENCO Standard Terms and Conditions Apply.

Rush Charges are Pre-Approved upon Requesting them.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____

Matrix: Air (A), Product (P), Solid(S), Water (W)

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LW- liquid waste SW-solid waste

XENCO Laboratories

☐ 5757 N.W. 158th Street, Miami Lakes, Fl 33014 305-823-8500
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☒ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

☐ Philadephia/New Jersey 610-955-5649

Serial #: 223265

Company-City: Winter Environmental
Phone: 404-588-3300
Lab Only: WO# 317459
Proj Name-Location: Seven Out ☐ Previously done at XENCO
Project ID: 08040
TAT: ASAP 5h 12h 24h 48h 3d (5d) 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL (GA) LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM): Brent Sasser
Fax Results to ☒ PM or
e-mail to: BSasser@Winter-Environmental.com
Fax No: 404-223-6251
Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:
Quote/Pricing: P.O No: ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)
LPST No.:
Sampler Name: Joe King Signature: Joe King

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs BTEX-MTBE VOHs VOAs PP TCL Appdx 1 Appdx 2	Method: 8260 8021 624 524	PAHs: 8270 8100 8310 8270_SIM	TRPH by FL PRO DRO GRO MA EPH MA VPH	SVOCs: 8270 625 - (BN&AE) (TCL) (PP) (Appdx 2)	Pest. (8081 / 608) PCBs (8082 / 608) Herb. (8151 / 615)	EDB / DBCP (8011 / 504)	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	Metals Methods: 6020 / 6010 / 200.8 / 7470 / 7471	SPLP - (TCLP) (Metals VOCs SVOCs) Pest.. Herb. PCBs)	FL Preburn: Virgin Non-Virgin	Ignitability							TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed			Rcv by: Date Addn: From:
1	TO-01	11-11-08	0845		LW		X	7			L	X			X	X			X				X	X												1
2	TB111108	11/11/08	—		W		X	2			L	X																								2
3	CT-5	11/11/08	0935		LW		X	4			L										X											X				3
4	CT-6	11/11/08	1030		LW		X	4			L										X											X				4
5	CT-4	11/11/08	1010		LW		X	4			L										X											X				5
6	CT-3	11/11/08	1045		LW		X	4			L										X											X				6
7	CT-7	11/11/08	1100		LW		X	7			L	X			X	X			X				X	X												7
8																																				8
9																																				9
10																																				10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Brent Sasser	11/12/08 1212	2) David Lagunas	11-12-08 12:15
2) 3)		4)	
3) 5)		6)	

Total Containers per COC: Cooler Temp:

All XENCO Standard Terms and Conditions Apply.

Rush Charges are Pre-Approved upon Requesting them.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____

Matrix: Air (A), Product (P), Solid(S), Water (W)

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LW- liquid waste

Analytical Report 317746

for

Winter Environmental

Project Manager: Len Diprima

Seven Out Superfund Site

08040

30-DEC-08

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Texas certification numbers:
Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers:
Norcross(Atlanta), GA 98015

North Carolina certification numbers:
Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta

30-DEC-08

Project Manager: **Len Diprima**
Winter Environmental
3350 Green Pointe Parkway
Norcross, GA 30092

Reference: XENCO Report No: **317746**
Seven Out Superfund Site
Project Address: Waycross, GA

Len Diprima:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 317746. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 317746 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

Sample Cross Reference 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Win-2	L	Nov-12-08 15:00		317746-001
Win-1	S	Nov-12-08 15:10		317746-002
D-02XX	L	Nov-12-08 15:15		317746-003
D-03XX	L	Nov-12-08 15:20		317746-004
D-10X	L	Nov-12-08 15:25		317746-005
D-14X	S	Nov-12-08 15:30		317746-006
TO-02	S	Nov-12-08 15:35		317746-007
Win-3	S	Nov-12-08 15:40		317746-008
D-04XX	S	Nov-12-08 15:50		317746-009
OP-4	S	Nov-13-08 09:30		317746-010
OP-35	S	Nov-13-08 09:15		317746-011
OP-25	S	Nov-13-08 08:30		317746-012
OP-45	S	Nov-13-08 10:00		317746-013
SH-1S	S	Nov-13-08 10:50		317746-014
DUP 40308	S	Nov-13-08 00:00		317746-015
SS-1S	S	Nov-13-08 13:10		317746-016
SH-1	L	Nov-13-08 10:40		317746-017
RBLK 40208	L	Nov-13-08 08:25		317746-018
RBLK 40108	L	Nov-12-08 07:50		317746-019
OP-3	L	Nov-13-08 09:50		317746-020
DUP 40408	L	Nov-13-08 00:00		317746-021
SS-1	L	Nov-13-08 13:50		317746-022
CT-35	S	Nov-11-08 16:15		317746-023
CT-65	S	Nov-11-08 16:00		317746-024
CT-85	S	Nov-12-08 10:30		317746-025
CT-75	S	Nov-12-08 09:00		317746-026
CT-25	S	Nov-12-08 09:35		317746-027
SS-25	S	Nov-13-08 13:45		317746-028

CASE NARRATIVE SUMMARY

Client Name: ***Winter Environmental***

Project Name: ***Seven Out Superfund Site***

Project ID: *08040* | *Report Date:* *30-DEC-08*

Work Order Number: *317746* | *Date Received:* *14-NOV-08*

Ignitability Notations:

Due to limited sample volume the Flashpoint (Ignitability) could not be reported for the sample identified as: DUP 40408.

David C. Fuller
Project Manager

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-001**	Date Collected: **Nov-12-08 15:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740630

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 19:06 Analyst: 4150 Date Prep: Nov-20-08 15:07 Tech: ABA
Seq Number: 741301

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Dec-18-08 19:27 Analyst: VCH Date Prep: Dec-18-08 16:15 Tech: 4118
Seq Number: 744116

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	13	2.3	ug/L	U	1
PCB-1221	11104-28-2	U	13	2.5	ug/L	U	1
PCB-1232	11141-16-5	U	13	1.9	ug/L	U	1
PCB-1242	53469-21-9	U	13	1.4	ug/L	U	1
PCB-1248	12672-29-6	U	13	2.6	ug/L	U	1
PCB-1254	11097-69-1	U	13	2.1	ug/L	U	1
PCB-1260	11096-82-5	U	13	2.1	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 18:43 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	0.002	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.001	0.050	0.001	mg/L	J	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	0.013	0.010	0.008	mg/L		1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-001**	Date Collected: **Nov-12-08 15:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	6.90		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-001** Date Collected: **Nov-12-08 15:00** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-18-08 13:53 Analyst: KAN Date Prep: Dec-15-08 10:24 Tech: 5458
Seq Number: 743960

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	11600	1160	ug/L	U	1150
1,2-Dichlorobenzene	95-50-1	U	11600	1160	ug/L	U	1150
1,3-Dichlorobenzene	541-73-1	U	11600	1160	ug/L	U	1150
1,4-Dichlorobenzene	106-46-7	U	11600	1160	ug/L	U	1150
2,4,5-Trichlorophenol	95-95-4	U	11600	1160	ug/L	U	1150
2,4,6-Trichlorophenol	88-06-2	U	11600	1160	ug/L	U	1150
2,4-Dichlorophenol	120-83-2	U	11600	1160	ug/L	U	1150
2,4-Dimethylphenol	105-67-9	U	11600	1250	ug/L	U	1150
2,4-Dinitrophenol	51-28-5	U	23300	1160	ug/L	U	1150
2,4-Dinitrotoluene	121-14-2	U	11600	1160	ug/L	U	1150
2,6-Dinitrotoluene	606-20-2	U	11600	1160	ug/L	U	1150
2-Chloronaphthalene	91-58-7	U	11600	1160	ug/L	U	1150
2-Chlorophenol	95-57-8	U	11600	1160	ug/L	U	1150
2-Methylnaphthalene	91-57-6	U	11600	1270	ug/L	U	1150
2-Methylphenol	95-48-7	U	11600	1550	ug/L	U	1150
2-Nitroaniline	88-74-4	U	23300	1160	ug/L	U	1150
2-Nitrophenol	88-75-5	U	11600	1160	ug/L	U	1150
3&4-Methylphenol		U	23300	1750	ug/L	U	1150
3,3-Dichlorobenzidine	91-94-1	U	23300	2330	ug/L	U	1150
3-Nitroaniline	99-09-2	U	23300	2400	ug/L	U	1150
4,6-dinitro-2-methyl phenol	534-52-1	U	23300	1410	ug/L	U	1150
4-Bromophenyl-phenylether	101-55-3	U	11600	1160	ug/L	U	1150
4-chloro-3-methylphenol	59-50-7	U	11600	1260	ug/L	U	1150
4-Chloroaniline	106-47-8	U	23300	1160	ug/L	U	1150
4-Chlorophenyl Phenyl Ether	7005-72-3	U	11600	1160	ug/L	U	1150
4-Nitroaniline	100-01-6	U	23300	1220	ug/L	U	1150
4-Nitrophenol	100-02-7	U	23300	1160	ug/L	U	1150
Acenaphthene	83-32-9	U	11600	1160	ug/L	U	1150
Acenaphthylene	208-96-8	U	11600	1160	ug/L	U	1150
Anthracene	120-12-7	U	11600	1160	ug/L	U	1150
Benzo(a)anthracene	56-55-3	U	11600	1160	ug/L	U	1150
Benzo(a)pyrene	50-32-8	U	11600	1160	ug/L	U	1150
Benzo(b)fluoranthene	205-99-2	U	11600	1160	ug/L	U	1150
Benzo(g,h,i)perylene	191-24-2	U	11600	1160	ug/L	U	1150
Benzo(k)fluoranthene	207-08-9	U	11600	1160	ug/L	U	1150
bis(2-chloroethoxy) methane	111-91-1	U	11600	1160	ug/L	U	1150
bis(2-chloroethyl) ether	111-44-4	U	11600	1160	ug/L	U	1150
bis(2-ethylhexyl) phthalate	117-81-7	U	11600	1160	ug/L	U	1150
Butyl benzyl phthalate	85-68-7	U	11600	1160	ug/L	U	1150

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-001** Date Collected: **Nov-12-08 15:00** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-18-08 13:53 Analyst: KAN Date Prep: Dec-15-08 10:24 Tech: 5458
Seq Number: 743960

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	11600	1160	ug/L	U	1150
Chrysene	218-01-9	U	11600	1160	ug/L	U	1150
Dibenz(a,h)anthracene	53-70-3	U	11600	1160	ug/L	U	1150
Dibenzofuran	132-64-9	U	11600	1160	ug/L	U	1150
Diethyl Phthalate	84-66-2	U	11600	1160	ug/L	U	1150
Dimethyl Phthalate	131-11-3	U	11600	1160	ug/L	U	1150
di-n-Butyl Phthalate	84-74-2	U	11600	3070	ug/L	U	1150
di-n-Octyl Phthalate	117-84-0	U	11600	1160	ug/L	U	1150
Fluoranthene	206-44-0	U	11600	1160	ug/L	U	1150
Fluorene	86-73-7	U	11600	1160	ug/L	U	1150
Hexachlorobenzene	118-74-1	U	11600	1160	ug/L	U	1150
Hexachlorobutadiene	87-68-3	U	11600	1160	ug/L	U	1150
Hexachlorocyclopentadiene	77-47-4	U	11600	1160	ug/L	U	1150
Hexachloroethane	67-72-1	U	11600	1160	ug/L	U	1150
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	11600	1160	ug/L	U	1150
Isophorone	78-59-1	U	11600	1560	ug/L	U	1150
Naphthalene	91-20-3	U	11600	1160	ug/L	U	1150
Nitrobenzene	98-95-3	U	11600	1160	ug/L	U	1150
N-Nitrosodi-n-Propylamine	621-64-7	U	11600	1160	ug/L	U	1150
N-Nitrosodiphenylamine	86-30-6	U	11600	1970	ug/L	U	1150
Pentachlorophenol	87-86-5	U	23300	1160	ug/L	U	1150
Phenanthrene	85-01-8	U	11600	1440	ug/L	U	1150
Phenol	108-95-2	U	11600	1160	ug/L	U	1150
Pyrene	129-00-0	U	11600	1160	ug/L	U	1150

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 12:09 Analyst: ANI Date Prep: Dec-17-08 08:03 Tech: ANI
Seq Number: 743957

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	50	7.5	mg/kg	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 16:36 Analyst: BRZ Date Prep: Nov-21-08 15:30 Tech: 5458
Seq Number: 741604

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	12	1.5	0.13	mg/L	D	5

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-001** Date Collected: **Nov-12-08 15:00** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 14:54 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124
Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1300	190	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	1300	300	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1300	280	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	1300	170	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	1300	200	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	1300	290	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	1300	220	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1300	400	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	1300	220	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	1300	320	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	1300	150	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	1300	230	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	1300	250	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	1300	170	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	13000	2300	ug/kg	U	50
2-Hexanone	591-78-6	U	13000	280	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	13000	810	ug/kg	U	50
Acetone	67-64-1	U	13000	1700	ug/kg	U	50
Benzene	71-43-2	U	1300	130	ug/kg	U	50
Bromodichloromethane	75-27-4	U	1300	130	ug/kg	U	50
Bromoform	75-25-2	U	1300	240	ug/kg	U	50
Bromomethane	74-83-9	U	1300	610	ug/kg	U	50
Carbon disulfide	75-15-0	U	1300	360	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	1300	190	ug/kg	U	50
Chlorobenzene	108-90-7	U	2500	140	ug/kg	U	50
Chloroethane	75-00-3	U	1300	610	ug/kg	U	50
Chloroform	67-66-3	U	1300	190	ug/kg	U	50
Chloromethane	74-87-3	U	1300	580	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	1300	170	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	1300	130	ug/kg	U	50
Cyclohexane	110-82-7	U	1300	240	ug/kg	U	50
Dibromochloromethane	124-48-1	U	1300	250	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	1300	300	ug/kg	U	50
Ethylbenzene	100-41-4	U	1300	140	ug/kg	U	50
Isopropylbenzene	98-82-8	U	1300	190	ug/kg	U	50
m,p-Xylenes	179601-23-1	420	2500	300	ug/kg	J	50
Methyl acetate	79-20-9	U	1300	240	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	1300	170	ug/kg	U	50
Methylcyclohexane	108-87-2	U	1300	270	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-001**	Date Collected: **Nov-12-08 15:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 14:54 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124

Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	1100	1300	540	ug/kg	J	50
o-Xylene	95-47-6	230	1300	180	ug/kg	J	50
Styrene	100-42-5	U	1300	190	ug/kg	U	50
Tetrachloroethene	127-18-4	U	1300	260	ug/kg	U	50
Toluene	108-88-3	U	1300	150	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	1300	200	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	1300	170	ug/kg	U	50
Trichloroethene	79-01-6	U	1300	180	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	1300	880	ug/kg	U	50
Vinyl chloride	75-01-4	U	1300	500	ug/kg	U	50
Xylenes, Total	1330-20-7	650	1300		ug/kg	J	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-1**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-002**	Date Collected: **Nov-12-08 15:10**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:00 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0490	0.0029	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 03:38 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	840	94	ug/kg	U	1
PCB-1221	11104-28-2	U	840	87	ug/kg	U	1
PCB-1232	11141-16-5	U	840	85	ug/kg	U	1
PCB-1242	53469-21-9	U	840	93	ug/kg	U	1
PCB-1248	12672-29-6	U	840	89	ug/kg	U	1
PCB-1254	11097-69-1	U	840	96	ug/kg	U	1
PCB-1260	11096-82-5	U	840	110	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:18 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.76	0.588	mg/kg	U	1
Barium	7440-39-3	U	4.76	0.146	mg/kg	U	1
Cadmium	7440-43-9	U	0.476	0.020	mg/kg	U	1
Chromium	7440-47-3	0.314	4.76	0.091	mg/kg	J	1
Lead	7439-92-1	U	4.76	0.286	mg/kg	U	1
Selenium	7782-49-2	U	4.76	0.910	mg/kg	U	1
Silver	7440-22-4	U	4.76	0.045	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-1**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-002**	Date Collected: **Nov-12-08 15:10**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	6.20		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-1**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-002**	Date Collected: **Nov-12-08 15:10**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 18:01 Analyst: KAN Date Prep: Dec-08-08 10:09 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	87.7	8.77	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	87.7	8.77	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	87.7	8.77	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	87.7	9.89	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	87.7	8.77	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	87.7	9.68	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	87.7	8.77	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	87.7	8.77	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	175	8.77	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	87.7	11.5	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	87.7	8.77	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	87.7	8.77	mg/kg	U	1
2-Chlorophenol	95-57-8	U	87.7	8.77	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	87.7	9.21	mg/kg	U	1
2-methylphenol	95-48-7	U	87.7	10.9	mg/kg	U	1
2-Nitroaniline	88-74-4	U	175	9.16	mg/kg	U	1
2-Nitrophenol	88-75-5	U	87.7	8.77	mg/kg	U	1
3&4-Methylphenol		U	175	17.8	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	175	16.8	mg/kg	U	1
3-Nitroaniline	99-09-2	U	175	18.6	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	175	9.93	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	87.7	11.9	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	87.7	10.7	mg/kg	U	1
4-Chloroaniline	106-47-8	U	175	8.77	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	87.7	8.77	mg/kg	U	1
4-Nitroaniline	100-01-6	U	175	14.7	mg/kg	U	1
4-Nitrophenol	100-02-7	U	175	15.2	mg/kg	U	1
Acenaphthene	83-32-9	U	87.7	8.77	mg/kg	U	1
Acenaphthylene	208-96-8	U	87.7	8.77	mg/kg	U	1
Anthracene	120-12-7	U	87.7	11.7	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	87.7	8.77	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	87.7	8.77	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	87.7	8.77	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	87.7	8.77	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	87.7	8.94	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	87.7	8.77	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	87.7	8.77	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	87.7	8.77	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	87.7	10.1	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-1** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-002** Date Collected: **Nov-12-08 15:10** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 18:01 Analyst: KAN Date Prep: Dec-08-08 10:09 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	87.7	10.8	mg/kg	U	1
Chrysene	218-01-9	U	87.7	8.77	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	87.7	10.6	mg/kg	U	1
Dibenzofuran	132-64-9	U	87.7	9.72	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	87.7	8.77	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	87.7	9.98	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	87.7	8.77	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	87.7	8.77	mg/kg	U	1
Fluoranthene	206-44-0	U	87.7	9.67	mg/kg	U	1
Fluorene	86-73-7	U	87.7	8.77	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	87.7	8.86	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	87.7	8.77	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	87.7	8.77	mg/kg	U	1
Hexachloroethane	67-72-1	U	87.7	9.39	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	87.7	12.8	mg/kg	U	1
Isophorone	78-59-1	U	87.7	14.2	mg/kg	U	1
Naphthalene	91-20-3	U	87.7	9.39	mg/kg	U	1
Nitrobenzene	98-95-3	U	87.7	8.77	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	87.7	8.77	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	87.7	10.6	mg/kg	U	1
Pentachlorophenol	87-86-5	U	175	12.5	mg/kg	U	1
Phenanthrene	85-01-8	U	87.7	8.77	mg/kg	U	1
Phenol	108-95-2	U	87.7	8.77	mg/kg	U	1
Pyrene	129-00-0	U	87.7	10.0	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 23:20 Analyst: ANI Date Prep: Dec-15-08 18:14 Tech: ANI
Seq Number: 743625

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	74	11	mg/kg	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 17:10 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	36000	2800	320	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-1** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-002** Date Collected: **Nov-12-08 15:10** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 16:00 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743433

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	930	140	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	930	220	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	930	210	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	930	120	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	930	150	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	930	220	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	930	160	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	930	300	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	930	160	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	930	240	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	930	110	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	930	170	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	930	190	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	930	130	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	9300	1700	ug/kg	U	50
2-Hexanone	591-78-6	U	9300	210	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	9300	600	ug/kg	U	50
Acetone	67-64-1	U	9300	1300	ug/kg	U	50
Benzene	71-43-2	U	930	95	ug/kg	U	50
Bromodichloromethane	75-27-4	U	930	93	ug/kg	U	50
Bromoform	75-25-2	U	930	180	ug/kg	U	50
Bromomethane	74-83-9	U	930	460	ug/kg	U	50
Carbon disulfide	75-15-0	U	930	270	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	930	140	ug/kg	U	50
Chlorobenzene	108-90-7	U	1900	110	ug/kg	U	50
Chloroethane	75-00-3	U	930	450	ug/kg	U	50
Chloroform	67-66-3	U	930	140	ug/kg	U	50
Chloromethane	74-87-3	U	930	430	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	930	120	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	930	100	ug/kg	U	50
Cyclohexane	110-82-7	U	930	180	ug/kg	U	50
Dibromochloromethane	124-48-1	U	930	180	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	930	220	ug/kg	U	50
Ethylbenzene	100-41-4	U	930	100	ug/kg	U	50
Isopropylbenzene	98-82-8	U	930	140	ug/kg	U	50
m,p-Xylenes	179601-23-1	300	1900	220	ug/kg	J	50
Methyl acetate	79-20-9	U	930	180	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	930	130	ug/kg	U	50
Methylcyclohexane	108-87-2	U	930	200	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-1**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-002**	Date Collected: **Nov-12-08 15:10**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 16:00 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI

Seq Number: 743433

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	1700	930	400	ug/kg		50
o-Xylene	95-47-6	180	930	130	ug/kg	J	50
Styrene	100-42-5	U	930	140	ug/kg	U	50
Tetrachloroethene	127-18-4	U	930	190	ug/kg	U	50
Toluene	108-88-3	U	930	110	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	930	140	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	930	120	ug/kg	U	50
Trichloroethene	79-01-6	U	930	130	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	930	650	ug/kg	U	50
Vinyl chloride	75-01-4	U	930	370	ug/kg	U	50
Xylenes, Total	1330-20-7	480	930		ug/kg	J	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-02XX**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-003**	Date Collected: **Nov-12-08 15:15**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-28-08 23:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744832

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 18:06 Analyst: 4150 Date Prep: Nov-20-08 15:07 Tech: ABA
Seq Number: 741301

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 04:02 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	820	92	ug/kg	U	1
PCB-1221	11104-28-2	U	820	85	ug/kg	U	1
PCB-1232	11141-16-5	U	820	83	ug/kg	U	1
PCB-1242	53469-21-9	U	820	91	ug/kg	U	1
PCB-1248	12672-29-6	U	820	87	ug/kg	U	1
PCB-1254	11097-69-1	U	820	94	ug/kg	U	1
PCB-1260	11096-82-5	U	820	100	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 18:58 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	0.005	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.007	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.003	0.010	0.002	mg/L	J	1
Selenium	7782-49-2	0.013	0.010	0.008	mg/L		1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-02XX**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-003**	Date Collected: **Nov-12-08 15:15**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.80		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-02XX** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-003** Date Collected: **Nov-12-08 15:15** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 18:41 Analyst: KAN Date Prep: Dec-08-08 10:12 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	88.5	8.85	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	88.5	8.85	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	88.5	8.85	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	88.5	9.97	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	88.5	8.85	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	88.5	9.76	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	88.5	8.85	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	88.5	8.85	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	177	8.85	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	88.5	11.6	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	88.5	8.85	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	88.5	8.85	mg/kg	U	1
2-Chlorophenol	95-57-8	U	88.5	8.85	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	88.5	9.29	mg/kg	U	1
2-methylphenol	95-48-7	U	88.5	11.0	mg/kg	U	1
2-Nitroaniline	88-74-4	U	177	9.24	mg/kg	U	1
2-Nitrophenol	88-75-5	U	88.5	8.85	mg/kg	U	1
3&4-Methylphenol		U	177	17.9	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	177	16.9	mg/kg	U	1
3-Nitroaniline	99-09-2	U	177	18.8	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	177	10.0	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	88.5	12.0	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	88.5	10.8	mg/kg	U	1
4-Chloroaniline	106-47-8	U	177	8.85	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	88.5	8.85	mg/kg	U	1
4-Nitroaniline	100-01-6	U	177	14.9	mg/kg	U	1
4-Nitrophenol	100-02-7	U	177	15.4	mg/kg	U	1
Acenaphthene	83-32-9	U	88.5	8.85	mg/kg	U	1
Acenaphthylene	208-96-8	U	88.5	8.85	mg/kg	U	1
Anthracene	120-12-7	U	88.5	11.8	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	88.5	8.85	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	88.5	8.85	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	88.5	8.85	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	88.5	8.85	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	88.5	9.02	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	88.5	8.85	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	88.5	8.85	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	88.5	8.85	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	88.5	10.2	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-02XX** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-003** Date Collected: **Nov-12-08 15:15** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 18:41 Analyst: KAN Date Prep: Dec-08-08 10:12 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	88.5	10.9	mg/kg	U	1
Chrysene	218-01-9	U	88.5	8.85	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	88.5	10.7	mg/kg	U	1
Dibenzofuran	132-64-9	U	88.5	9.81	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	88.5	8.85	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	88.5	10.1	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	88.5	8.85	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	88.5	8.85	mg/kg	U	1
Fluoranthene	206-44-0	U	88.5	9.75	mg/kg	U	1
Fluorene	86-73-7	U	88.5	8.85	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	88.5	8.94	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	88.5	8.85	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	88.5	8.85	mg/kg	U	1
Hexachloroethane	67-72-1	U	88.5	9.47	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	88.5	12.9	mg/kg	U	1
Isophorone	78-59-1	U	88.5	14.3	mg/kg	U	1
Naphthalene	91-20-3	U	88.5	9.47	mg/kg	U	1
Nitrobenzene	98-95-3	U	88.5	8.85	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	88.5	8.85	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	88.5	10.7	mg/kg	U	1
Pentachlorophenol	87-86-5	U	177	12.6	mg/kg	U	1
Phenanthrene	85-01-8	U	88.5	8.85	mg/kg	U	1
Phenol	108-95-2	U	88.5	8.85	mg/kg	U	1
Pyrene	129-00-0	U	88.5	10.1	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 12:40 Analyst: ANI Date Prep: Dec-17-08 08:03 Tech: ANI
Seq Number: 743957

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	33	83	12	mg/kg	J	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-09-08 00:43 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	170000	27000	3100	mg/kg		10

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-02XX** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-003** Date Collected: **Nov-12-08 15:15** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 15:23 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124
Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	2100	310	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	2100	490	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	2100	460	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	2100	280	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	2100	330	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	2100	480	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	2100	360	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	2100	670	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	2100	360	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	2100	530	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	2100	250	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	2100	380	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	2100	410	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	2100	280	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	21000	3800	ug/kg	U	50
2-Hexanone	591-78-6	U	21000	470	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	21000	1300	ug/kg	U	50
Acetone	67-64-1	U	21000	2800	ug/kg	U	50
Benzene	71-43-2	U	2100	210	ug/kg	U	50
Bromodichloromethane	75-27-4	U	2100	210	ug/kg	U	50
Bromoform	75-25-2	U	2100	400	ug/kg	U	50
Bromomethane	74-83-9	U	2100	1000	ug/kg	U	50
Carbon disulfide	75-15-0	U	2100	600	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	2100	310	ug/kg	U	50
Chlorobenzene	108-90-7	U	4100	240	ug/kg	U	50
Chloroethane	75-00-3	U	2100	1000	ug/kg	U	50
Chloroform	67-66-3	U	2100	310	ug/kg	U	50
Chloromethane	74-87-3	U	2100	950	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	2100	270	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	2100	220	ug/kg	U	50
Cyclohexane	110-82-7	U	2100	390	ug/kg	U	50
Dibromochloromethane	124-48-1	U	2100	410	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	2100	490	ug/kg	U	50
Ethylbenzene	100-41-4	U	2100	230	ug/kg	U	50
Isopropylbenzene	98-82-8	U	2100	310	ug/kg	U	50
m,p-Xylenes	179601-23-1	620	4100	500	ug/kg	J	50
Methyl acetate	79-20-9	U	2100	390	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	2100	290	ug/kg	U	50
Methylcyclohexane	108-87-2	U	2100	450	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-02XX**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-003**	Date Collected: **Nov-12-08 15:15**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 15:23 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124

Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	3400	2100	890	ug/kg		50
o-Xylene	95-47-6	380	2100	300	ug/kg	J	50
Styrene	100-42-5	U	2100	310	ug/kg	U	50
Tetrachloroethene	127-18-4	U	2100	430	ug/kg	U	50
Toluene	108-88-3	1300	2100	240	ug/kg	J	50
trans-1,2-Dichloroethene	156-60-5	U	2100	320	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	2100	280	ug/kg	U	50
Trichloroethene	79-01-6	U	2100	290	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	2100	1500	ug/kg	U	50
Vinyl chloride	75-01-4	U	2100	830	ug/kg	U	50
Xylenes, Total	1330-20-7	1000	2100		ug/kg	J	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-03XX**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-004**	Date Collected: **Nov-12-08 15:20**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 18:09 Analyst: 4150 Date Prep: Nov-20-08 15:07 Tech: ABA
Seq Number: 741301

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 04:26 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1000	110	ug/kg	U	1
PCB-1221	11104-28-2	U	1000	100	ug/kg	U	1
PCB-1232	11141-16-5	U	1000	100	ug/kg	U	1
PCB-1242	53469-21-9	U	1000	110	ug/kg	U	1
PCB-1248	12672-29-6	U	1000	110	ug/kg	U	1
PCB-1254	11097-69-1	U	1000	110	ug/kg	U	1
PCB-1260	11096-82-5	U	1000	130	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 18:59 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.010	0.010	0.007	mg/L	J	1
Barium	7440-39-3	0.005	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.008	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.005	0.010	0.002	mg/L	J	1
Selenium	7782-49-2	0.008	0.010	0.008	mg/L	J	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-03XX**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-004**	Date Collected: **Nov-12-08 15:20**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	6.50		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-03XX**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-004**	Date Collected: **Nov-12-08 15:20**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 19:20 Analyst: KAN Date Prep: Dec-08-08 10:15 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	95.2	9.52	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	95.2	9.52	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	95.2	9.52	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	95.2	10.7	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	95.2	9.52	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	95.2	10.5	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	95.2	9.52	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	95.2	9.52	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	190	9.52	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	95.2	12.5	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	95.2	9.52	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	95.2	9.52	mg/kg	U	1
2-Chlorophenol	95-57-8	U	95.2	9.52	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	95.2	10.0	mg/kg	U	1
2-methylphenol	95-48-7	U	95.2	11.8	mg/kg	U	1
2-Nitroaniline	88-74-4	U	190	9.94	mg/kg	U	1
2-Nitrophenol	88-75-5	U	95.2	9.52	mg/kg	U	1
3&4-Methylphenol		U	190	19.3	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	190	18.2	mg/kg	U	1
3-Nitroaniline	99-09-2	U	190	20.2	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	190	10.8	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	95.2	12.9	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	95.2	11.6	mg/kg	U	1
4-Chloroaniline	106-47-8	U	190	9.52	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	95.2	9.52	mg/kg	U	1
4-Nitroaniline	100-01-6	U	190	16.0	mg/kg	U	1
4-Nitrophenol	100-02-7	U	190	16.5	mg/kg	U	1
Acenaphthene	83-32-9	U	95.2	9.52	mg/kg	U	1
Acenaphthylene	208-96-8	U	95.2	9.52	mg/kg	U	1
Anthracene	120-12-7	U	95.2	12.7	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	95.2	9.52	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	95.2	9.52	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	95.2	9.52	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	95.2	9.52	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	95.2	9.70	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	95.2	9.52	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	95.2	9.52	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	95.2	9.52	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	95.2	10.9	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-03XX** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-004** Date Collected: **Nov-12-08 15:20** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 19:20 Analyst: KAN Date Prep: Dec-08-08 10:15 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	95.2	11.7	mg/kg	U	1
Chrysene	218-01-9	U	95.2	9.52	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	95.2	11.6	mg/kg	U	1
Dibenzofuran	132-64-9	U	95.2	10.6	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	95.2	9.52	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	95.2	10.8	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	95.2	9.52	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	95.2	9.52	mg/kg	U	1
Fluoranthene	206-44-0	U	95.2	10.5	mg/kg	U	1
Fluorene	86-73-7	U	95.2	9.52	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	95.2	9.62	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	95.2	9.52	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	95.2	9.52	mg/kg	U	1
Hexachloroethane	67-72-1	U	95.2	10.2	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	95.2	13.9	mg/kg	U	1
Isophorone	78-59-1	U	95.2	15.4	mg/kg	U	1
Naphthalene	91-20-3	U	95.2	10.2	mg/kg	U	1
Nitrobenzene	98-95-3	U	95.2	9.52	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	95.2	9.52	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	95.2	11.5	mg/kg	U	1
Pentachlorophenol	87-86-5	U	190	13.6	mg/kg	U	1
Phenanthrene	85-01-8	U	95.2	9.52	mg/kg	U	1
Phenol	108-95-2	U	95.2	9.52	mg/kg	U	1
Pyrene	129-00-0	U	95.2	10.9	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 13:11 Analyst: ANI Date Prep: Dec-17-08 08:03 Tech: ANI
Seq Number: 743957

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	49	69	10	mg/kg	J	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-09-08 01:08 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	870000	27000	3100	mg/kg		10

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-03XX** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-004** Date Collected: **Nov-12-08 15:20** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 15:51 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124
Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1700	260	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	1700	410	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1700	390	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	1700	230	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	1700	280	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	1700	400	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	1700	300	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1700	560	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	1700	300	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	1700	450	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	1700	210	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	1700	320	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	1700	350	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	1700	240	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	17000	3200	ug/kg	U	50
2-Hexanone	591-78-6	U	17000	390	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	17000	1100	ug/kg	U	50
Acetone	67-64-1	U	17000	2400	ug/kg	U	50
Benzene	71-43-2	U	1700	180	ug/kg	U	50
Bromodichloromethane	75-27-4	U	1700	170	ug/kg	U	50
Bromoform	75-25-2	U	1700	330	ug/kg	U	50
Bromomethane	74-83-9	U	1700	850	ug/kg	U	50
Carbon disulfide	75-15-0	U	1700	510	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	1700	260	ug/kg	U	50
Chlorobenzene	108-90-7	U	3500	200	ug/kg	U	50
Chloroethane	75-00-3	U	1700	850	ug/kg	U	50
Chloroform	67-66-3	U	1700	260	ug/kg	U	50
Chloromethane	74-87-3	U	1700	800	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	1700	230	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	1700	190	ug/kg	U	50
Cyclohexane	110-82-7	U	1700	330	ug/kg	U	50
Dibromochloromethane	124-48-1	U	1700	350	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	1700	410	ug/kg	U	50
Ethylbenzene	100-41-4	U	1700	200	ug/kg	U	50
Isopropylbenzene	98-82-8	U	1700	260	ug/kg	U	50
m,p-Xylenes	179601-23-1	470	3500	420	ug/kg	J	50
Methyl acetate	79-20-9	U	1700	330	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	1700	240	ug/kg	U	50
Methylcyclohexane	108-87-2	U	1700	380	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-03XX**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-004**	Date Collected: **Nov-12-08 15:20**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 15:51 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124

Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	4300	1700	750	ug/kg		50
o-Xylene	95-47-6	280	1700	250	ug/kg	J	50
Styrene	100-42-5	U	1700	260	ug/kg	U	50
Tetrachloroethene	127-18-4	U	1700	360	ug/kg	U	50
Toluene	108-88-3	1200	1700	200	ug/kg	J	50
trans-1,2-Dichloroethene	156-60-5	U	1700	270	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	1700	230	ug/kg	U	50
Trichloroethene	79-01-6	U	1700	250	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	1700	1200	ug/kg	U	50
Vinyl chloride	75-01-4	U	1700	700	ug/kg	U	50
Xylenes, Total	1330-20-7	750	1700		ug/kg	J	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-10X**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-005**	Date Collected: **Nov-12-08 15:25**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 14:41 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741491

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 12:47 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 04:49 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	860	96	ug/kg	U	1
PCB-1221	11104-28-2	U	860	89	ug/kg	U	1
PCB-1232	11141-16-5	U	860	87	ug/kg	U	1
PCB-1242	53469-21-9	U	860	95	ug/kg	U	1
PCB-1248	12672-29-6	U	860	91	ug/kg	U	1
PCB-1254	11097-69-1	U	860	98	ug/kg	U	1
PCB-1260	11096-82-5	U	860	110	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:33 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	2.61	4.95	0.611	mg/kg	J	1
Barium	7440-39-3	0.238	4.95	0.151	mg/kg	J	1
Cadmium	7440-43-9	U	0.495	0.021	mg/kg	U	1
Chromium	7440-47-3	0.733	4.95	0.095	mg/kg	J	1
Lead	7439-92-1	U	4.95	0.297	mg/kg	U	1
Selenium	7782-49-2	3.90	4.95	0.947	mg/kg	J	1
Silver	7440-22-4	U	4.95	0.047	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-10X**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-005**	Date Collected: **Nov-12-08 15:25**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	4.20		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-10X** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-005** Date Collected: **Nov-12-08 15:25** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 19:59 Analyst: KAN Date Prep: Dec-08-08 10:18 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	86.2	8.62	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	86.2	8.62	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	86.2	8.62	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	86.2	9.72	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	86.2	8.62	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	86.2	9.51	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	86.2	8.62	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	86.2	8.62	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	172	8.62	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	86.2	11.3	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	86.2	8.62	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	86.2	8.62	mg/kg	U	1
2-Chlorophenol	95-57-8	U	86.2	8.62	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	86.2	9.05	mg/kg	U	1
2-methylphenol	95-48-7	U	86.2	10.7	mg/kg	U	1
2-Nitroaniline	88-74-4	U	172	9.00	mg/kg	U	1
2-Nitrophenol	88-75-5	U	86.2	8.62	mg/kg	U	1
3&4-Methylphenol		U	172	17.4	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	172	16.5	mg/kg	U	1
3-Nitroaniline	99-09-2	U	172	18.3	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	172	9.76	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	86.2	11.7	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	86.2	10.5	mg/kg	U	1
4-Chloroaniline	106-47-8	U	172	8.62	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	86.2	8.62	mg/kg	U	1
4-Nitroaniline	100-01-6	U	172	14.5	mg/kg	U	1
4-Nitrophenol	100-02-7	U	172	15.0	mg/kg	U	1
Acenaphthene	83-32-9	U	86.2	8.62	mg/kg	U	1
Acenaphthylene	208-96-8	U	86.2	8.62	mg/kg	U	1
Anthracene	120-12-7	U	86.2	11.5	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	86.2	8.62	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	86.2	8.62	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	86.2	8.62	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	86.2	8.62	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	86.2	8.78	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	86.2	8.62	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	86.2	8.62	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	86.2	8.62	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	86.2	9.89	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-10X** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-005** Date Collected: **Nov-12-08 15:25** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 19:59 Analyst: KAN Date Prep: Dec-08-08 10:18 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	86.2	10.6	mg/kg	U	1
Chrysene	218-01-9	U	86.2	8.62	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	86.2	10.5	mg/kg	U	1
Dibenzofuran	132-64-9	U	86.2	9.55	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	86.2	8.62	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	86.2	9.81	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	86.2	8.62	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	86.2	8.62	mg/kg	U	1
Fluoranthene	206-44-0	U	86.2	9.50	mg/kg	U	1
Fluorene	86-73-7	U	86.2	8.62	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	86.2	8.71	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	86.2	8.62	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	86.2	8.62	mg/kg	U	1
Hexachloroethane	67-72-1	U	86.2	9.22	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	86.2	12.6	mg/kg	U	1
Isophorone	78-59-1	U	86.2	14.0	mg/kg	U	1
Naphthalene	91-20-3	U	86.2	9.22	mg/kg	U	1
Nitrobenzene	98-95-3	U	86.2	8.62	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	86.2	8.62	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	86.2	10.4	mg/kg	U	1
Pentachlorophenol	87-86-5	U	172	12.3	mg/kg	U	1
Phenanthrene	85-01-8	U	86.2	8.62	mg/kg	U	1
Phenol	108-95-2	U	86.2	8.62	mg/kg	U	1
Pyrene	129-00-0	U	86.2	9.83	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-16-08 00:52 Analyst: ANI Date Prep: Dec-15-08 18:14 Tech: ANI
Seq Number: 743625

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	45	6.8	mg/kg	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 18:26 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	760	2700	310	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-10X** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-005** Date Collected: **Nov-12-08 15:25** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-11-08 17:31 Analyst: 4124 Date Prep: Dec-11-08 09:23 Tech: 4124
Seq Number: 743324

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1100	170	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	1100	270	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1100	250	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	1100	150	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	1100	180	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	1100	260	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	1100	200	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1100	360	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	1100	190	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	1100	290	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	1100	130	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	1100	210	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	1100	220	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	1100	150	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	11000	2000	ug/kg	U	50
2-Hexanone	591-78-6	U	11000	250	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	11000	730	ug/kg	U	50
Acetone	67-64-1	U	11000	1500	ug/kg	U	50
Benzene	71-43-2	U	1100	120	ug/kg	U	50
Bromodichloromethane	75-27-4	U	1100	110	ug/kg	U	50
Bromoform	75-25-2	U	1100	220	ug/kg	U	50
Bromomethane	74-83-9	U	1100	550	ug/kg	U	50
Carbon disulfide	75-15-0	U	1100	330	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	1100	170	ug/kg	U	50
Chlorobenzene	108-90-7	U	2300	130	ug/kg	U	50
Chloroethane	75-00-3	U	1100	550	ug/kg	U	50
Chloroform	67-66-3	U	1100	170	ug/kg	U	50
Chloromethane	74-87-3	U	1100	520	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	1100	150	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	1100	120	ug/kg	U	50
Cyclohexane	110-82-7	U	1100	210	ug/kg	U	50
Dibromochloromethane	124-48-1	U	1100	220	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	1100	270	ug/kg	U	50
Ethylbenzene	100-41-4	U	1100	130	ug/kg	U	50
Isopropylbenzene	98-82-8	U	1100	170	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	2300	270	ug/kg	U	50
Methyl acetate	79-20-9	U	1100	210	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	1100	160	ug/kg	U	50
Methylcyclohexane	108-87-2	U	1100	250	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-10X**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-005**	Date Collected: **Nov-12-08 15:25**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-11-08 17:31 Analyst: 4124 Date Prep: Dec-11-08 09:23 Tech: 4124

Seq Number: 743324

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1100	490	ug/kg	U	50
o-Xylene	95-47-6	U	1100	160	ug/kg	U	50
Styrene	100-42-5	U	1100	170	ug/kg	U	50
Tetrachloroethene	127-18-4	U	1100	230	ug/kg	U	50
Toluene	108-88-3	U	1100	130	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	1100	180	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	1100	150	ug/kg	U	50
Trichloroethene	79-01-6	U	1100	160	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	1100	790	ug/kg	U	50
Vinyl chloride	75-01-4	U	1100	450	ug/kg	U	50
Xylenes, Total	1330-20-7	U	1100		ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-14X**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-006**	Date Collected: **Nov-12-08 15:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 18:12 Analyst: 4150 Date Prep: Nov-20-08 15:07 Tech: ABA
Seq Number: 741301

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-05-08 14:02 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	89	10	ug/kg	U	1
PCB-1221	11104-28-2	U	89	9.3	ug/kg	U	1
PCB-1232	11141-16-5	U	89	9.0	ug/kg	U	1
PCB-1242	53469-21-9	U	89	9.9	ug/kg	U	1
PCB-1248	12672-29-6	U	89	9.4	ug/kg	U	1
PCB-1254	11097-69-1	U	89	10	ug/kg	U	1
PCB-1260	11096-82-5	U	89	11	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:01 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.866	0.100	0.067	mg/L		1
Barium	7440-39-3	0.531	0.500	0.023	mg/L		1
Cadmium	7440-43-9	U	0.050	0.001	mg/L	U	1
Chromium	7440-47-3	0.751	0.500	0.004	mg/L		1
Lead	7439-92-1	0.191	0.100	0.019	mg/L		1
Selenium	7782-49-2	0.839	0.100	0.077	mg/L		1
Silver	7440-22-4	U	0.500	0.007	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-14X**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-006**	Date Collected: **Nov-12-08 15:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	4.30		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-14X**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-006**	Date Collected: **Nov-12-08 15:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-12-08 22:47 Analyst: KAN Date Prep: Dec-08-08 14:09 Tech: KAN

Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	78.1	7.81	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	78.1	7.81	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	78.1	7.81	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	78.1	8.80	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	78.1	7.81	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	78.1	8.62	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	78.1	7.81	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	78.1	7.81	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	156	7.81	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	78.1	10.2	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	78.1	7.81	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	78.1	7.81	mg/kg	U	1
2-Chlorophenol	95-57-8	U	78.1	7.81	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	78.1	8.20	mg/kg	U	1
2-methylphenol	95-48-7	U	78.1	9.72	mg/kg	U	1
2-Nitroaniline	88-74-4	U	156	8.16	mg/kg	U	1
2-Nitrophenol	88-75-5	U	78.1	7.81	mg/kg	U	1
3&4-Methylphenol		U	156	15.8	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	156	14.9	mg/kg	U	1
3-Nitroaniline	99-09-2	U	156	16.6	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	156	8.84	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	78.1	10.6	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	78.1	9.53	mg/kg	U	1
4-Chloroaniline	106-47-8	U	156	7.81	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	78.1	7.81	mg/kg	U	1
4-Nitroaniline	100-01-6	U	156	13.1	mg/kg	U	1
4-Nitrophenol	100-02-7	U	156	13.6	mg/kg	U	1
Acenaphthene	83-32-9	U	78.1	7.81	mg/kg	U	1
Acenaphthylene	208-96-8	U	78.1	7.81	mg/kg	U	1
Anthracene	120-12-7	U	78.1	10.5	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	78.1	7.81	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	78.1	7.81	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	78.1	7.81	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	78.1	7.81	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	78.1	7.96	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	78.1	7.81	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	78.1	7.81	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	78.1	7.81	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	78.1	8.96	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-14X** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-006** Date Collected: **Nov-12-08 15:30** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-12-08 22:47 Analyst: KAN Date Prep: Dec-08-08 14:09 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	78.1	9.62	mg/kg	U	1
Chrysene	218-01-9	U	78.1	7.81	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	78.1	9.48	mg/kg	U	1
Dibenzofuran	132-64-9	U	78.1	8.66	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	78.1	7.81	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	78.1	8.89	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	78.1	7.81	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	78.1	7.81	mg/kg	U	1
Fluoranthene	206-44-0	U	78.1	8.61	mg/kg	U	1
Fluorene	86-73-7	U	78.1	7.81	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	78.1	7.89	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	78.1	7.81	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	78.1	7.81	mg/kg	U	1
Hexachloroethane	67-72-1	U	78.1	8.36	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	78.1	11.4	mg/kg	U	1
Isophorone	78-59-1	U	78.1	12.7	mg/kg	U	1
Naphthalene	91-20-3	U	78.1	8.36	mg/kg	U	1
Nitrobenzene	98-95-3	U	78.1	7.81	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	78.1	7.81	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	78.1	9.41	mg/kg	U	1
Pentachlorophenol	87-86-5	U	156	11.1	mg/kg	U	1
Phenanthrene	85-01-8	U	78.1	7.81	mg/kg	U	1
Phenol	108-95-2	U	78.1	7.81	mg/kg	U	1
Pyrene	129-00-0	U	78.1	8.91	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 13:41 Analyst: ANI Date Prep: Dec-17-08 08:03 Tech: ANI
Seq Number: 743957

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	50	7.5	mg/kg	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 17:26 Analyst: BRZ Date Prep: Nov-21-08 15:30 Tech: 5458
Seq Number: 741604

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	0.80	0.50	0.043	mg/L		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-14X** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-006** Date Collected: **Nov-12-08 15:30** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 16:20 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124
Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1300	190	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	1300	300	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1300	280	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	1300	170	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	1300	200	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	1300	290	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	1300	220	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1300	400	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	1300	220	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	1300	320	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	1300	150	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	1300	230	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	1300	250	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	1300	170	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	13000	2300	ug/kg	U	50
2-Hexanone	591-78-6	U	13000	280	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	13000	810	ug/kg	U	50
Acetone	67-64-1	U	13000	1700	ug/kg	U	50
Benzene	71-43-2	U	1300	130	ug/kg	U	50
Bromodichloromethane	75-27-4	U	1300	130	ug/kg	U	50
Bromoform	75-25-2	U	1300	240	ug/kg	U	50
Bromomethane	74-83-9	U	1300	610	ug/kg	U	50
Carbon disulfide	75-15-0	U	1300	360	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	1300	190	ug/kg	U	50
Chlorobenzene	108-90-7	U	2500	140	ug/kg	U	50
Chloroethane	75-00-3	U	1300	610	ug/kg	U	50
Chloroform	67-66-3	U	1300	190	ug/kg	U	50
Chloromethane	74-87-3	U	1300	580	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	1300	170	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	1300	130	ug/kg	U	50
Cyclohexane	110-82-7	U	1300	240	ug/kg	U	50
Dibromochloromethane	124-48-1	U	1300	250	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	1300	300	ug/kg	U	50
Ethylbenzene	100-41-4	U	1300	140	ug/kg	U	50
Isopropylbenzene	98-82-8	U	1300	190	ug/kg	U	50
m,p-Xylenes	179601-23-1	380	2500	300	ug/kg	J	50
Methyl acetate	79-20-9	U	1300	240	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	1300	170	ug/kg	U	50
Methylcyclohexane	108-87-2	U	1300	270	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-14X**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-006**	Date Collected: **Nov-12-08 15:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 16:20 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124

Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	11000	1300	540	ug/kg		50
o-Xylene	95-47-6	200	1300	180	ug/kg	J	50
Styrene	100-42-5	U	1300	190	ug/kg	U	50
Tetrachloroethene	127-18-4	U	1300	260	ug/kg	U	50
Toluene	108-88-3	U	1300	150	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	1300	200	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	1300	170	ug/kg	U	50
Trichloroethene	79-01-6	U	1300	180	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	1300	880	ug/kg	U	50
Vinyl chloride	75-01-4	U	1300	500	ug/kg	U	50
Xylenes, Total	1330-20-7	580	1300		ug/kg	J	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-02**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-007**	Date Collected: **Nov-12-08 15:35**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 14:41 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741491

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:04 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0490	0.0029	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 05:13 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	970	110	ug/kg	U	1
PCB-1221	11104-28-2	U	970	100	ug/kg	U	1
PCB-1232	11141-16-5	U	970	98	ug/kg	U	1
PCB-1242	53469-21-9	U	970	110	ug/kg	U	1
PCB-1248	12672-29-6	U	970	100	ug/kg	U	1
PCB-1254	11097-69-1	U	970	110	ug/kg	U	1
PCB-1260	11096-82-5	U	970	120	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:35 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.67	0.577	mg/kg	U	1
Barium	7440-39-3	U	4.67	0.143	mg/kg	U	1
Cadmium	7440-43-9	U	0.467	0.020	mg/kg	U	1
Chromium	7440-47-3	0.140	4.67	0.090	mg/kg	J	1
Lead	7439-92-1	U	4.67	0.280	mg/kg	U	1
Selenium	7782-49-2	1.55	4.67	0.893	mg/kg	J	1
Silver	7440-22-4	U	4.67	0.044	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-02**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-007**	Date Collected: **Nov-12-08 15:35**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	5.50		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-02**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-007**	Date Collected: **Nov-12-08 15:35**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 20:38 Analyst: KAN Date Prep: Dec-08-08 10:24 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	96.2	9.62	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	96.2	9.62	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	96.2	9.62	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	96.2	10.8	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	96.2	9.62	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	96.2	10.6	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	96.2	9.62	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	96.2	9.62	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	192	9.62	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	96.2	12.6	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	96.2	9.62	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	96.2	9.62	mg/kg	U	1
2-Chlorophenol	95-57-8	U	96.2	9.62	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	96.2	10.1	mg/kg	U	1
2-methylphenol	95-48-7	U	96.2	12.0	mg/kg	U	1
2-Nitroaniline	88-74-4	U	192	10.0	mg/kg	U	1
2-Nitrophenol	88-75-5	U	96.2	9.62	mg/kg	U	1
3&4-Methylphenol		U	192	19.5	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	192	18.4	mg/kg	U	1
3-Nitroaniline	99-09-2	U	192	20.4	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	192	10.9	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	96.2	13.0	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	96.2	11.7	mg/kg	U	1
4-Chloroaniline	106-47-8	U	192	9.62	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	96.2	9.62	mg/kg	U	1
4-Nitroaniline	100-01-6	U	192	16.2	mg/kg	U	1
4-Nitrophenol	100-02-7	U	192	16.7	mg/kg	U	1
Acenaphthene	83-32-9	U	96.2	9.62	mg/kg	U	1
Acenaphthylene	208-96-8	U	96.2	9.62	mg/kg	U	1
Anthracene	120-12-7	U	96.2	12.9	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	96.2	9.62	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	96.2	9.62	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	96.2	9.62	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	96.2	9.62	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	96.2	9.80	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	96.2	9.62	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	96.2	9.62	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	96.2	9.62	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	96.2	11.0	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-02** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-007** Date Collected: **Nov-12-08 15:35** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 20:38 Analyst: KAN Date Prep: Dec-08-08 10:24 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	96.2	11.8	mg/kg	U	1
Chrysene	218-01-9	U	96.2	9.62	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	96.2	11.7	mg/kg	U	1
Dibenzofuran	132-64-9	U	96.2	10.7	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	96.2	9.62	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	96.2	10.9	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	96.2	9.62	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	96.2	9.62	mg/kg	U	1
Fluoranthene	206-44-0	U	96.2	10.6	mg/kg	U	1
Fluorene	86-73-7	U	96.2	9.62	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	96.2	9.71	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	96.2	9.62	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	96.2	9.62	mg/kg	U	1
Hexachloroethane	67-72-1	U	96.2	10.3	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	96.2	14.0	mg/kg	U	1
Isophorone	78-59-1	U	96.2	15.6	mg/kg	U	1
Naphthalene	91-20-3	U	96.2	10.3	mg/kg	U	1
Nitrobenzene	98-95-3	U	96.2	9.62	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	96.2	9.62	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	96.2	11.6	mg/kg	U	1
Pentachlorophenol	87-86-5	U	192	13.7	mg/kg	U	1
Phenanthrene	85-01-8	U	96.2	9.62	mg/kg	U	1
Phenol	108-95-2	U	96.2	9.62	mg/kg	U	1
Pyrene	129-00-0	U	96.2	11.0	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-16-08 00:22 Analyst: ANI Date Prep: Dec-15-08 18:14 Tech: ANI
Seq Number: 743625

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	42	6.3	mg/kg	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 18:51 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	1200	2500	290	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-02**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-007**	Date Collected: **Nov-12-08 15:35**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-11-08 18:00 Analyst: 4124 Date Prep: Dec-11-08 09:23 Tech: 4124

Seq Number: 743324

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1000	160	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	1000	250	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1000	230	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	1000	140	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	1000	170	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	1000	240	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	1000	180	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1000	340	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	1000	180	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	1000	270	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	1000	120	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	1000	190	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	1000	210	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	1000	140	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	10000	1900	ug/kg	U	50
2-Hexanone	591-78-6	U	10000	240	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	10000	680	ug/kg	U	50
Acetone	67-64-1	U	10000	1400	ug/kg	U	50
Benzene	71-43-2	U	1000	110	ug/kg	U	50
Bromodichloromethane	75-27-4	U	1000	100	ug/kg	U	50
Bromoform	75-25-2	U	1000	200	ug/kg	U	50
Bromomethane	74-83-9	U	1000	510	ug/kg	U	50
Carbon disulfide	75-15-0	U	1000	300	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	1000	150	ug/kg	U	50
Chlorobenzene	108-90-7	U	2100	120	ug/kg	U	50
Chloroethane	75-00-3	U	1000	510	ug/kg	U	50
Chloroform	67-66-3	U	1000	150	ug/kg	U	50
Chloromethane	74-87-3	U	1000	480	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	1000	140	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	1000	110	ug/kg	U	50
Cyclohexane	110-82-7	U	1000	200	ug/kg	U	50
Dibromochloromethane	124-48-1	U	1000	210	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	1000	250	ug/kg	U	50
Ethylbenzene	100-41-4	U	1000	120	ug/kg	U	50
Isopropylbenzene	98-82-8	U	1000	160	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	2100	250	ug/kg	U	50
Methyl acetate	79-20-9	U	1000	200	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	1000	140	ug/kg	U	50
Methylcyclohexane	108-87-2	U	1000	230	ug/kg	U	50

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Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-02**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-007**	Date Collected: **Nov-12-08 15:35**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-11-08 18:00 Analyst: 4124 Date Prep: Dec-11-08 09:23 Tech: 4124

Seq Number: 743324

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	1500	1000	450	ug/kg		50
o-Xylene	95-47-6	180	1000	150	ug/kg	J	50
Styrene	100-42-5	U	1000	150	ug/kg	U	50
Tetrachloroethene	127-18-4	U	1000	220	ug/kg	U	50
Toluene	108-88-3	U	1000	120	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	1000	160	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	1000	140	ug/kg	U	50
Trichloroethene	79-01-6	U	1000	150	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	1000	730	ug/kg	U	50
Vinyl chloride	75-01-4	U	1000	420	ug/kg	U	50
Xylenes, Total	1330-20-7	180	1000		ug/kg	J	50

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Sample Id: **Win-3**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-008**	Date Collected: **Nov-12-08 15:40**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 18:16 Analyst: 4150 Date Prep: Nov-20-08 15:07 Tech: ABA
Seq Number: 741301

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 05:37 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	940	110	ug/kg	U	1
PCB-1221	11104-28-2	U	940	98	ug/kg	U	1
PCB-1232	11141-16-5	U	940	95	ug/kg	U	1
PCB-1242	53469-21-9	U	940	100	ug/kg	U	1
PCB-1248	12672-29-6	U	940	100	ug/kg	U	1
PCB-1254	11097-69-1	U	940	110	ug/kg	U	1
PCB-1260	11096-82-5	U	940	120	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:04 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.100	0.067	mg/L	U	1
Barium	7440-39-3	U	0.500	0.023	mg/L	U	1
Cadmium	7440-43-9	U	0.050	0.001	mg/L	U	1
Chromium	7440-47-3	0.005	0.500	0.004	mg/L	J	1
Lead	7439-92-1	U	0.100	0.019	mg/L	U	1
Selenium	7782-49-2	U	0.100	0.077	mg/L	U	1
Silver	7440-22-4	U	0.500	0.007	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-3**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-008**	Date Collected: **Nov-12-08 15:40**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	5.20		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-3**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-008**	Date Collected: **Nov-12-08 15:40**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 21:18 Analyst: KAN Date Prep: Dec-08-08 10:27 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	87.7	8.77	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	87.7	8.77	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	87.7	8.77	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	87.7	9.89	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	87.7	8.77	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	87.7	9.68	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	87.7	8.77	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	87.7	8.77	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	175	8.77	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	87.7	11.5	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	87.7	8.77	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	87.7	8.77	mg/kg	U	1
2-Chlorophenol	95-57-8	U	87.7	8.77	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	87.7	9.21	mg/kg	U	1
2-methylphenol	95-48-7	U	87.7	10.9	mg/kg	U	1
2-Nitroaniline	88-74-4	U	175	9.16	mg/kg	U	1
2-Nitrophenol	88-75-5	U	87.7	8.77	mg/kg	U	1
3&4-Methylphenol		U	175	17.8	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	175	16.8	mg/kg	U	1
3-Nitroaniline	99-09-2	U	175	18.6	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	175	9.93	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	87.7	11.9	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	87.7	10.7	mg/kg	U	1
4-Chloroaniline	106-47-8	U	175	8.77	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	87.7	8.77	mg/kg	U	1
4-Nitroaniline	100-01-6	U	175	14.7	mg/kg	U	1
4-Nitrophenol	100-02-7	U	175	15.2	mg/kg	U	1
Acenaphthene	83-32-9	U	87.7	8.77	mg/kg	U	1
Acenaphthylene	208-96-8	U	87.7	8.77	mg/kg	U	1
Anthracene	120-12-7	U	87.7	11.7	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	87.7	8.77	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	87.7	8.77	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	87.7	8.77	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	87.7	8.77	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	87.7	8.94	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	87.7	8.77	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	87.7	8.77	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	87.7	8.77	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	87.7	10.1	mg/kg	U	1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

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Sample Id: **Win-3** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-008** Date Collected: **Nov-12-08 15:40** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 21:18 Analyst: KAN Date Prep: Dec-08-08 10:27 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	87.7	10.8	mg/kg	U	1
Chrysene	218-01-9	U	87.7	8.77	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	87.7	10.6	mg/kg	U	1
Dibenzofuran	132-64-9	U	87.7	9.72	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	87.7	8.77	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	87.7	9.98	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	87.7	8.77	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	87.7	8.77	mg/kg	U	1
Fluoranthene	206-44-0	U	87.7	9.67	mg/kg	U	1
Fluorene	86-73-7	U	87.7	8.77	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	87.7	8.86	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	87.7	8.77	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	87.7	8.77	mg/kg	U	1
Hexachloroethane	67-72-1	U	87.7	9.39	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	87.7	12.8	mg/kg	U	1
Isophorone	78-59-1	U	87.7	14.2	mg/kg	U	1
Naphthalene	91-20-3	U	87.7	9.39	mg/kg	U	1
Nitrobenzene	98-95-3	U	87.7	8.77	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	87.7	8.77	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	32.4	87.7	10.6	mg/kg	J	1
Pentachlorophenol	87-86-5	U	175	12.5	mg/kg	U	1
Phenanthrene	85-01-8	U	87.7	8.77	mg/kg	U	1
Phenol	108-95-2	U	87.7	8.77	mg/kg	U	1
Pyrene	129-00-0	U	87.7	10.0	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 15:13 Analyst: ANI Date Prep: Dec-17-08 08:03 Tech: ANI
Seq Number: 743957

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	54	77	11	mg/kg	J	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-09-08 01:33 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	190000	25000	2900	mg/kg		10

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Version: 1.096

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Sample Id: **Win-3** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-008** Date Collected: **Nov-12-08 15:40** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 16:49 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124
Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	2400	360	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	2400	560	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	2400	520	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	2400	320	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	2400	380	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	2400	550	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	2400	410	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	2400	760	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	2400	410	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	2400	610	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	2400	280	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	2400	440	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	2400	470	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	2400	320	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	24000	4300	ug/kg	U	50
2-Hexanone	591-78-6	U	24000	530	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	24000	1500	ug/kg	U	50
Acetone	67-64-1	U	24000	3200	ug/kg	U	50
Benzene	71-43-2	U	2400	240	ug/kg	U	50
Bromodichloromethane	75-27-4	U	2400	240	ug/kg	U	50
Bromoform	75-25-2	U	2400	450	ug/kg	U	50
Bromomethane	74-83-9	U	2400	1200	ug/kg	U	50
Carbon disulfide	75-15-0	U	2400	690	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	2400	350	ug/kg	U	50
Chlorobenzene	108-90-7	U	4700	270	ug/kg	U	50
Chloroethane	75-00-3	U	2400	1200	ug/kg	U	50
Chloroform	67-66-3	U	2400	350	ug/kg	U	50
Chloromethane	74-87-3	U	2400	1100	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	2400	310	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	2400	250	ug/kg	U	50
Cyclohexane	110-82-7	U	2400	450	ug/kg	U	50
Dibromochloromethane	124-48-1	U	2400	470	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	2400	560	ug/kg	U	50
Ethylbenzene	100-41-4	U	2400	270	ug/kg	U	50
Isopropylbenzene	98-82-8	U	2400	360	ug/kg	U	50
m,p-Xylenes	179601-23-1	1000	4700	570	ug/kg	J	50
Methyl acetate	79-20-9	U	2400	450	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	2400	330	ug/kg	U	50
Methylcyclohexane	108-87-2	U	2400	510	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Win-3**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-008**	Date Collected: **Nov-12-08 15:40**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 16:49 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124

Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	12000	2400	1000	ug/kg		50
o-Xylene	95-47-6	520	2400	340	ug/kg	J	50
Styrene	100-42-5	U	2400	350	ug/kg	U	50
Tetrachloroethene	127-18-4	U	2400	490	ug/kg	U	50
Toluene	108-88-3	U	2400	280	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	2400	370	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	2400	320	ug/kg	U	50
Trichloroethene	79-01-6	U	2400	330	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	2400	1700	ug/kg	U	50
Vinyl chloride	75-01-4	U	2400	950	ug/kg	U	50
Xylenes, Total	1330-20-7	1520	2400		ug/kg	J	50

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-04XX**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-009**	Date Collected: **Nov-12-08 15:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 18:19 Analyst: 4150 Date Prep: Nov-20-08 15:07 Tech: ABA
Seq Number: 741301

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 06:01 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	910	100	ug/kg	U	1
PCB-1221	11104-28-2	U	910	94	ug/kg	U	1
PCB-1232	11141-16-5	U	910	92	ug/kg	U	1
PCB-1242	53469-21-9	U	910	100	ug/kg	U	1
PCB-1248	12672-29-6	U	910	96	ug/kg	U	1
PCB-1254	11097-69-1	U	910	100	ug/kg	U	1
PCB-1260	11096-82-5	U	910	120	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:06 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	0.009	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.004	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.004	0.010	0.002	mg/L	J	1
Selenium	7782-49-2	0.008	0.010	0.008	mg/L	J	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-04XX**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-009**	Date Collected: **Nov-12-08 15:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	5.80		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-04XX**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-009**	Date Collected: **Nov-12-08 15:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 21:58 Analyst: KAN Date Prep: Dec-08-08 10:30 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	94.3	9.43	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	94.3	9.43	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	94.3	9.43	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	94.3	10.6	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	94.3	9.43	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	94.3	10.4	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	94.3	9.43	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	94.3	9.43	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	189	9.43	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	94.3	12.3	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	94.3	9.43	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	94.3	9.43	mg/kg	U	1
2-Chlorophenol	95-57-8	U	94.3	9.43	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	94.3	9.91	mg/kg	U	1
2-methylphenol	95-48-7	U	94.3	11.7	mg/kg	U	1
2-Nitroaniline	88-74-4	U	189	9.85	mg/kg	U	1
2-Nitrophenol	88-75-5	U	94.3	9.43	mg/kg	U	1
3&4-Methylphenol		U	189	19.1	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	189	18.0	mg/kg	U	1
3-Nitroaniline	99-09-2	U	189	20.1	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	189	10.7	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	94.3	12.8	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	94.3	11.5	mg/kg	U	1
4-Chloroaniline	106-47-8	U	189	9.43	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	94.3	9.43	mg/kg	U	1
4-Nitroaniline	100-01-6	U	189	15.9	mg/kg	U	1
4-Nitrophenol	100-02-7	U	189	16.4	mg/kg	U	1
Acenaphthene	83-32-9	U	94.3	9.43	mg/kg	U	1
Acenaphthylene	208-96-8	U	94.3	9.43	mg/kg	U	1
Anthracene	120-12-7	U	94.3	12.6	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	94.3	9.43	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	94.3	9.43	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	94.3	9.43	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	94.3	9.43	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	94.3	9.61	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	94.3	9.43	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	94.3	9.43	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	94.3	9.43	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	94.3	10.8	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **D-04XX** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-009** Date Collected: **Nov-12-08 15:50** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 21:58 Analyst: KAN Date Prep: Dec-08-08 10:30 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	94.3	11.6	mg/kg	U	1
Chrysene	218-01-9	U	94.3	9.43	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	94.3	11.4	mg/kg	U	1
Dibenzofuran	132-64-9	U	94.3	10.5	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	94.3	9.43	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	94.3	10.7	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	94.3	9.43	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	94.3	9.43	mg/kg	U	1
Fluoranthene	206-44-0	U	94.3	10.4	mg/kg	U	1
Fluorene	86-73-7	U	94.3	9.43	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	94.3	9.53	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	94.3	9.43	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	94.3	9.43	mg/kg	U	1
Hexachloroethane	67-72-1	U	94.3	10.1	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	94.3	13.8	mg/kg	U	1
Isophorone	78-59-1	U	94.3	15.3	mg/kg	U	1
Naphthalene	91-20-3	U	94.3	10.1	mg/kg	U	1
Nitrobenzene	98-95-3	U	94.3	9.43	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	94.3	9.43	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	94.3	11.4	mg/kg	U	1
Pentachlorophenol	87-86-5	U	189	13.4	mg/kg	U	1
Phenanthrene	85-01-8	U	94.3	9.43	mg/kg	U	1
Phenol	108-95-2	U	94.3	9.43	mg/kg	U	1
Pyrene	129-00-0	U	94.3	10.8	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 14:12 Analyst: ANI Date Prep: Dec-17-08 08:03 Tech: ANI
Seq Number: 743957

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	99	15	mg/kg	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 19:41 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	46000	2900	330	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

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Sample Id: **D-04XX** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-009** Date Collected: **Nov-12-08 15:50** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 17:17 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124
Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	2500	370	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	2500	590	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	2500	550	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	2500	330	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	2500	400	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	2500	580	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	2500	430	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	2500	800	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	2500	430	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	2500	640	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	2500	300	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	2500	460	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	2500	500	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	2500	340	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	25000	4500	ug/kg	U	50
2-Hexanone	591-78-6	U	25000	560	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	25000	1600	ug/kg	U	50
Acetone	67-64-1	U	25000	3400	ug/kg	U	50
Benzene	71-43-2	U	2500	250	ug/kg	U	50
Bromodichloromethane	75-27-4	U	2500	250	ug/kg	U	50
Bromoform	75-25-2	U	2500	480	ug/kg	U	50
Bromomethane	74-83-9	U	2500	1200	ug/kg	U	50
Carbon disulfide	75-15-0	U	2500	720	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	2500	370	ug/kg	U	50
Chlorobenzene	108-90-7	U	5000	290	ug/kg	U	50
Chloroethane	75-00-3	U	2500	1200	ug/kg	U	50
Chloroform	67-66-3	U	2500	370	ug/kg	U	50
Chloromethane	74-87-3	U	2500	1100	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	2500	330	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	2500	270	ug/kg	U	50
Cyclohexane	110-82-7	U	2500	470	ug/kg	U	50
Dibromochloromethane	124-48-1	U	2500	490	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	2500	590	ug/kg	U	50
Ethylbenzene	100-41-4	U	2500	280	ug/kg	U	50
Isopropylbenzene	98-82-8	U	2500	380	ug/kg	U	50
m,p-Xylenes	179601-23-1	680	5000	600	ug/kg	J	50
Methyl acetate	79-20-9	U	2500	470	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	2500	340	ug/kg	U	50
Methylcyclohexane	108-87-2	U	2500	540	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

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Sample Id: **D-04XX**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-009**	Date Collected: **Nov-12-08 15:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 17:17 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124

Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	3400	2500	1100	ug/kg		50
o-Xylene	95-47-6	410	2500	360	ug/kg	J	50
Styrene	100-42-5	U	2500	370	ug/kg	U	50
Tetrachloroethene	127-18-4	U	2500	510	ug/kg	U	50
Toluene	108-88-3	U	2500	290	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	2500	390	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	2500	330	ug/kg	U	50
Trichloroethene	79-01-6	U	2500	350	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	2500	1700	ug/kg	U	50
Vinyl chloride	75-01-4	U	2500	1000	ug/kg	U	50
Xylenes, Total	1330-20-7	1090	2500		ug/kg	J	50

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-4**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-010**	Date Collected: **Nov-13-08 09:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 18:22 Analyst: 4150 Date Prep: Nov-20-08 15:07 Tech: ABA
Seq Number: 741301

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-05-08 14:26 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	88	9.9	ug/kg	U	1
PCB-1221	11104-28-2	U	88	9.2	ug/kg	U	1
PCB-1232	11141-16-5	U	88	8.9	ug/kg	U	1
PCB-1242	53469-21-9	U	88	9.8	ug/kg	U	1
PCB-1248	12672-29-6	U	88	9.3	ug/kg	U	1
PCB-1254	11097-69-1	U	88	10	ug/kg	U	1
PCB-1260	11096-82-5	U	88	11	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:08 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.036	0.010	0.007	mg/L		1
Barium	7440-39-3	0.006	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	0.003	0.005	0.001	mg/L	J	1
Chromium	7440-47-3	0.023	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.014	0.010	0.002	mg/L		1
Selenium	7782-49-2	0.021	0.010	0.008	mg/L		1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-4**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-010**	Date Collected: **Nov-13-08 09:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	9.50		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-4** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-010** Date Collected: **Nov-13-08 09:30** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-12-08 23:27 Analyst: KAN Date Prep: Dec-08-08 14:12 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	84.7	8.47	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	84.7	8.47	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	84.7	8.47	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	84.7	9.55	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	84.7	8.47	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	84.7	9.35	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	84.7	8.47	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	84.7	8.47	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	169	8.47	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	84.7	11.1	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	84.7	8.47	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	84.7	8.47	mg/kg	U	1
2-Chlorophenol	95-57-8	U	84.7	8.47	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	84.7	8.90	mg/kg	U	1
2-methylphenol	95-48-7	U	84.7	10.5	mg/kg	U	1
2-Nitroaniline	88-74-4	U	169	8.85	mg/kg	U	1
2-Nitrophenol	88-75-5	U	84.7	8.47	mg/kg	U	1
3&4-Methylphenol		U	169	17.2	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	169	16.2	mg/kg	U	1
3-Nitroaniline	99-09-2	U	169	18.0	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	169	9.59	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	84.7	11.5	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	84.7	10.3	mg/kg	U	1
4-Chloroaniline	106-47-8	U	169	8.47	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	84.7	8.47	mg/kg	U	1
4-Nitroaniline	100-01-6	U	169	14.2	mg/kg	U	1
4-Nitrophenol	100-02-7	U	169	14.7	mg/kg	U	1
Acenaphthene	83-32-9	U	84.7	8.47	mg/kg	U	1
Acenaphthylene	208-96-8	U	84.7	8.47	mg/kg	U	1
Anthracene	120-12-7	U	84.7	11.3	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	84.7	8.47	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	84.7	8.47	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	84.7	8.47	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	84.7	8.47	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	84.7	8.64	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	84.7	8.47	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	84.7	8.47	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	84.7	8.47	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	84.7	9.72	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-4**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-010**	Date Collected: **Nov-13-08 09:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-12-08 23:27 Analyst: KAN Date Prep: Dec-08-08 14:12 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	84.7	10.4	mg/kg	U	1
Chrysene	218-01-9	U	84.7	8.47	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	84.7	10.3	mg/kg	U	1
Dibenzofuran	132-64-9	U	84.7	9.39	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	84.7	8.47	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	84.7	9.64	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	84.7	8.47	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	84.7	8.47	mg/kg	U	1
Fluoranthene	206-44-0	U	84.7	9.34	mg/kg	U	1
Fluorene	86-73-7	U	84.7	8.47	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	84.7	8.56	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	84.7	8.47	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	84.7	8.47	mg/kg	U	1
Hexachloroethane	67-72-1	U	84.7	9.07	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	84.7	12.4	mg/kg	U	1
Isophorone	78-59-1	U	84.7	13.7	mg/kg	U	1
Naphthalene	91-20-3	U	84.7	9.07	mg/kg	U	1
Nitrobenzene	98-95-3	U	84.7	8.47	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	84.7	8.47	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	84.7	10.2	mg/kg	U	1
Pentachlorophenol	87-86-5	U	169	12.1	mg/kg	U	1
Phenanthrene	85-01-8	U	84.7	8.47	mg/kg	U	1
Phenol	108-95-2	U	84.7	8.47	mg/kg	U	1
Pyrene	129-00-0	U	84.7	9.66	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 14:43 Analyst: ANI Date Prep: Dec-17-08 08:03 Tech: ANI
Seq Number: 743957

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	30	50	7.5	mg/kg	J	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 17:53 Analyst: BRZ Date Prep: Nov-21-08 15:30 Tech: 5458
Seq Number: 741604

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	68	6.2	0.54	mg/L	D	20

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-4** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-010** Date Collected: **Nov-13-08 09:30** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 17:46 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124
Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1300	190	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	1300	300	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1300	280	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	1300	170	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	1300	200	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	1300	290	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	1300	220	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1300	400	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	1300	220	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	1300	320	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	1300	150	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	1300	230	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	1300	250	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	1300	170	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	13000	2300	ug/kg	U	50
2-Hexanone	591-78-6	U	13000	280	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	13000	810	ug/kg	U	50
Acetone	67-64-1	29000	13000	1700	ug/kg		50
Benzene	71-43-2	U	1300	130	ug/kg	U	50
Bromodichloromethane	75-27-4	U	1300	130	ug/kg	U	50
Bromoform	75-25-2	U	1300	240	ug/kg	U	50
Bromomethane	74-83-9	U	1300	610	ug/kg	U	50
Carbon disulfide	75-15-0	U	1300	360	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	1300	190	ug/kg	U	50
Chlorobenzene	108-90-7	U	2500	140	ug/kg	U	50
Chloroethane	75-00-3	U	1300	610	ug/kg	U	50
Chloroform	67-66-3	U	1300	190	ug/kg	U	50
Chloromethane	74-87-3	U	1300	580	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	1300	170	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	1300	130	ug/kg	U	50
Cyclohexane	110-82-7	U	1300	240	ug/kg	U	50
Dibromochloromethane	124-48-1	U	1300	250	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	1300	300	ug/kg	U	50
Ethylbenzene	100-41-4	U	1300	140	ug/kg	U	50
Isopropylbenzene	98-82-8	U	1300	190	ug/kg	U	50
m,p-Xylenes	179601-23-1	360	2500	300	ug/kg	J	50
Methyl acetate	79-20-9	U	1300	240	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	1300	170	ug/kg	U	50
Methylcyclohexane	108-87-2	U	1300	270	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-4**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-010**	Date Collected: **Nov-13-08 09:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 17:46 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124

Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	11000	1300	540	ug/kg		50
o-Xylene	95-47-6	200	1300	180	ug/kg	J	50
Styrene	100-42-5	U	1300	190	ug/kg	U	50
Tetrachloroethene	127-18-4	U	1300	260	ug/kg	U	50
Toluene	108-88-3	U	1300	150	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	1300	200	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	1300	170	ug/kg	U	50
Trichloroethene	79-01-6	U	1300	180	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	1300	880	ug/kg	U	50
Vinyl chloride	75-01-4	U	1300	500	ug/kg	U	50
Xylenes, Total	1330-20-7	560	1300		ug/kg	J	50

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-35**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-011**	Date Collected: **Nov-13-08 09:15**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 14:41 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741491

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:07 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 06:24 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	940	110	ug/kg	U	1
PCB-1221	11104-28-2	U	940	98	ug/kg	U	1
PCB-1232	11141-16-5	U	940	95	ug/kg	U	1
PCB-1242	53469-21-9	U	940	100	ug/kg	U	1
PCB-1248	12672-29-6	U	940	100	ug/kg	U	1
PCB-1254	11097-69-1	U	940	110	ug/kg	U	1
PCB-1260	11096-82-5	U	940	120	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:37 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.67	0.577	mg/kg	U	1
Barium	7440-39-3	7.70	4.67	0.143	mg/kg		1
Cadmium	7440-43-9	0.505	0.467	0.020	mg/kg		1
Chromium	7440-47-3	2.21	4.67	0.090	mg/kg	J	1
Lead	7439-92-1	1.51	4.67	0.280	mg/kg	J	1
Selenium	7782-49-2	U	4.67	0.893	mg/kg	U	1
Silver	7440-22-4	0.280	4.67	0.044	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-35**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-011**	Date Collected: **Nov-13-08 09:15**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.30		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-35** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-011** Date Collected: **Nov-13-08 09:15** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 22:37 Analyst: KAN Date Prep: Dec-08-08 10:36 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	84.0	8.40	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	84.0	8.40	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	84.0	8.40	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	84.0	9.47	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	84.0	8.40	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	84.0	9.27	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	84.0	8.40	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	84.0	8.40	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	168	8.40	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	84.0	11.0	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	84.0	8.40	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	84.0	8.40	mg/kg	U	1
2-Chlorophenol	95-57-8	U	84.0	8.40	mg/kg	U	1
2-Methylnaphthalene	91-57-6	10.1	84.0	8.82	mg/kg	J	1
2-methylphenol	95-48-7	U	84.0	10.5	mg/kg	U	1
2-Nitroaniline	88-74-4	U	168	8.77	mg/kg	U	1
2-Nitrophenol	88-75-5	U	84.0	8.40	mg/kg	U	1
3&4-Methylphenol		U	168	17.0	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	168	16.1	mg/kg	U	1
3-Nitroaniline	99-09-2	U	168	17.9	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	168	9.51	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	84.0	11.4	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	84.0	10.3	mg/kg	U	1
4-Chloroaniline	106-47-8	U	168	8.40	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	84.0	8.40	mg/kg	U	1
4-Nitroaniline	100-01-6	U	168	14.1	mg/kg	U	1
4-Nitrophenol	100-02-7	U	168	14.6	mg/kg	U	1
Acenaphthene	83-32-9	U	84.0	8.40	mg/kg	U	1
Acenaphthylene	208-96-8	U	84.0	8.40	mg/kg	U	1
Anthracene	120-12-7	U	84.0	11.2	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	84.0	8.40	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	84.0	8.40	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	84.0	8.40	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	84.0	8.40	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	84.0	8.56	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	84.0	8.40	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	84.0	8.40	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	84.0	8.40	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	84.0	9.64	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-35** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-011** Date Collected: **Nov-13-08 09:15** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 22:37 Analyst: KAN Date Prep: Dec-08-08 10:36 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	84.0	10.3	mg/kg	U	1
Chrysene	218-01-9	U	84.0	8.40	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	84.0	10.2	mg/kg	U	1
Dibenzofuran	132-64-9	U	84.0	9.31	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	84.0	8.40	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	84.0	9.56	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	84.0	8.40	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	84.0	8.40	mg/kg	U	1
Fluoranthene	206-44-0	U	84.0	9.26	mg/kg	U	1
Fluorene	86-73-7	U	84.0	8.40	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	84.0	8.49	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	84.0	8.40	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	84.0	8.40	mg/kg	U	1
Hexachloroethane	67-72-1	U	84.0	8.99	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	84.0	12.3	mg/kg	U	1
Isophorone	78-59-1	U	84.0	13.6	mg/kg	U	1
Naphthalene	91-20-3	U	84.0	8.99	mg/kg	U	1
Nitrobenzene	98-95-3	U	84.0	8.40	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	84.0	8.40	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	84.0	10.1	mg/kg	U	1
Pentachlorophenol	87-86-5	U	168	12.0	mg/kg	U	1
Phenanthrene	85-01-8	U	84.0	8.40	mg/kg	U	1
Phenol	108-95-2	44.5	84.0	8.40	mg/kg	J	1
Pyrene	129-00-0	U	84.0	9.58	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-09-08 00:40 Analyst: ANI Date Prep: Dec-08-08 19:33 Tech: ANI
Seq Number: 742788

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	29	20	3.0	mg/kg		100

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 20:06 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	16000	2700	300	mg/kg		1

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Seven Out Superfund Site

Sample Id: **OP-35** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-011** Date Collected: **Nov-13-08 09:15** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-10-08 01:34 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI
Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	37	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	59	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	55	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	33	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	40	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	58	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	43	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	80	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	43	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	64	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	30	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	49	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	450	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	56	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	930	2500	160	ug/kg	J	50
Acetone	67-64-1	98000	25000	3400	ug/kg	D	500
Benzene	71-43-2	3600	250	25	ug/kg		50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	48	ug/kg	U	50
Bromomethane	74-83-9	U	250	120	ug/kg	U	50
Carbon disulfide	75-15-0	270	250	72	ug/kg		50
Carbon tetrachloride	56-23-5	U	250	37	ug/kg	U	50
Chlorobenzene	108-90-7	210	500	29	ug/kg	J	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	37	ug/kg	U	50
Chloromethane	74-87-3	U	250	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	27	ug/kg	U	50
Cyclohexane	110-82-7	U	250	47	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	49	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	59	ug/kg	U	50
Ethylbenzene	100-41-4	820	250	28	ug/kg		50
Isopropylbenzene	98-82-8	95	250	38	ug/kg	J	50
m,p-Xylenes	179601-23-1	3100	500	60	ug/kg		50
Methyl acetate	79-20-9	U	250	47	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	34	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	54	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-35**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-011**	Date Collected: **Nov-13-08 09:15**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-10-08 01:34 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI

Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
o-Xylene	95-47-6	1600	250	36	ug/kg		50
Styrene	100-42-5	U	250	37	ug/kg	U	50
Tetrachloroethene	127-18-4	53	250	51	ug/kg	J	50
Toluene	108-88-3	1700	250	29	ug/kg		50
trans-1,2-Dichloroethene	156-60-5	U	250	39	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	33	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	100	ug/kg	U	50
Xylenes, Total	1330-20-7	4700	250		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-012**	Date Collected: **Nov-13-08 08:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:17 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 07:34 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	900	100	ug/kg	U	1
PCB-1221	11104-28-2	U	900	94	ug/kg	U	1
PCB-1232	11141-16-5	U	900	91	ug/kg	U	1
PCB-1242	53469-21-9	U	900	100	ug/kg	U	1
PCB-1248	12672-29-6	U	900	95	ug/kg	U	1
PCB-1254	11097-69-1	U	900	100	ug/kg	U	1
PCB-1260	11096-82-5	U	900	110	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:38 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	5.05	4.76	0.588	mg/kg		1
Barium	7440-39-3	30.9	4.76	0.146	mg/kg		1
Cadmium	7440-43-9	2.62	0.476	0.020	mg/kg		1
Chromium	7440-47-3	15.9	4.76	0.091	mg/kg		1
Lead	7439-92-1	9.06	4.76	0.286	mg/kg		1
Selenium	7782-49-2	U	4.76	0.910	mg/kg	U	1
Silver	7440-22-4	1.61	4.76	0.045	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-012**	Date Collected: **Nov-13-08 08:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.10		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-012**	Date Collected: **Nov-13-08 08:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 11:01 Analyst: KAN Date Prep: Dec-08-08 10:39 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	93.5	9.35	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	93.5	9.35	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	93.5	9.35	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	93.5	10.5	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	93.5	9.35	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	93.5	10.3	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	93.5	9.35	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	93.5	9.35	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	187	9.35	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	93.5	12.2	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	93.5	9.35	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	93.5	9.35	mg/kg	U	1
2-Chlorophenol	95-57-8	U	93.5	9.35	mg/kg	U	1
2-Methylnaphthalene	91-57-6	18.6	93.5	9.81	mg/kg	J	1
2-methylphenol	95-48-7	U	93.5	11.6	mg/kg	U	1
2-Nitroaniline	88-74-4	U	187	9.76	mg/kg	U	1
2-Nitrophenol	88-75-5	U	93.5	9.35	mg/kg	U	1
3&4-Methylphenol		U	187	18.9	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	187	17.9	mg/kg	U	1
3-Nitroaniline	99-09-2	U	187	19.9	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	187	10.6	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	93.5	12.7	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	93.5	11.4	mg/kg	U	1
4-Chloroaniline	106-47-8	U	187	9.35	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	93.5	9.35	mg/kg	U	1
4-Nitroaniline	100-01-6	U	187	15.7	mg/kg	U	1
4-Nitrophenol	100-02-7	U	187	16.2	mg/kg	U	1
Acenaphthene	83-32-9	U	93.5	9.35	mg/kg	U	1
Acenaphthylene	208-96-8	U	93.5	9.35	mg/kg	U	1
Anthracene	120-12-7	U	93.5	12.5	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	93.5	9.35	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	93.5	9.35	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	93.5	9.35	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	93.5	9.35	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	93.5	9.52	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	93.5	9.35	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	93.5	9.35	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	10.0	93.5	9.35	mg/kg	J	1
Butyl benzyl phthalate	85-68-7	U	93.5	10.7	mg/kg	U	1

Project: Xenco-Atlanta Master Project

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Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-25** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-012** Date Collected: **Nov-13-08 08:30** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 11:01 Analyst: KAN Date Prep: Dec-08-08 10:39 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	93.5	11.5	mg/kg	U	1
Chrysene	218-01-9	U	93.5	9.35	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	93.5	11.3	mg/kg	U	1
Dibenzofuran	132-64-9	U	93.5	10.4	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	93.5	9.35	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	93.5	10.6	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	93.5	9.35	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	93.5	9.35	mg/kg	U	1
Fluoranthene	206-44-0	U	93.5	10.3	mg/kg	U	1
Fluorene	86-73-7	U	93.5	9.35	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	93.5	9.44	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	93.5	9.35	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	93.5	9.35	mg/kg	U	1
Hexachloroethane	67-72-1	U	93.5	10.0	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	93.5	13.7	mg/kg	U	1
Isophorone	78-59-1	U	93.5	15.1	mg/kg	U	1
Naphthalene	91-20-3	U	93.5	10.0	mg/kg	U	1
Nitrobenzene	98-95-3	U	93.5	9.35	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	93.5	9.35	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	93.5	11.3	mg/kg	U	1
Pentachlorophenol	87-86-5	U	187	13.3	mg/kg	U	1
Phenanthrene	85-01-8	U	93.5	9.35	mg/kg	U	1
Phenol	108-95-2	U	93.5	9.35	mg/kg	U	1
Pyrene	129-00-0	U	93.5	10.7	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-09-08 01:41 Analyst: ANI Date Prep: Dec-08-08 19:33 Tech: ANI
Seq Number: 742788

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	35	18	2.8	mg/kg		100

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 20:31 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	24000	2900	330	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-25** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-012** Date Collected: **Nov-13-08 08:30** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-10-08 02:31 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI
Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	230	35	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	230	55	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	230	51	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	230	31	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	230	37	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	230	54	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	230	40	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	230	75	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	230	40	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	230	60	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	230	28	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	230	43	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	230	46	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	230	32	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2300	420	ug/kg	U	50
2-Hexanone	591-78-6	U	2300	52	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2300	150	ug/kg	U	50
Acetone	67-64-1	3700	2300	320	ug/kg		50
Benzene	71-43-2	5900	230	24	ug/kg		50
Bromodichloromethane	75-27-4	U	230	23	ug/kg	U	50
Bromoform	75-25-2	U	230	44	ug/kg	U	50
Bromomethane	74-83-9	U	230	110	ug/kg	U	50
Carbon disulfide	75-15-0	U	230	67	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	230	34	ug/kg	U	50
Chlorobenzene	108-90-7	330	460	27	ug/kg	J	50
Chloroethane	75-00-3	U	230	110	ug/kg	U	50
Chloroform	67-66-3	U	230	34	ug/kg	U	50
Chloromethane	74-87-3	680	230	110	ug/kg		50
cis-1,2-Dichloroethene	156-59-2	U	230	31	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	230	25	ug/kg	U	50
Cyclohexane	110-82-7	U	230	44	ug/kg	U	50
Dibromochloromethane	124-48-1	U	230	46	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	230	54	ug/kg	U	50
Ethylbenzene	100-41-4	460	230	26	ug/kg		50
Isopropylbenzene	98-82-8	93	230	35	ug/kg	J	50
m,p-Xylenes	179601-23-1	1700	460	56	ug/kg		50
Methyl acetate	79-20-9	U	230	44	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	230	32	ug/kg	U	50
Methylcyclohexane	108-87-2	U	230	50	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-012**	Date Collected: **Nov-13-08 08:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-10-08 02:31 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI

Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	230	100	ug/kg	U	50
o-Xylene	95-47-6	820	230	33	ug/kg		50
Styrene	100-42-5	U	230	34	ug/kg	U	50
Tetrachloroethene	127-18-4	U	230	48	ug/kg	U	50
Toluene	108-88-3	840	230	27	ug/kg		50
trans-1,2-Dichloroethene	156-60-5	U	230	36	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	230	31	ug/kg	U	50
Trichloroethene	79-01-6	U	230	33	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	230	160	ug/kg	U	50
Vinyl chloride	75-01-4	U	230	93	ug/kg	U	50
Xylenes, Total	1330-20-7	2520	230		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-45**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-013**	Date Collected: **Nov-13-08 10:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:20 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0490	0.0029	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 07:58 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	900	100	ug/kg	U	1
PCB-1221	11104-28-2	U	900	94	ug/kg	U	1
PCB-1232	11141-16-5	U	900	91	ug/kg	U	1
PCB-1242	53469-21-9	U	900	100	ug/kg	U	1
PCB-1248	12672-29-6	U	900	95	ug/kg	U	1
PCB-1254	11097-69-1	U	900	100	ug/kg	U	1
PCB-1260	11096-82-5	U	900	110	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:40 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.81	0.593	mg/kg	U	1
Barium	7440-39-3	9.24	4.81	0.147	mg/kg		1
Cadmium	7440-43-9	0.750	0.481	0.020	mg/kg		1
Chromium	7440-47-3	3.24	4.81	0.092	mg/kg	J	1
Lead	7439-92-1	4.90	4.81	0.288	mg/kg		1
Selenium	7782-49-2	U	4.81	0.919	mg/kg	U	1
Silver	7440-22-4	0.913	4.81	0.046	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-45**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-013**	Date Collected: **Nov-13-08 10:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	9.00		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-45** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-013** Date Collected: **Nov-13-08 10:00** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 11:39 Analyst: KAN Date Prep: Dec-08-08 10:42 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	85.5	8.55	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	85.5	8.55	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	85.5	8.55	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	85.5	9.63	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	85.5	8.55	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	85.5	9.43	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	85.5	8.55	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	85.5	8.55	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	171	8.55	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	85.5	11.2	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	85.5	8.55	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	85.5	8.55	mg/kg	U	1
2-Chlorophenol	95-57-8	U	85.5	8.55	mg/kg	U	1
2-Methylnaphthalene	91-57-6	45.9	85.5	8.97	mg/kg	J	1
2-methylphenol	95-48-7	U	85.5	10.6	mg/kg	U	1
2-Nitroaniline	88-74-4	U	171	8.92	mg/kg	U	1
2-Nitrophenol	88-75-5	U	85.5	8.55	mg/kg	U	1
3&4-Methylphenol		U	171	17.3	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	171	16.3	mg/kg	U	1
3-Nitroaniline	99-09-2	U	171	18.2	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	171	9.68	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	85.5	11.6	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	85.5	10.4	mg/kg	U	1
4-Chloroaniline	106-47-8	U	171	8.55	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	85.5	8.55	mg/kg	U	1
4-Nitroaniline	100-01-6	U	171	14.4	mg/kg	U	1
4-Nitrophenol	100-02-7	U	171	14.8	mg/kg	U	1
Acenaphthene	83-32-9	U	85.5	8.55	mg/kg	U	1
Acenaphthylene	208-96-8	U	85.5	8.55	mg/kg	U	1
Anthracene	120-12-7	U	85.5	11.4	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	85.5	8.55	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	85.5	8.55	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	85.5	8.55	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	85.5	8.55	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	85.5	8.71	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	85.5	8.55	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	85.5	8.55	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	24.9	85.5	8.55	mg/kg	J	1
Butyl benzyl phthalate	85-68-7	U	85.5	9.80	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-45** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-013** Date Collected: **Nov-13-08 10:00** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 11:39 Analyst: KAN Date Prep: Dec-08-08 10:42 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	85.5	10.5	mg/kg	U	1
Chrysene	218-01-9	U	85.5	8.55	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	85.5	10.4	mg/kg	U	1
Dibenzofuran	132-64-9	U	85.5	9.47	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	85.5	8.55	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	85.5	9.73	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	9.91	85.5	8.55	mg/kg	J	1
di-n-Octyl Phthalate	117-84-0	U	85.5	8.55	mg/kg	U	1
Fluoranthene	206-44-0	U	85.5	9.42	mg/kg	U	1
Fluorene	86-73-7	U	85.5	8.55	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	85.5	8.63	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	85.5	8.55	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	85.5	8.55	mg/kg	U	1
Hexachloroethane	67-72-1	U	85.5	9.15	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	85.5	12.5	mg/kg	U	1
Isophorone	78-59-1	U	85.5	13.8	mg/kg	U	1
Naphthalene	91-20-3	26.2	85.5	9.15	mg/kg	J	1
Nitrobenzene	98-95-3	U	85.5	8.55	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	85.5	8.55	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	85.5	10.3	mg/kg	U	1
Pentachlorophenol	87-86-5	U	171	12.2	mg/kg	U	1
Phenanthrene	85-01-8	U	85.5	8.55	mg/kg	U	1
Phenol	108-95-2	118	85.5	8.55	mg/kg		1
Pyrene	129-00-0	U	85.5	9.74	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-08-08 22:37 Analyst: ANI Date Prep: Dec-08-08 19:33 Tech: ANI
Seq Number: 742788

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	39	9.4	1.4	mg/kg		50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 20:56 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	21000	2700	310	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-45** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-013** Date Collected: **Nov-13-08 10:00** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-10-08 04:26 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI
Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	230	35	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	230	56	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	230	52	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	230	31	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	230	38	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	230	54	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	230	41	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	230	76	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	230	40	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	230	60	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	230	28	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	230	44	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	230	47	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	230	32	ug/kg	U	50
2-Butanone (MEK)	78-93-3	2900	2300	430	ug/kg		50
2-Hexanone	591-78-6	U	2300	53	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	1400	2300	150	ug/kg	J	50
Acetone	67-64-1	33000	9400	1300	ug/kg	D	200
Benzene	71-43-2	16000	940	96	ug/kg	D	200
Bromodichloromethane	75-27-4	U	230	23	ug/kg	U	50
Bromoform	75-25-2	U	230	45	ug/kg	U	50
Bromomethane	74-83-9	U	230	120	ug/kg	U	50
Carbon disulfide	75-15-0	150	230	68	ug/kg	J	50
Carbon tetrachloride	56-23-5	U	230	35	ug/kg	U	50
Chlorobenzene	108-90-7	660	470	27	ug/kg		50
Chloroethane	75-00-3	U	230	110	ug/kg	U	50
Chloroform	67-66-3	U	230	35	ug/kg	U	50
Chloromethane	74-87-3	U	230	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	230	31	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	230	25	ug/kg	U	50
Cyclohexane	110-82-7	U	230	44	ug/kg	U	50
Dibromochloromethane	124-48-1	U	230	47	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	230	55	ug/kg	U	50
Ethylbenzene	100-41-4	680	230	26	ug/kg		50
Isopropylbenzene	98-82-8	74	230	36	ug/kg	J	50
m,p-Xylenes	179601-23-1	2300	470	57	ug/kg		50
Methyl acetate	79-20-9	U	230	44	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	230	32	ug/kg	U	50
Methylcyclohexane	108-87-2	U	230	51	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-45**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-013**	Date Collected: **Nov-13-08 10:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-10-08 04:26 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI

Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	230	230	100	ug/kg	J	50
o-Xylene	95-47-6	1200	230	34	ug/kg		50
Styrene	100-42-5	U	230	35	ug/kg	U	50
Tetrachloroethene	127-18-4	120	230	49	ug/kg	J	50
Toluene	108-88-3	2000	230	28	ug/kg		50
trans-1,2-Dichloroethene	156-60-5	U	230	37	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	230	31	ug/kg	U	50
Trichloroethene	79-01-6	U	230	33	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	230	160	ug/kg	U	50
Vinyl chloride	75-01-4	U	230	94	ug/kg	U	50
Xylenes, Total	1330-20-7	3500	230		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

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Sample Id: **SH-1S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-014**	Date Collected: **Nov-13-08 10:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:24 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 08:22 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	880	98	ug/kg	U	1
PCB-1221	11104-28-2	U	880	91	ug/kg	U	1
PCB-1232	11141-16-5	U	880	89	ug/kg	U	1
PCB-1242	53469-21-9	U	880	97	ug/kg	U	1
PCB-1248	12672-29-6	U	880	93	ug/kg	U	1
PCB-1254	11097-69-1	U	880	100	ug/kg	U	1
PCB-1260	11096-82-5	U	880	110	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:42 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.85	0.599	mg/kg	U	1
Barium	7440-39-3	11.4	4.85	0.149	mg/kg		1
Cadmium	7440-43-9	0.175	0.485	0.020	mg/kg	J	1
Chromium	7440-47-3	1.83	4.85	0.093	mg/kg	J	1
Lead	7439-92-1	0.932	4.85	0.291	mg/kg	J	1
Selenium	7782-49-2	U	4.85	0.928	mg/kg	U	1
Silver	7440-22-4	1.61	4.85	0.046	mg/kg	J	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-1S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-014**	Date Collected: **Nov-13-08 10:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.60		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-1S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-014**	Date Collected: **Nov-13-08 10:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 12:17 Analyst: KAN Date Prep: Dec-08-08 10:45 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	91.7	9.17	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	91.7	9.17	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	91.7	9.17	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	91.7	10.3	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	91.7	9.17	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	91.7	10.1	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	91.7	9.17	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	91.7	9.17	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	183	9.17	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	91.7	12.0	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	91.7	9.17	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	91.7	9.17	mg/kg	U	1
2-Chlorophenol	95-57-8	U	91.7	9.17	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	91.7	9.63	mg/kg	U	1
2-methylphenol	95-48-7	U	91.7	11.4	mg/kg	U	1
2-Nitroaniline	88-74-4	U	183	9.58	mg/kg	U	1
2-Nitrophenol	88-75-5	U	91.7	9.17	mg/kg	U	1
3&4-Methylphenol		U	183	18.6	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	183	17.5	mg/kg	U	1
3-Nitroaniline	99-09-2	U	183	19.5	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	183	10.4	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	91.7	12.4	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	91.7	11.2	mg/kg	U	1
4-Chloroaniline	106-47-8	U	183	9.17	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	91.7	9.17	mg/kg	U	1
4-Nitroaniline	100-01-6	U	183	15.4	mg/kg	U	1
4-Nitrophenol	100-02-7	U	183	15.9	mg/kg	U	1
Acenaphthene	83-32-9	U	91.7	9.17	mg/kg	U	1
Acenaphthylene	208-96-8	U	91.7	9.17	mg/kg	U	1
Anthracene	120-12-7	U	91.7	12.3	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	91.7	9.17	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	91.7	9.17	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	91.7	9.17	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	91.7	9.17	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	91.7	9.35	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	91.7	9.17	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	91.7	9.17	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	91.7	9.17	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	91.7	10.5	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-1S** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-014** Date Collected: **Nov-13-08 10:50** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 12:17 Analyst: KAN Date Prep: Dec-08-08 10:45 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	91.7	11.3	mg/kg	U	1
Chrysene	218-01-9	U	91.7	9.17	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	91.7	11.1	mg/kg	U	1
Dibenzofuran	132-64-9	U	91.7	10.2	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	91.7	9.17	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	91.7	10.4	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	91.7	9.17	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	91.7	9.17	mg/kg	U	1
Fluoranthene	206-44-0	U	91.7	10.1	mg/kg	U	1
Fluorene	86-73-7	U	91.7	9.17	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	91.7	9.27	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	91.7	9.17	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	91.7	9.17	mg/kg	U	1
Hexachloroethane	67-72-1	U	91.7	9.82	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	91.7	13.4	mg/kg	U	1
Isophorone	78-59-1	U	91.7	14.9	mg/kg	U	1
Naphthalene	91-20-3	U	91.7	9.82	mg/kg	U	1
Nitrobenzene	98-95-3	U	91.7	9.17	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	91.7	9.17	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	91.7	11.1	mg/kg	U	1
Pentachlorophenol	87-86-5	U	183	13.1	mg/kg	U	1
Phenanthrene	85-01-8	U	91.7	9.17	mg/kg	U	1
Phenol	108-95-2	U	91.7	9.17	mg/kg	U	1
Pyrene	129-00-0	U	91.7	10.5	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-09-08 02:11 Analyst: ANI Date Prep: Dec-08-08 19:33 Tech: ANI
Seq Number: 742788

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	19	19	2.8	mg/kg		100

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 21:21 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	26000	3000	340	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-1S** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-014** Date Collected: **Nov-13-08 10:50** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-10-08 03:00 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI
Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	230	35	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	230	55	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	230	52	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	230	31	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	230	37	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	230	54	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	230	41	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	230	76	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	230	40	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	230	60	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	230	28	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	230	43	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	230	47	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	230	32	ug/kg	U	50
2-Butanone (MEK)	78-93-3	2500	2300	430	ug/kg		50
2-Hexanone	591-78-6	U	2300	53	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	1100	2300	150	ug/kg	J	50
Acetone	67-64-1	120000	23000	3200	ug/kg	D	500
Benzene	71-43-2	1300	230	24	ug/kg		50
Bromodichloromethane	75-27-4	U	230	23	ug/kg	U	50
Bromoform	75-25-2	U	230	45	ug/kg	U	50
Bromomethane	74-83-9	U	230	110	ug/kg	U	50
Carbon disulfide	75-15-0	U	230	68	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	230	35	ug/kg	U	50
Chlorobenzene	108-90-7	U	470	27	ug/kg	U	50
Chloroethane	75-00-3	U	230	110	ug/kg	U	50
Chloroform	67-66-3	U	230	35	ug/kg	U	50
Chloromethane	74-87-3	U	230	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	230	31	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	230	25	ug/kg	U	50
Cyclohexane	110-82-7	U	230	44	ug/kg	U	50
Dibromochloromethane	124-48-1	U	230	46	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	230	55	ug/kg	U	50
Ethylbenzene	100-41-4	180	230	26	ug/kg	J	50
Isopropylbenzene	98-82-8	95	230	35	ug/kg	J	50
m,p-Xylenes	179601-23-1	630	470	57	ug/kg		50
Methyl acetate	79-20-9	U	230	44	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	230	32	ug/kg	U	50
Methylcyclohexane	108-87-2	U	230	51	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-1S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-014**	Date Collected: **Nov-13-08 10:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-10-08 03:00 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI

Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	230	100	ug/kg	U	50
o-Xylene	95-47-6	310	230	33	ug/kg		50
Styrene	100-42-5	U	230	35	ug/kg	U	50
Tetrachloroethene	127-18-4	U	230	48	ug/kg	U	50
Toluene	108-88-3	230	230	27	ug/kg	J	50
trans-1,2-Dichloroethene	156-60-5	U	230	36	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	230	31	ug/kg	U	50
Trichloroethene	79-01-6	U	230	33	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	230	160	ug/kg	U	50
Vinyl chloride	75-01-4	U	230	94	ug/kg	U	50
Xylenes, Total	1330-20-7	940	230		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40308**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-015**	Date Collected: **Nov-13-08 00:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 14:41 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741491

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:27 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	0.0040	0.0490	0.0029	mg/kg	J	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 08:45 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	830	92	ug/kg	U	1
PCB-1221	11104-28-2	U	830	86	ug/kg	U	1
PCB-1232	11141-16-5	U	830	83	ug/kg	U	1
PCB-1242	53469-21-9	U	830	91	ug/kg	U	1
PCB-1248	12672-29-6	U	830	87	ug/kg	U	1
PCB-1254	11097-69-1	U	830	94	ug/kg	U	1
PCB-1260	11096-82-5	U	830	100	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:48 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	7.05	4.76	0.588	mg/kg		1
Barium	7440-39-3	25.6	4.76	0.146	mg/kg		1
Cadmium	7440-43-9	3.04	0.476	0.020	mg/kg		1
Chromium	7440-47-3	16.8	4.76	0.091	mg/kg		1
Lead	7439-92-1	9.18	4.76	0.286	mg/kg		1
Selenium	7782-49-2	U	4.76	0.910	mg/kg	U	1
Silver	7440-22-4	1.64	4.76	0.045	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40308**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-015**	Date Collected: **Nov-13-08 00:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Dec-01-08 12:10 Analyst: 4154 Date Prep: Tech: 4154

Seq Number: 741934

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	9.20	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40308**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-015**	Date Collected: **Nov-13-08 00:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 12:55 Analyst: KAN Date Prep: Dec-08-08 10:48 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	87.7	8.77	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	87.7	8.77	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	87.7	8.77	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	87.7	9.89	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	87.7	8.77	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	87.7	9.68	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	87.7	8.77	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	87.7	8.77	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	175	8.77	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	87.7	11.5	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	87.7	8.77	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	87.7	8.77	mg/kg	U	1
2-Chlorophenol	95-57-8	U	87.7	8.77	mg/kg	U	1
2-Methylnaphthalene	91-57-6	17.4	87.7	9.21	mg/kg	J	1
2-methylphenol	95-48-7	U	87.7	10.9	mg/kg	U	1
2-Nitroaniline	88-74-4	U	175	9.16	mg/kg	U	1
2-Nitrophenol	88-75-5	U	87.7	8.77	mg/kg	U	1
3&4-Methylphenol		U	175	17.8	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	175	16.8	mg/kg	U	1
3-Nitroaniline	99-09-2	U	175	18.6	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	175	9.93	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	87.7	11.9	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	87.7	10.7	mg/kg	U	1
4-Chloroaniline	106-47-8	U	175	8.77	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	87.7	8.77	mg/kg	U	1
4-Nitroaniline	100-01-6	U	175	14.7	mg/kg	U	1
4-Nitrophenol	100-02-7	U	175	15.2	mg/kg	U	1
Acenaphthene	83-32-9	U	87.7	8.77	mg/kg	U	1
Acenaphthylene	208-96-8	U	87.7	8.77	mg/kg	U	1
Anthracene	120-12-7	U	87.7	11.7	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	87.7	8.77	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	87.7	8.77	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	87.7	8.77	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	87.7	8.77	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	87.7	8.94	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	87.7	8.77	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	87.7	8.77	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	87.7	8.77	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	87.7	10.1	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40308**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-015**	Date Collected: **Nov-13-08 00:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 12:55 Analyst: KAN Date Prep: Dec-08-08 10:48 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	87.7	10.8	mg/kg	U	1
Chrysene	218-01-9	U	87.7	8.77	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	87.7	10.6	mg/kg	U	1
Dibenzofuran	132-64-9	U	87.7	9.72	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	87.7	8.77	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	87.7	9.98	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	87.7	8.77	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	87.7	8.77	mg/kg	U	1
Fluoranthene	206-44-0	U	87.7	9.67	mg/kg	U	1
Fluorene	86-73-7	U	87.7	8.77	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	87.7	8.86	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	87.7	8.77	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	87.7	8.77	mg/kg	U	1
Hexachloroethane	67-72-1	U	87.7	9.39	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	87.7	12.8	mg/kg	U	1
Isophorone	78-59-1	U	87.7	14.2	mg/kg	U	1
Naphthalene	91-20-3	U	87.7	9.39	mg/kg	U	1
Nitrobenzene	98-95-3	U	87.7	8.77	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	87.7	8.77	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	87.7	10.6	mg/kg	U	1
Pentachlorophenol	87-86-5	U	175	12.5	mg/kg	U	1
Phenanthrene	85-01-8	U	87.7	8.77	mg/kg	U	1
Phenol	108-95-2	U	87.7	8.77	mg/kg	U	1
Pyrene	129-00-0	U	87.7	10.0	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-08-08 23:38 Analyst: ANI Date Prep: Dec-08-08 19:33 Tech: ANI
Seq Number: 742788

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	24	9.8	1.5	mg/kg		50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 21:46 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	21000	2900	330	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40308** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-015** Date Collected: **Nov-13-08 00:00** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-10-08 03:29 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI
Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	240	37	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	240	58	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	240	54	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	240	33	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	240	39	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	240	57	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	240	43	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	240	79	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	240	42	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	240	63	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	240	29	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	240	45	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	240	49	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	240	33	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2400	450	ug/kg	U	50
2-Hexanone	591-78-6	U	2400	55	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2400	160	ug/kg	U	50
Acetone	67-64-1	3000	2400	340	ug/kg		50
Benzene	71-43-2	6000	240	25	ug/kg		50
Bromodichloromethane	75-27-4	U	240	25	ug/kg	U	50
Bromoform	75-25-2	U	240	47	ug/kg	U	50
Bromomethane	74-83-9	U	240	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	240	71	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	240	36	ug/kg	U	50
Chlorobenzene	108-90-7	350	490	28	ug/kg	J	50
Chloroethane	75-00-3	U	240	120	ug/kg	U	50
Chloroform	67-66-3	U	240	36	ug/kg	U	50
Chloromethane	74-87-3	U	240	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	240	32	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	240	26	ug/kg	U	50
Cyclohexane	110-82-7	U	240	46	ug/kg	U	50
Dibromochloromethane	124-48-1	U	240	49	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	240	58	ug/kg	U	50
Ethylbenzene	100-41-4	510	240	28	ug/kg		50
Isopropylbenzene	98-82-8	110	240	37	ug/kg	J	50
m,p-Xylenes	179601-23-1	1900	490	59	ug/kg		50
Methyl acetate	79-20-9	U	240	46	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	240	34	ug/kg	U	50
Methylcyclohexane	108-87-2	U	240	53	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40308**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-015**	Date Collected: **Nov-13-08 00:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-10-08 03:29 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI

Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	130	240	110	ug/kg	J	50
o-Xylene	95-47-6	920	240	35	ug/kg		50
Styrene	100-42-5	U	240	36	ug/kg	U	50
Tetrachloroethene	127-18-4	U	240	51	ug/kg	U	50
Toluene	108-88-3	910	240	29	ug/kg		50
trans-1,2-Dichloroethene	156-60-5	U	240	38	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	240	33	ug/kg	U	50
Trichloroethene	79-01-6	U	240	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	240	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	240	98	ug/kg	U	50
Xylenes, Total	1330-20-7	2820	240		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-1S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-016**	Date Collected: **Nov-13-08 13:10**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:30 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 09:09 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	920	100	ug/kg	U	1
PCB-1221	11104-28-2	U	920	95	ug/kg	U	1
PCB-1232	11141-16-5	U	920	93	ug/kg	U	1
PCB-1242	53469-21-9	U	920	100	ug/kg	U	1
PCB-1248	12672-29-6	U	920	97	ug/kg	U	1
PCB-1254	11097-69-1	U	920	100	ug/kg	U	1
PCB-1260	11096-82-5	U	920	120	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:50 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.59	0.566	mg/kg	U	1
Barium	7440-39-3	13.1	4.59	0.140	mg/kg		1
Cadmium	7440-43-9	0.202	0.459	0.019	mg/kg	J	1
Chromium	7440-47-3	1.68	4.59	0.088	mg/kg	J	1
Lead	7439-92-1	0.881	4.59	0.275	mg/kg	J	1
Selenium	7782-49-2	U	4.59	0.877	mg/kg	U	1
Silver	7440-22-4	1.20	4.59	0.043	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-1S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-016**	Date Collected: **Nov-13-08 13:10**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.20		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-1S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-016**	Date Collected: **Nov-13-08 13:10**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 13:33 Analyst: KAN Date Prep: Dec-08-08 10:51 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	100	10.0	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	100	10.0	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	100	10.0	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	100	11.3	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	100	10.0	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	100	11.0	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	100	10.0	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	100	10.0	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	200	10.0	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	100	13.1	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	100	10.0	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	100	10.0	mg/kg	U	1
2-Chlorophenol	95-57-8	U	100	10.0	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	100	10.5	mg/kg	U	1
2-methylphenol	95-48-7	U	100	12.4	mg/kg	U	1
2-Nitroaniline	88-74-4	U	200	10.4	mg/kg	U	1
2-Nitrophenol	88-75-5	U	100	10.0	mg/kg	U	1
3&4-Methylphenol		U	200	20.2	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	200	19.1	mg/kg	U	1
3-Nitroaniline	99-09-2	U	200	21.3	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	200	11.3	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	100	13.6	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	100	12.2	mg/kg	U	1
4-Chloroaniline	106-47-8	U	200	10.0	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	100	10.0	mg/kg	U	1
4-Nitroaniline	100-01-6	U	200	16.8	mg/kg	U	1
4-Nitrophenol	100-02-7	U	200	17.4	mg/kg	U	1
Acenaphthene	83-32-9	U	100	10.0	mg/kg	U	1
Acenaphthylene	208-96-8	U	100	10.0	mg/kg	U	1
Anthracene	120-12-7	U	100	13.4	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	100	10.0	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	100	10.0	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	100	10.0	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	100	10.0	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	100	10.2	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	100	10.0	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	100	10.0	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	100	10.0	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	100	11.5	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-1S** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-016** Date Collected: **Nov-13-08 13:10** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 13:33 Analyst: KAN Date Prep: Dec-08-08 10:51 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	100	12.3	mg/kg	U	1
Chrysene	218-01-9	U	100	10.0	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	100	12.1	mg/kg	U	1
Dibenzofuran	132-64-9	U	100	11.1	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	100	10.0	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	100	11.4	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	100	10.0	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	100	10.0	mg/kg	U	1
Fluoranthene	206-44-0	U	100	11.0	mg/kg	U	1
Fluorene	86-73-7	U	100	10.0	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	100	10.1	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	100	10.0	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	100	10.0	mg/kg	U	1
Hexachloroethane	67-72-1	U	100	10.7	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	100	14.6	mg/kg	U	1
Isophorone	78-59-1	U	100	16.2	mg/kg	U	1
Naphthalene	91-20-3	U	100	10.7	mg/kg	U	1
Nitrobenzene	98-95-3	U	100	10.0	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	100	10.0	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	100	12.1	mg/kg	U	1
Pentachlorophenol	87-86-5	U	200	14.2	mg/kg	U	1
Phenanthrene	85-01-8	U	100	10.0	mg/kg	U	1
Phenol	108-95-2	U	100	10.0	mg/kg	U	1
Pyrene	129-00-0	U	100	11.4	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-08-08 22:06 Analyst: ANI Date Prep: Dec-08-08 19:33 Tech: ANI
Seq Number: 742788

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	7.3	9.7	1.5	mg/kg	J	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 22:53 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	13000	2500	280	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-1S** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-016** Date Collected: **Nov-13-08 13:10** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-10-08 03:58 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI
Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	240	36	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	240	57	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	240	54	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	240	32	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	240	39	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	240	56	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	240	42	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	240	78	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	240	42	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	240	62	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	240	29	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	240	45	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	240	48	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	240	33	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2400	440	ug/kg	U	50
2-Hexanone	591-78-6	U	2400	55	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2400	160	ug/kg	U	50
Acetone	67-64-1	U	2400	330	ug/kg	U	50
Benzene	71-43-2	750	240	25	ug/kg		50
Bromodichloromethane	75-27-4	U	240	24	ug/kg	U	50
Bromoform	75-25-2	U	240	46	ug/kg	U	50
Bromomethane	74-83-9	U	240	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	240	70	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	240	36	ug/kg	U	50
Chlorobenzene	108-90-7	U	480	28	ug/kg	U	50
Chloroethane	75-00-3	U	240	120	ug/kg	U	50
Chloroform	67-66-3	U	240	36	ug/kg	U	50
Chloromethane	74-87-3	U	240	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	240	32	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	240	26	ug/kg	U	50
Cyclohexane	110-82-7	U	240	46	ug/kg	U	50
Dibromochloromethane	124-48-1	U	240	48	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	240	57	ug/kg	U	50
Ethylbenzene	100-41-4	U	240	27	ug/kg	U	50
Isopropylbenzene	98-82-8	U	240	37	ug/kg	U	50
m,p-Xylenes	179601-23-1	210	480	59	ug/kg	J	50
Methyl acetate	79-20-9	U	240	46	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	240	34	ug/kg	U	50
Methylcyclohexane	108-87-2	U	240	53	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-1S**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-016**	Date Collected: **Nov-13-08 13:10**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-10-08 03:58 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI

Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	170	240	100	ug/kg	J	50
o-Xylene	95-47-6	110	240	35	ug/kg	J	50
Styrene	100-42-5	U	240	36	ug/kg	U	50
Tetrachloroethene	127-18-4	U	240	50	ug/kg	U	50
Toluene	108-88-3	60	240	28	ug/kg	J	50
trans-1,2-Dichloroethene	156-60-5	U	240	38	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	240	32	ug/kg	U	50
Trichloroethene	79-01-6	U	240	34	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	240	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	240	97	ug/kg	U	50
Xylenes, Total	1330-20-7	320	240		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-017**	Date Collected: **Nov-13-08 10:40**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 13:29 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 03:38 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 14:53 Analyst: 4150 Date Prep: Nov-18-08 16:34 Tech: ABA
Seq Number: 740736

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.028	0.010	0.007	mg/L		1
Barium	7440-39-3	0.031	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	0.001	0.005	0.001	mg/L	J	1
Chromium	7440-47-3	0.031	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.010	0.010	0.002	mg/L		1
Selenium	7782-49-2	0.010	0.010	0.008	mg/L	J	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-017**	Date Collected: **Nov-13-08 10:40**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 22:22 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	2.45	10.0	1.19	ug/L	J	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		230	1000	128	ug/L	J	50
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-017**	Date Collected: **Nov-13-08 10:40**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 22:22 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	1370	500	88.0	ug/L	D	50
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-017**	Date Collected: **Nov-13-08 10:40**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 13:11 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148

Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	20.0	3.2	ug/L	U	20
1,1,2,2-Tetrachloroethane	79-34-5	U	20.0	3.6	ug/L	U	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	20.0	2.2	ug/L	U	20
1,1,2-Trichloroethane	79-00-5	U	20.0	5.0	ug/L	U	20
1,1-Dichloroethane	75-34-3	U	20.0	2.2	ug/L	U	20
1,1-Dichloroethene	75-35-4	U	20.0	4.0	ug/L	U	20
1,2,4-Trichlorobenzene	120-82-1	U	20.0	3.4	ug/L	U	20
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	20.0	3.8	ug/L	U	20
1,2-Dibromoethane (EDB)	106-93-4	U	20.0	3.6	ug/L	U	20
1,2-Dichlorobenzene	95-50-1	U	20.0	2.8	ug/L	U	20
1,2-Dichloroethane	107-06-2	U	20.0	3.6	ug/L	U	20
1,2-Dichloropropane	78-87-5	U	20.0	3.0	ug/L	U	20
1,3-Dichlorobenzene	541-73-1	U	20.0	3.4	ug/L	U	20
1,4-Dichlorobenzene	106-46-7	U	20.0	3.4	ug/L	U	20
2-Butanone (MEK)	78-93-3	4600	40.0	5.6	ug/L		20
2-Hexanone	591-78-6	U	40.0	6.4	ug/L	U	20
4-Methyl-2-pentanone (MIBK)	108-10-1	1700	40.0	5.2	ug/L		20
Acetone	67-64-1	230000	2000	350	ug/L	D	1000
Benzene	71-43-2	120	20.0	3.2	ug/L		20
Bromodichloromethane	75-27-4	U	20.0	5.0	ug/L	U	20
Bromoform	75-25-2	U	20.0	3.4	ug/L	U	20
Bromomethane	74-83-9	U	20.0	5.0	ug/L	U	20
Carbon disulfide	75-15-0	U	20.0	5.2	ug/L	U	20
Carbon tetrachloride	56-23-5	U	20.0	6.6	ug/L	U	20
Chlorobenzene	108-90-7	U	20.0	3.0	ug/L	U	20
Chloroethane	75-00-3	U	20.0	5.2	ug/L	U	20
Chloroform	67-66-3	U	20.0	3.2	ug/L	U	20
Chloromethane	74-87-3	U	20.0	5.0	ug/L	U	20
cis-1,2-Dichloroethene	156-59-2	U	20.0	4.2	ug/L	U	20
cis-1,3-Dichloropropene	10061-01-5	U	20.0	2.0	ug/L	U	20
Cyclohexane	110-82-7	U	20.0	3.0	ug/L	U	20
Dibromochloromethane	124-48-1	U	20.0	3.0	ug/L	U	20
Dichlorodifluoromethane	75-71-8	U	20.0	4.4	ug/L	U	20
Ethylbenzene	100-41-4	U	20.0	3.8	ug/L	U	20
Isopropylbenzene	98-82-8	U	20.0	3.0	ug/L	U	20
m,p-Xylenes	179601-23-1	U	40.0	10	ug/L	U	20
Methyl acetate	79-20-9	U	40.0	5.2	ug/L	U	20
Methyl tert-butyl ether	1634-04-4	U	40.0	3.6	ug/L	U	20
Methylcyclohexane	108-87-2	U	20.0	2.2	ug/L	U	20

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-017**	Date Collected: **Nov-13-08 10:40**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 13:11 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148
Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	20.0	8.4	ug/L	U	20
o-Xylene	95-47-6	U	20.0	4.0	ug/L	U	20
Styrene	100-42-5	U	20.0	3.6	ug/L	U	20
Tetrachloroethene	127-18-4	U	20.0	3.2	ug/L	U	20
Toluene	108-88-3	U	20.0	2.8	ug/L	U	20
trans-1,2-Dichloroethene	156-60-5	U	20.0	4.2	ug/L	U	20
trans-1,3-Dichloropropene	10061-02-6	U	20.0	2.2	ug/L	U	20
Trichloroethene	79-01-6	U	20.0	3.8	ug/L	U	20
Trichlorofluoromethane	75-69-4	U	20.0	11	ug/L	U	20
Vinyl chloride	75-01-4	U	20.0	3.8	ug/L	U	20
Xylenes, Total	1330-20-7	U	60.0		ug/L		20

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-03-08 21:54 Analyst: ANI Date Prep: Dec-03-08 16:47 Tech: ANI
Seq Number: 742274

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	1.9	1.0	0.20	mg/L		10

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 22:54 Analyst: SNL Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	96	7.5	0.65	mg/L		5

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740455

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.20	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40208** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-018** Date Collected: **Nov-13-08 08:25** Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 12:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741490

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 13:16 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 04:02 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 14:55 Analyst: 4150 Date Prep: Nov-18-08 16:34 Tech: ABA
Seq Number: 740736

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40208** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-018** Date Collected: **Nov-13-08 08:25** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 22:49 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	14.3	2.04	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	14.3	2.61	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	14.3	3.01	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	14.3	2.30	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	14.3	3.74	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	14.3	2.34	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	14.3	2.54	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	14.3	2.33	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	28.6	10.2	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	14.3	3.06	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	14.3	3.89	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	14.3	1.84	ug/L	U	1
2-Chlorophenol	95-57-8	U	14.3	2.61	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	14.3	1.70	ug/L	U	1
2-methylphenol	95-48-7	U	14.3	2.86	ug/L	U	1
2-Nitroaniline	88-74-4	U	28.6	3.36	ug/L	U	1
2-Nitrophenol	88-75-5	U	14.3	2.79	ug/L	U	1
3&4-Methylphenol		U	28.6	3.64	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	28.6	5.54	ug/L	U	1
3-Nitroaniline	99-09-2	U	28.6	3.93	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	28.6	2.00	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	14.3	3.03	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	14.3	3.11	ug/L	U	1
4-Chloroaniline	106-47-8	U	14.3	4.41	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	14.3	1.93	ug/L	U	1
4-Nitroaniline	100-01-6	U	28.6	4.57	ug/L	U	1
4-Nitrophenol	100-02-7	U	28.6	3.44	ug/L	U	1
Acenaphthene	83-32-9	U	14.3	2.04	ug/L	U	1
Acenaphthylene	208-96-8	U	14.3	2.11	ug/L	U	1
Anthracene	120-12-7	U	14.3	2.87	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	14.3	2.71	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	14.3	2.57	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	14.3	2.81	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	14.3	2.81	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	14.3	3.87	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	14.3	1.79	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	14.3	2.54	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	14.3	1.71	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	14.3	2.60	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40208**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-018**	Date Collected: **Nov-13-08 08:25**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 22:49 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	14.3	2.60	ug/L	U	1
Chrysene	218-01-9	U	14.3	2.99	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	14.3	2.61	ug/L	U	1
Dibenzofuran	132-64-9	U	14.3	2.34	ug/L	U	1
Diethyl Phthalate	84-66-2	U	14.3	2.71	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	14.3	2.81	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	14.3	2.97	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	14.3	1.97	ug/L	U	1
Fluoranthene	206-44-0	U	14.3	2.59	ug/L	U	1
Fluorene	86-73-7	U	14.3	2.23	ug/L	U	1
Hexachlorobenzene	118-74-1	U	14.3	3.16	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	14.3	2.54	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	14.3	2.67	ug/L	U	1
Hexachloroethane	67-72-1	U	14.3	3.40	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	14.3	2.67	ug/L	U	1
Isophorone	78-59-1	U	14.3	2.01	ug/L	U	1
Naphthalene	91-20-3	U	14.3	2.17	ug/L	U	1
Nitrobenzene	98-95-3	U	14.3	2.13	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	14.3	1.94	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	14.3	3.57	ug/L	U	1
Pentachlorophenol	87-86-5	U	28.6	3.23	ug/L	U	1
Phenanthrene	85-01-8	U	14.3	2.91	ug/L	U	1
Phenol	108-95-2	17.7	14.3	2.51	ug/L		1
Pyrene	129-00-0	U	14.3	3.43	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40208** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-018** Date Collected: **Nov-13-08 08:25** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 11:40 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148
Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40208** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-018** Date Collected: **Nov-13-08 08:25** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 11:40 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148
Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	4.5	1.00	0.42	ug/L		1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-30-08 21:14 Analyst: ANI Date Prep: Nov-30-08 14:35 Tech: ANI
Seq Number: 742209

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 11:34 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	0.98	0.86	0.074	mg/L		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40108** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-019** Date Collected: **Nov-12-08 07:50** Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 12:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741490

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 13:32 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 04:25 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 14:57 Analyst: 4150 Date Prep: Nov-18-08 16:34 Tech: ABA
Seq Number: 740736

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40108** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-019** Date Collected: **Nov-12-08 07:50** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 23:17 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	11.6	1.66	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	11.6	2.13	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	11.6	2.45	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	11.6	1.87	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	11.6	3.05	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	11.6	1.91	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	11.6	2.07	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	11.6	1.90	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	23.3	8.27	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	11.6	2.49	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	11.6	3.16	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	11.6	1.50	ug/L	U	1
2-Chlorophenol	95-57-8	U	11.6	2.13	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	11.6	1.38	ug/L	U	1
2-methylphenol	95-48-7	U	11.6	2.33	ug/L	U	1
2-Nitroaniline	88-74-4	U	23.3	2.73	ug/L	U	1
2-Nitrophenol	88-75-5	U	11.6	2.27	ug/L	U	1
3&4-Methylphenol		U	23.3	2.97	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	23.3	4.51	ug/L	U	1
3-Nitroaniline	99-09-2	U	23.3	3.20	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	23.3	1.63	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	11.6	2.47	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	11.6	2.53	ug/L	U	1
4-Chloroaniline	106-47-8	U	11.6	3.59	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	11.6	1.57	ug/L	U	1
4-Nitroaniline	100-01-6	U	23.3	3.72	ug/L	U	1
4-Nitrophenol	100-02-7	U	23.3	2.80	ug/L	U	1
Acenaphthene	83-32-9	U	11.6	1.66	ug/L	U	1
Acenaphthylene	208-96-8	U	11.6	1.72	ug/L	U	1
Anthracene	120-12-7	U	11.6	2.34	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	11.6	2.21	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	11.6	2.09	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	11.6	2.29	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	11.6	2.29	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	11.6	3.15	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	11.6	1.45	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	11.6	2.07	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	11.6	1.40	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	11.6	2.12	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40108**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-019**	Date Collected: **Nov-12-08 07:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 23:17 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	11.6	2.12	ug/L	U	1
Chrysene	218-01-9	U	11.6	2.43	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	11.6	2.13	ug/L	U	1
Dibenzofuran	132-64-9	U	11.6	1.91	ug/L	U	1
Diethyl Phthalate	84-66-2	U	11.6	2.21	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	11.6	2.29	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	11.6	2.42	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	11.6	1.60	ug/L	U	1
Fluoranthene	206-44-0	U	11.6	2.10	ug/L	U	1
Fluorene	86-73-7	U	11.6	1.81	ug/L	U	1
Hexachlorobenzene	118-74-1	U	11.6	2.57	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	11.6	2.07	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	11.6	2.17	ug/L	U	1
Hexachloroethane	67-72-1	U	11.6	2.77	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	11.6	2.17	ug/L	U	1
Isophorone	78-59-1	U	11.6	1.64	ug/L	U	1
Naphthalene	91-20-3	U	11.6	1.77	ug/L	U	1
Nitrobenzene	98-95-3	U	11.6	1.73	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	11.6	1.58	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	11.6	2.91	ug/L	U	1
Pentachlorophenol	87-86-5	U	23.3	2.63	ug/L	U	1
Phenanthrene	85-01-8	U	11.6	2.37	ug/L	U	1
Phenol	108-95-2	U	11.6	2.05	ug/L	U	1
Pyrene	129-00-0	U	11.6	2.79	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40108** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-019** Date Collected: **Nov-12-08 07:50** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 12:09 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148
Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40108** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-019** Date Collected: **Nov-12-08 07:50** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 12:09 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148
Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	5.2	1.00	0.42	ug/L		1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-30-08 21:45 Analyst: ANI Date Prep: Nov-30-08 14:35 Tech: ANI
Seq Number: 742209

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 12:00 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	0.46	0.35	0.030	mg/L		1

Project: Xenco-Atlanta Master Project

Version: 1.096

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-3**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-020**	Date Collected: **Nov-13-08 09:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 13:36 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 04:49 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 14:58 Analyst: 4150 Date Prep: Nov-18-08 16:34 Tech: ABA
Seq Number: 740736

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.030	0.010	0.007	mg/L		1
Barium	7440-39-3	0.008	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	0.001	0.005	0.001	mg/L	J	1
Chromium	7440-47-3	0.075	0.050	0.001	mg/L		1
Lead	7439-92-1	0.013	0.010	0.002	mg/L		1
Selenium	7782-49-2	0.010	0.010	0.008	mg/L	J	1
Silver	7440-22-4	0.001	0.050	0.001	mg/L	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-3** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-020** Date Collected: **Nov-13-08 09:50** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 23:44 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	7.20	50.0	7.15	ug/L	J	5
1,2-Dichlorobenzene	95-50-1	U	50.0	9.15	ug/L	U	5
1,3-Dichlorobenzene	541-73-1	U	50.0	10.6	ug/L	U	5
1,4-Dichlorobenzene	106-46-7	U	50.0	8.05	ug/L	U	5
2,4,5-Trichlorophenol	95-95-4	U	50.0	13.1	ug/L	U	5
2,4,6-Trichlorophenol	88-06-2	U	50.0	8.20	ug/L	U	5
2,4-Dichlorophenol	120-83-2	U	50.0	8.90	ug/L	U	5
2,4-Dimethylphenol	105-67-9	U	50.0	8.15	ug/L	U	5
2,4-Dinitrophenol	51-28-5	U	100	35.6	ug/L	U	5
2,4-Dinitrotoluene	121-14-2	U	50.0	10.7	ug/L	U	5
2,6-Dinitrotoluene	606-20-2	U	50.0	13.6	ug/L	U	5
2-Chloronaphthalene	91-58-7	U	50.0	6.45	ug/L	U	5
2-Chlorophenol	95-57-8	U	50.0	9.15	ug/L	U	5
2-Methylnaphthalene	91-57-6	U	50.0	5.95	ug/L	U	5
2-methylphenol	95-48-7	101	50.0	10.0	ug/L		5
2-Nitroaniline	88-74-4	U	100	11.8	ug/L	U	5
2-Nitrophenol	88-75-5	U	50.0	9.75	ug/L	U	5
3&4-Methylphenol		489	100	12.8	ug/L		5
3,3-Dichlorobenzidine	91-94-1	U	100	19.4	ug/L	U	5
3-Nitroaniline	99-09-2	U	100	13.8	ug/L	U	5
4,6-dinitro-2-methyl phenol	534-52-1	U	100	7.00	ug/L	U	5
4-Bromophenyl-phenylether	101-55-3	U	50.0	10.6	ug/L	U	5
4-chloro-3-methylphenol	59-50-7	U	50.0	10.9	ug/L	U	5
4-Chloroaniline	106-47-8	U	50.0	15.5	ug/L	U	5
4-Chlorophenyl Phenyl Ether	7005-72-3	U	50.0	6.75	ug/L	U	5
4-Nitroaniline	100-01-6	U	100	16.0	ug/L	U	5
4-Nitrophenol	100-02-7	U	100	12.1	ug/L	U	5
Acenaphthene	83-32-9	U	50.0	7.15	ug/L	U	5
Acenaphthylene	208-96-8	U	50.0	7.40	ug/L	U	5
Anthracene	120-12-7	U	50.0	10.1	ug/L	U	5
Benzo(a)anthracene	56-55-3	U	50.0	9.50	ug/L	U	5
Benzo(a)pyrene	50-32-8	U	50.0	9.00	ug/L	U	5
Benzo(b)fluoranthene	205-99-2	U	50.0	9.85	ug/L	U	5
Benzo(g,h,i)perylene	191-24-2	U	50.0	9.85	ug/L	U	5
Benzo(k)fluoranthene	207-08-9	U	50.0	13.6	ug/L	U	5
bis(2-chloroethoxy) methane	111-91-1	U	50.0	6.25	ug/L	U	5
bis(2-chloroethyl) ether	111-44-4	U	50.0	8.90	ug/L	U	5
bis(2-ethylhexyl) phthalate	117-81-7	U	50.0	6.00	ug/L	U	5
Benzyl Butyl Phthalate	85-68-7	U	50.0	9.10	ug/L	U	5

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-3**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-020**	Date Collected: **Nov-13-08 09:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 23:44 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	50.0	9.10	ug/L	U	5
Chrysene	218-01-9	U	50.0	10.5	ug/L	U	5
Dibenz(a,h)anthracene	53-70-3	U	50.0	9.15	ug/L	U	5
Dibenzofuran	132-64-9	U	50.0	8.20	ug/L	U	5
Diethyl Phthalate	84-66-2	U	50.0	9.50	ug/L	U	5
Dimethyl Phthalate	131-11-3	U	50.0	9.85	ug/L	U	5
di-n-Butyl Phthalate	84-74-2	U	50.0	10.4	ug/L	U	5
di-n-Octyl Phthalate	117-84-0	U	50.0	6.90	ug/L	U	5
Fluoranthene	206-44-0	U	50.0	9.05	ug/L	U	5
Fluorene	86-73-7	U	50.0	7.80	ug/L	U	5
Hexachlorobenzene	118-74-1	U	50.0	11.1	ug/L	U	5
Hexachlorobutadiene	87-68-3	U	50.0	8.90	ug/L	U	5
Hexachlorocyclopentadiene	77-47-4	U	50.0	9.35	ug/L	U	5
Hexachloroethane	67-72-1	U	50.0	11.9	ug/L	U	5
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	50.0	9.35	ug/L	U	5
Isophorone	78-59-1	U	50.0	7.05	ug/L	U	5
Naphthalene	91-20-3	U	50.0	7.60	ug/L	U	5
Nitrobenzene	98-95-3	U	50.0	7.45	ug/L	U	5
N-Nitrosodi-n-Propylamine	621-64-7	U	50.0	6.80	ug/L	U	5
N-Nitrosodiphenylamine	86-30-6	U	50.0	12.5	ug/L	U	5
Pentachlorophenol	87-86-5	U	100	11.3	ug/L	U	5
Phenanthrene	85-01-8	U	50.0	10.2	ug/L	U	5
Phenol	108-95-2	103000	10000	1760	ug/L	D	200
Pyrene	129-00-0	U	50.0	12.0	ug/L	U	5

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-3** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-020** Date Collected: **Nov-13-08 09:50** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 13:42 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148
Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	20.0	3.2	ug/L	U	20
1,1,2,2-Tetrachloroethane	79-34-5	U	20.0	3.6	ug/L	U	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	20.0	2.2	ug/L	U	20
1,1,2-Trichloroethane	79-00-5	U	20.0	5.0	ug/L	U	20
1,1-Dichloroethane	75-34-3	U	20.0	2.2	ug/L	U	20
1,1-Dichloroethene	75-35-4	U	20.0	4.0	ug/L	U	20
1,2,4-Trichlorobenzene	120-82-1	U	20.0	3.4	ug/L	U	20
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	20.0	3.8	ug/L	U	20
1,2-Dibromoethane (EDB)	106-93-4	U	20.0	3.6	ug/L	U	20
1,2-Dichlorobenzene	95-50-1	U	20.0	2.8	ug/L	U	20
1,2-Dichloroethane	107-06-2	U	20.0	3.6	ug/L	U	20
1,2-Dichloropropane	78-87-5	U	20.0	3.0	ug/L	U	20
1,3-Dichlorobenzene	541-73-1	U	20.0	3.4	ug/L	U	20
1,4-Dichlorobenzene	106-46-7	U	20.0	3.4	ug/L	U	20
2-Butanone (MEK)	78-93-3	1400	40.0	5.6	ug/L		20
2-Hexanone	591-78-6	U	40.0	6.4	ug/L	U	20
4-Methyl-2-pentanone (MIBK)	108-10-1	620	40.0	5.2	ug/L		20
Acetone	67-64-1	140000	2000	350	ug/L	D	1000
Benzene	71-43-2	23	20.0	3.2	ug/L		20
Bromodichloromethane	75-27-4	U	20.0	5.0	ug/L	U	20
Bromoform	75-25-2	U	20.0	3.4	ug/L	U	20
Bromomethane	74-83-9	U	20.0	5.0	ug/L	U	20
Carbon disulfide	75-15-0	33	20.0	5.2	ug/L		20
Carbon tetrachloride	56-23-5	U	20.0	6.6	ug/L	U	20
Chlorobenzene	108-90-7	U	20.0	3.0	ug/L	U	20
Chloroethane	75-00-3	U	20.0	5.2	ug/L	U	20
Chloroform	67-66-3	U	20.0	3.2	ug/L	U	20
Chloromethane	74-87-3	U	20.0	5.0	ug/L	U	20
cis-1,2-Dichloroethene	156-59-2	U	20.0	4.2	ug/L	U	20
cis-1,3-Dichloropropene	10061-01-5	U	20.0	2.0	ug/L	U	20
Cyclohexane	110-82-7	U	20.0	3.0	ug/L	U	20
Dibromochloromethane	124-48-1	U	20.0	3.0	ug/L	U	20
Dichlorodifluoromethane	75-71-8	U	20.0	4.4	ug/L	U	20
Ethylbenzene	100-41-4	U	20.0	3.8	ug/L	U	20
Isopropylbenzene	98-82-8	U	20.0	3.0	ug/L	U	20
m,p-Xylenes	179601-23-1	U	40.0	10	ug/L	U	20
Methyl acetate	79-20-9	U	40.0	5.2	ug/L	U	20
Methyl tert-butyl ether	1634-04-4	U	40.0	3.6	ug/L	U	20
Methylcyclohexane	108-87-2	U	20.0	2.2	ug/L	U	20

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **OP-3** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-020** Date Collected: **Nov-13-08 09:50** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 13:42 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148
Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	20.0	8.4	ug/L	U	20
o-Xylene	95-47-6	U	20.0	4.0	ug/L	U	20
Styrene	100-42-5	U	20.0	3.6	ug/L	U	20
Tetrachloroethene	127-18-4	U	20.0	3.2	ug/L	U	20
Toluene	108-88-3	U	20.0	2.8	ug/L	U	20
trans-1,2-Dichloroethene	156-60-5	U	20.0	4.2	ug/L	U	20
trans-1,3-Dichloropropene	10061-02-6	U	20.0	2.2	ug/L	U	20
Trichloroethene	79-01-6	U	20.0	3.8	ug/L	U	20
Trichlorofluoromethane	75-69-4	U	20.0	11	ug/L	U	20
Vinyl chloride	75-01-4	U	20.0	3.8	ug/L	U	20
Xylenes, Total	1330-20-7	U	60.0		ug/L		20

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-03-08 23:26 Analyst: ANI Date Prep: Dec-03-08 16:47 Tech: ANI
Seq Number: 742274

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	1.5	1.0	0.20	mg/L		10

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 23:19 Analyst: SNL Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	130	15	1.3	mg/L		50

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740455

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.60	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40408**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-021**	Date Collected: **Nov-13-08 00:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 13:46 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 05:13 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 15:00 Analyst: 4150 Date Prep: Nov-18-08 16:34 Tech: ABA
Seq Number: 740736

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.039	0.010	0.007	mg/L		1
Barium	7440-39-3	0.006	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	0.003	0.005	0.001	mg/L	J	1
Chromium	7440-47-3	0.022	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.012	0.010	0.002	mg/L		1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40408**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-021**	Date Collected: **Nov-13-08 00:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-21-08 00:11 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	125	17.9	ug/L	U	12.5
1,2-Dichlorobenzene	95-50-1	U	125	22.9	ug/L	U	12.5
1,3-Dichlorobenzene	541-73-1	U	125	26.4	ug/L	U	12.5
1,4-Dichlorobenzene	106-46-7	U	125	20.1	ug/L	U	12.5
2,4,5-Trichlorophenol	95-95-4	U	125	32.8	ug/L	U	12.5
2,4,6-Trichlorophenol	88-06-2	U	125	20.5	ug/L	U	12.5
2,4-Dichlorophenol	120-83-2	U	125	22.3	ug/L	U	12.5
2,4-Dimethylphenol	105-67-9	U	125	20.4	ug/L	U	12.5
2,4-Dinitrophenol	51-28-5	U	250	88.9	ug/L	U	12.5
2,4-Dinitrotoluene	121-14-2	U	125	26.8	ug/L	U	12.5
2,6-Dinitrotoluene	606-20-2	U	125	34.0	ug/L	U	12.5
2-Chloronaphthalene	91-58-7	U	125	16.1	ug/L	U	12.5
2-Chlorophenol	95-57-8	U	125	22.9	ug/L	U	12.5
2-Methylnaphthalene	91-57-6	U	125	14.9	ug/L	U	12.5
2-methylphenol	95-48-7	156	125	25.0	ug/L		12.5
2-Nitroaniline	88-74-4	U	250	29.4	ug/L	U	12.5
2-Nitrophenol	88-75-5	65.1	125	24.4	ug/L	J	12.5
3&4-Methylphenol		379	250	31.9	ug/L		12.5
3,3-Dichlorobenzidine	91-94-1	U	250	48.5	ug/L	U	12.5
3-Nitroaniline	99-09-2	U	250	34.4	ug/L	U	12.5
4,6-dinitro-2-methyl phenol	534-52-1	U	250	17.5	ug/L	U	12.5
4-Bromophenyl-phenylether	101-55-3	U	125	26.5	ug/L	U	12.5
4-chloro-3-methylphenol	59-50-7	U	125	27.3	ug/L	U	12.5
4-Chloroaniline	106-47-8	U	125	38.6	ug/L	U	12.5
4-Chlorophenyl Phenyl Ether	7005-72-3	U	125	16.9	ug/L	U	12.5
4-Nitroaniline	100-01-6	U	250	40.0	ug/L	U	12.5
4-Nitrophenol	100-02-7	U	250	30.1	ug/L	U	12.5
Acenaphthene	83-32-9	U	125	17.9	ug/L	U	12.5
Acenaphthylene	208-96-8	U	125	18.5	ug/L	U	12.5
Anthracene	120-12-7	U	125	25.1	ug/L	U	12.5
Benzo(a)anthracene	56-55-3	U	125	23.8	ug/L	U	12.5
Benzo(a)pyrene	50-32-8	U	125	22.5	ug/L	U	12.5
Benzo(b)fluoranthene	205-99-2	U	125	24.6	ug/L	U	12.5
Benzo(g,h,i)perylene	191-24-2	U	125	24.6	ug/L	U	12.5
Benzo(k)fluoranthene	207-08-9	U	125	33.9	ug/L	U	12.5
bis(2-chloroethoxy) methane	111-91-1	U	125	15.6	ug/L	U	12.5
bis(2-chloroethyl) ether	111-44-4	U	125	22.3	ug/L	U	12.5
bis(2-ethylhexyl) phthalate	117-81-7	U	125	15.0	ug/L	U	12.5
Benzyl Butyl Phthalate	85-68-7	U	125	22.8	ug/L	U	12.5

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40408**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-021**	Date Collected: **Nov-13-08 00:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-21-08 00:11 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	125	22.8	ug/L	U	12.5
Chrysene	218-01-9	U	125	26.1	ug/L	U	12.5
Dibenz(a,h)anthracene	53-70-3	U	125	22.9	ug/L	U	12.5
Dibenzofuran	132-64-9	U	125	20.5	ug/L	U	12.5
Diethyl Phthalate	84-66-2	U	125	23.8	ug/L	U	12.5
Dimethyl Phthalate	131-11-3	U	125	24.6	ug/L	U	12.5
di-n-Butyl Phthalate	84-74-2	U	125	26.0	ug/L	U	12.5
di-n-Octyl Phthalate	117-84-0	U	125	17.3	ug/L	U	12.5
Fluoranthene	206-44-0	U	125	22.6	ug/L	U	12.5
Fluorene	86-73-7	U	125	19.5	ug/L	U	12.5
Hexachlorobenzene	118-74-1	U	125	27.6	ug/L	U	12.5
Hexachlorobutadiene	87-68-3	U	125	22.3	ug/L	U	12.5
Hexachlorocyclopentadiene	77-47-4	U	125	23.4	ug/L	U	12.5
Hexachloroethane	67-72-1	U	125	29.8	ug/L	U	12.5
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	125	23.4	ug/L	U	12.5
Isophorone	78-59-1	U	125	17.6	ug/L	U	12.5
Naphthalene	91-20-3	U	125	19.0	ug/L	U	12.5
Nitrobenzene	98-95-3	U	125	18.6	ug/L	U	12.5
N-Nitrosodi-n-Propylamine	621-64-7	U	125	17.0	ug/L	U	12.5
N-Nitrosodiphenylamine	86-30-6	U	125	31.3	ug/L	U	12.5
Pentachlorophenol	87-86-5	U	250	28.3	ug/L	U	12.5
Phenanthrene	85-01-8	U	125	25.5	ug/L	U	12.5
Phenol	108-95-2	53800	12500	2200	ug/L	D	100
Pyrene	129-00-0	U	125	30.0	ug/L	U	12.5

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40408**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-021**	Date Collected: **Nov-13-08 00:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 14:13 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148

Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	20.0	3.2	ug/L	U	20
1,1,2,2-Tetrachloroethane	79-34-5	U	20.0	3.6	ug/L	U	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	20.0	2.2	ug/L	U	20
1,1,2-Trichloroethane	79-00-5	U	20.0	5.0	ug/L	U	20
1,1-Dichloroethane	75-34-3	U	20.0	2.2	ug/L	U	20
1,1-Dichloroethene	75-35-4	U	20.0	4.0	ug/L	U	20
1,2,4-Trichlorobenzene	120-82-1	U	20.0	3.4	ug/L	U	20
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	20.0	3.8	ug/L	U	20
1,2-Dibromoethane (EDB)	106-93-4	U	20.0	3.6	ug/L	U	20
1,2-Dichlorobenzene	95-50-1	U	20.0	2.8	ug/L	U	20
1,2-Dichloroethane	107-06-2	U	20.0	3.6	ug/L	U	20
1,2-Dichloropropane	78-87-5	U	20.0	3.0	ug/L	U	20
1,3-Dichlorobenzene	541-73-1	U	20.0	3.4	ug/L	U	20
1,4-Dichlorobenzene	106-46-7	U	20.0	3.4	ug/L	U	20
2-Butanone (MEK)	78-93-3	5000	40.0	5.6	ug/L		20
2-Hexanone	591-78-6	U	40.0	6.4	ug/L	U	20
4-Methyl-2-pentanone (MIBK)	108-10-1	300	40.0	5.2	ug/L		20
Acetone	67-64-1	110000	1000	180	ug/L	D	500
Benzene	71-43-2	62	20.0	3.2	ug/L		20
Bromodichloromethane	75-27-4	U	20.0	5.0	ug/L	U	20
Bromoform	75-25-2	U	20.0	3.4	ug/L	U	20
Bromomethane	74-83-9	U	20.0	5.0	ug/L	U	20
Carbon disulfide	75-15-0	U	20.0	5.2	ug/L	U	20
Carbon tetrachloride	56-23-5	U	20.0	6.6	ug/L	U	20
Chlorobenzene	108-90-7	U	20.0	3.0	ug/L	U	20
Chloroethane	75-00-3	U	20.0	5.2	ug/L	U	20
Chloroform	67-66-3	U	20.0	3.2	ug/L	U	20
Chloromethane	74-87-3	U	20.0	5.0	ug/L	U	20
cis-1,2-Dichloroethene	156-59-2	U	20.0	4.2	ug/L	U	20
cis-1,3-Dichloropropene	10061-01-5	U	20.0	2.0	ug/L	U	20
Cyclohexane	110-82-7	U	20.0	3.0	ug/L	U	20
Dibromochloromethane	124-48-1	U	20.0	3.0	ug/L	U	20
Dichlorodifluoromethane	75-71-8	U	20.0	4.4	ug/L	U	20
Ethylbenzene	100-41-4	U	20.0	3.8	ug/L	U	20
Isopropylbenzene	98-82-8	U	20.0	3.0	ug/L	U	20
m,p-Xylenes	179601-23-1	U	40.0	10	ug/L	U	20
Methyl acetate	79-20-9	U	40.0	5.2	ug/L	U	20
Methyl tert-butyl ether	1634-04-4	U	40.0	3.6	ug/L	U	20
Methylcyclohexane	108-87-2	U	20.0	2.2	ug/L	U	20

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40408**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-021**	Date Collected: **Nov-13-08 00:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 14:13 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148
Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	20.0	8.4	ug/L	U	20
o-Xylene	95-47-6	U	20.0	4.0	ug/L	U	20
Styrene	100-42-5	U	20.0	3.6	ug/L	U	20
Tetrachloroethene	127-18-4	U	20.0	3.2	ug/L	U	20
Toluene	108-88-3	U	20.0	2.8	ug/L	U	20
trans-1,2-Dichloroethene	156-60-5	U	20.0	4.2	ug/L	U	20
trans-1,3-Dichloropropene	10061-02-6	U	20.0	2.2	ug/L	U	20
Trichloroethene	79-01-6	U	20.0	3.8	ug/L	U	20
Trichlorofluoromethane	75-69-4	U	20.0	11	ug/L	U	20
Vinyl chloride	75-01-4	U	20.0	3.8	ug/L	U	20
Xylenes, Total	1330-20-7	U	60.0		ug/L		20

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-03-08 22:24 Analyst: ANI Date Prep: Dec-03-08 16:47 Tech: ANI
Seq Number: 742274

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	1.5	1.0	0.20	mg/L		10

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 23:44 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	280	38	3.3	mg/L		10

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740455

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	9.20	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-022**	Date Collected: **Nov-13-08 13:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 13:49 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 05:36 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 15:02 Analyst: 4150 Date Prep: Nov-18-08 16:34 Tech: ABA
Seq Number: 740736

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.026	0.010	0.007	mg/L		1
Barium	7440-39-3	0.121	0.050	0.002	mg/L		1
Cadmium	7440-43-9	0.002	0.005	0.001	mg/L	J	1
Chromium	7440-47-3	0.068	0.050	0.001	mg/L		1
Lead	7439-92-1	0.018	0.010	0.002	mg/L		1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	0.008	0.050	0.001	mg/L	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-022**	Date Collected: **Nov-13-08 13:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-21-08 00:39 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	100	14.3	ug/L	U	10
1,2-Dichlorobenzene	95-50-1	U	100	18.3	ug/L	U	10
1,3-Dichlorobenzene	541-73-1	U	100	21.1	ug/L	U	10
1,4-Dichlorobenzene	106-46-7	U	100	16.1	ug/L	U	10
2,4,5-Trichlorophenol	95-95-4	U	100	26.2	ug/L	U	10
2,4,6-Trichlorophenol	88-06-2	U	100	16.4	ug/L	U	10
2,4-Dichlorophenol	120-83-2	U	100	17.8	ug/L	U	10
2,4-Dimethylphenol	105-67-9	U	100	16.3	ug/L	U	10
2,4-Dinitrophenol	51-28-5	U	200	71.1	ug/L	U	10
2,4-Dinitrotoluene	121-14-2	U	100	21.4	ug/L	U	10
2,6-Dinitrotoluene	606-20-2	U	100	27.2	ug/L	U	10
2-Chloronaphthalene	91-58-7	U	100	12.9	ug/L	U	10
2-Chlorophenol	95-57-8	U	100	18.3	ug/L	U	10
2-Methylnaphthalene	91-57-6	U	100	11.9	ug/L	U	10
2-methylphenol	95-48-7	U	100	20.0	ug/L	U	10
2-Nitroaniline	88-74-4	U	200	23.5	ug/L	U	10
2-Nitrophenol	88-75-5	U	100	19.5	ug/L	U	10
3&4-Methylphenol		198	200	25.5	ug/L	J	10
3,3-Dichlorobenzidine	91-94-1	U	200	38.8	ug/L	U	10
3-Nitroaniline	99-09-2	U	200	27.5	ug/L	U	10
4,6-dinitro-2-methyl phenol	534-52-1	U	200	14.0	ug/L	U	10
4-Bromophenyl-phenylether	101-55-3	U	100	21.2	ug/L	U	10
4-chloro-3-methylphenol	59-50-7	U	100	21.8	ug/L	U	10
4-Chloroaniline	106-47-8	U	100	30.9	ug/L	U	10
4-Chlorophenyl Phenyl Ether	7005-72-3	U	100	13.5	ug/L	U	10
4-Nitroaniline	100-01-6	U	200	32.0	ug/L	U	10
4-Nitrophenol	100-02-7	U	200	24.1	ug/L	U	10
Acenaphthene	83-32-9	U	100	14.3	ug/L	U	10
Acenaphthylene	208-96-8	U	100	14.8	ug/L	U	10
Anthracene	120-12-7	U	100	20.1	ug/L	U	10
Benzo(a)anthracene	56-55-3	U	100	19.0	ug/L	U	10
Benzo(a)pyrene	50-32-8	U	100	18.0	ug/L	U	10
Benzo(b)fluoranthene	205-99-2	U	100	19.7	ug/L	U	10
Benzo(g,h,i)perylene	191-24-2	U	100	19.7	ug/L	U	10
Benzo(k)fluoranthene	207-08-9	U	100	27.1	ug/L	U	10
bis(2-chloroethoxy) methane	111-91-1	U	100	12.5	ug/L	U	10
bis(2-chloroethyl) ether	111-44-4	U	100	17.8	ug/L	U	10
bis(2-ethylhexyl) phthalate	117-81-7	U	100	12.0	ug/L	U	10
Benzyl Butyl Phthalate	85-68-7	U	100	18.2	ug/L	U	10

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317746-022**	Date Collected: **Nov-13-08 13:50**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-21-08 00:39 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	100	18.2	ug/L	U	10
Chrysene	218-01-9	U	100	20.9	ug/L	U	10
Dibenz(a,h)anthracene	53-70-3	U	100	18.3	ug/L	U	10
Dibenzofuran	132-64-9	U	100	16.4	ug/L	U	10
Diethyl Phthalate	84-66-2	U	100	19.0	ug/L	U	10
Dimethyl Phthalate	131-11-3	U	100	19.7	ug/L	U	10
di-n-Butyl Phthalate	84-74-2	U	100	20.8	ug/L	U	10
di-n-Octyl Phthalate	117-84-0	U	100	13.8	ug/L	U	10
Fluoranthene	206-44-0	U	100	18.1	ug/L	U	10
Fluorene	86-73-7	U	100	15.6	ug/L	U	10
Hexachlorobenzene	118-74-1	U	100	22.1	ug/L	U	10
Hexachlorobutadiene	87-68-3	U	100	17.8	ug/L	U	10
Hexachlorocyclopentadiene	77-47-4	U	100	18.7	ug/L	U	10
Hexachloroethane	67-72-1	U	100	23.8	ug/L	U	10
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	100	18.7	ug/L	U	10
Isophorone	78-59-1	U	100	14.1	ug/L	U	10
Naphthalene	91-20-3	U	100	15.2	ug/L	U	10
Nitrobenzene	98-95-3	U	100	14.9	ug/L	U	10
N-Nitrosodi-n-Propylamine	621-64-7	U	100	13.6	ug/L	U	10
N-Nitrosodiphenylamine	86-30-6	U	100	25.0	ug/L	U	10
Pentachlorophenol	87-86-5	U	200	22.6	ug/L	U	10
Phenanthrene	85-01-8	U	100	20.4	ug/L	U	10
Phenol	108-95-2	159	100	17.6	ug/L		10
Pyrene	129-00-0	U	100	24.0	ug/L	U	10

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-022** Date Collected: **Nov-13-08 13:50** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 14:44 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148
Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	100	2.00	0.35	ug/L		1
Benzene	71-43-2	5.9	1.00	0.16	ug/L		1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317746-022** Date Collected: **Nov-13-08 13:50** Date Received: **Nov-14-08 10:07**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 14:44 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148
Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-03-08 22:55 Analyst: ANI Date Prep: Dec-03-08 16:47 Tech: ANI
Seq Number: 742274

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	1.2	1.0	0.20	mg/L		10

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-26-08 00:09 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	210	30	2.6	mg/L		10

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740455

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.80	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-35**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-023**	Date Collected: **Nov-11-08 16:15**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:34 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	0.0063	0.0500	0.0030	mg/kg	J	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 09:33 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	900	100	ug/kg	U	1
PCB-1221	11104-28-2	U	900	94	ug/kg	U	1
PCB-1232	11141-16-5	U	900	91	ug/kg	U	1
PCB-1242	53469-21-9	U	900	100	ug/kg	U	1
PCB-1248	12672-29-6	U	900	95	ug/kg	U	1
PCB-1254	11097-69-1	U	900	100	ug/kg	U	1
PCB-1260	11096-82-5	U	900	110	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:52 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.95	0.611	mg/kg	U	1
Barium	7440-39-3	21.6	4.95	0.151	mg/kg		1
Cadmium	7440-43-9	0.673	0.495	0.021	mg/kg		1
Chromium	7440-47-3	10.3	4.95	0.095	mg/kg		1
Lead	7439-92-1	2.71	4.95	0.297	mg/kg	J	1
Selenium	7782-49-2	U	4.95	0.947	mg/kg	U	1
Silver	7440-22-4	0.208	4.95	0.047	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-35**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-023**	Date Collected: **Nov-11-08 16:15**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.50		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-35**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-023**	Date Collected: **Nov-11-08 16:15**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-11-08 15:26 Analyst: KAN Date Prep: Dec-08-08 10:54 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	417	41.7	mg/kg	U	5
1,2-Dichlorobenzene	95-50-1	U	417	41.7	mg/kg	U	5
1,3-Dichlorobenzene	541-73-1	U	417	41.7	mg/kg	U	5
1,4-Dichlorobenzene	106-46-7	U	417	47.0	mg/kg	U	5
2,4,5-Trichlorophenol	95-95-4	U	417	41.7	mg/kg	U	5
2,4,6-Trichlorophenol	88-06-2	U	417	46.0	mg/kg	U	5
2,4-Dichlorophenol	120-83-2	U	417	41.7	mg/kg	U	5
2,4-Dimethylphenol	105-67-9	U	417	41.7	mg/kg	U	5
2,4-Dinitrophenol	51-28-5	U	833	41.7	mg/kg	U	5
2,4-Dinitrotoluene	121-14-2	U	417	54.5	mg/kg	U	5
2,6-Dinitrotoluene	606-20-2	U	417	41.7	mg/kg	U	5
2-Chloronaphthalene	91-58-7	U	417	41.7	mg/kg	U	5
2-Chlorophenol	95-57-8	U	417	41.7	mg/kg	U	5
2-Methylnaphthalene	91-57-6	U	417	43.7	mg/kg	U	5
2-methylphenol	95-48-7	U	417	51.8	mg/kg	U	5
2-Nitroaniline	88-74-4	U	833	43.5	mg/kg	U	5
2-Nitrophenol	88-75-5	U	417	41.7	mg/kg	U	5
3&4-Methylphenol		U	833	84.3	mg/kg	U	5
3,3-Dichlorobenzidine	91-94-1	U	833	79.6	mg/kg	U	5
3-Nitroaniline	99-09-2	U	833	88.6	mg/kg	U	5
4,6-dinitro-2-methyl phenol	534-52-1	U	833	47.2	mg/kg	U	5
4-Bromophenyl-phenylether	101-55-3	U	417	56.5	mg/kg	U	5
4-chloro-3-methylphenol	59-50-7	U	417	50.8	mg/kg	U	5
4-Chloroaniline	106-47-8	U	833	41.7	mg/kg	U	5
4-Chlorophenyl Phenyl Ether	7005-72-3	U	417	41.7	mg/kg	U	5
4-Nitroaniline	100-01-6	U	833	70.0	mg/kg	U	5
4-Nitrophenol	100-02-7	U	833	72.3	mg/kg	U	5
Acenaphthene	83-32-9	U	417	41.7	mg/kg	U	5
Acenaphthylene	208-96-8	U	417	41.7	mg/kg	U	5
Anthracene	120-12-7	U	417	55.7	mg/kg	U	5
Benzo(a)anthracene	56-55-3	U	417	41.7	mg/kg	U	5
Benzo(a)pyrene	50-32-8	U	417	41.7	mg/kg	U	5
Benzo(b)fluoranthene	205-99-2	U	417	41.7	mg/kg	U	5
Benzo(g,h,i)perylene	191-24-2	U	417	41.7	mg/kg	U	5
Benzo(k)fluoranthene	207-08-9	U	417	42.5	mg/kg	U	5
bis(2-chloroethoxy) methane	111-91-1	U	417	41.7	mg/kg	U	5
bis(2-chloroethyl) ether	111-44-4	U	417	41.7	mg/kg	U	5
bis(2-ethylhexyl) phthalate	117-81-7	U	417	41.7	mg/kg	U	5
Butyl benzyl phthalate	85-68-7	U	417	47.8	mg/kg	U	5

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-35**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-023**	Date Collected: **Nov-11-08 16:15**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-11-08 15:26 Analyst: KAN Date Prep: Dec-08-08 10:54 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	417	51.3	mg/kg	U	5
Chrysene	218-01-9	U	417	41.7	mg/kg	U	5
Dibenz(a,h)Anthracene	53-70-3	U	417	50.5	mg/kg	U	5
Dibenzofuran	132-64-9	U	417	46.2	mg/kg	U	5
Diethyl Phthalate	84-66-2	U	417	41.7	mg/kg	U	5
Dimethyl Phthalate	131-11-3	U	417	47.4	mg/kg	U	5
di-n-Butyl Phthalate	84-74-2	U	417	41.7	mg/kg	U	5
di-n-Octyl Phthalate	117-84-0	U	417	41.7	mg/kg	U	5
Fluoranthene	206-44-0	U	417	45.9	mg/kg	U	5
Fluorene	86-73-7	U	417	41.7	mg/kg	U	5
Hexachlorobenzene	118-74-1	U	417	42.1	mg/kg	U	5
Hexachlorobutadiene	87-68-3	U	417	41.7	mg/kg	U	5
Hexachlorocyclopentadiene	77-47-4	U	417	41.7	mg/kg	U	5
Hexachloroethane	67-72-1	U	417	44.6	mg/kg	U	5
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	417	60.9	mg/kg	U	5
Isophorone	78-59-1	U	417	67.5	mg/kg	U	5
Naphthalene	91-20-3	U	417	44.6	mg/kg	U	5
Nitrobenzene	98-95-3	U	417	41.7	mg/kg	U	5
N-Nitrosodi-n-Propylamine	621-64-7	U	417	41.7	mg/kg	U	5
N-Nitrosodiphenylamine	86-30-6	U	417	50.2	mg/kg	U	5
Pentachlorophenol	87-86-5	U	833	59.3	mg/kg	U	5
Phenanthrene	85-01-8	U	417	41.7	mg/kg	U	5
Phenol	108-95-2	U	417	41.7	mg/kg	U	5
Pyrene	129-00-0	U	417	47.5	mg/kg	U	5

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-11-08 14:38 Analyst: ANI Date Prep: Dec-11-08 07:59 Tech: ANI
Seq Number: 743259

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	5.9	9.9	1.5	mg/kg	J	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 23:18 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	1900	2600	300	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-35** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-023** Date Collected: **Nov-11-08 16:15** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 13:36 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743433

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	37	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	59	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	55	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	33	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	40	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	57	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	43	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	80	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	43	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	64	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	30	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	49	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	450	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	56	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	U	2500	340	ug/kg	U	50
Benzene	71-43-2	53	250	25	ug/kg	J	50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	47	ug/kg	U	50
Bromomethane	74-83-9	U	250	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	250	72	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	37	ug/kg	U	50
Chlorobenzene	108-90-7	U	490	29	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	37	ug/kg	U	50
Chloromethane	74-87-3	U	250	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	27	ug/kg	U	50
Cyclohexane	110-82-7	U	250	47	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	49	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	58	ug/kg	U	50
Ethylbenzene	100-41-4	100	250	28	ug/kg	J	50
Isopropylbenzene	98-82-8	U	250	38	ug/kg	U	50
m,p-Xylenes	179601-23-1	430	490	60	ug/kg	J	50
Methyl acetate	79-20-9	U	250	47	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	34	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	54	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-35**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-023**	Date Collected: **Nov-11-08 16:15**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 13:36 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI

Seq Number: 743433

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	420	250	110	ug/kg		50
o-Xylene	95-47-6	210	250	35	ug/kg	J	50
Styrene	100-42-5	U	250	37	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	51	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	39	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	33	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	99	ug/kg	U	50
Xylenes, Total	1330-20-7	640	250		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-65**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-024**	Date Collected: **Nov-11-08 16:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 14:41 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741491

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:37 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	0.0386	0.0490	0.0029	mg/kg	J	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 09:56 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	850	96	ug/kg	U	1
PCB-1221	11104-28-2	U	850	89	ug/kg	U	1
PCB-1232	11141-16-5	U	850	86	ug/kg	U	1
PCB-1242	53469-21-9	U	850	95	ug/kg	U	1
PCB-1248	12672-29-6	U	850	90	ug/kg	U	1
PCB-1254	11097-69-1	U	850	97	ug/kg	U	1
PCB-1260	11096-82-5	U	850	110	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:53 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	3.47	4.67	0.577	mg/kg	J	1
Barium	7440-39-3	109	4.67	0.143	mg/kg		1
Cadmium	7440-43-9	1.73	0.467	0.020	mg/kg		1
Chromium	7440-47-3	10.6	4.67	0.090	mg/kg		1
Lead	7439-92-1	10.8	4.67	0.280	mg/kg		1
Selenium	7782-49-2	U	4.67	0.893	mg/kg	U	1
Silver	7440-22-4	0.804	4.67	0.044	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-65**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-024**	Date Collected: **Nov-11-08 16:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	6.20		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-65**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-024**	Date Collected: **Nov-11-08 16:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-11-08 16:05 Analyst: KAN Date Prep: Dec-08-08 10:57 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	400	40.0	mg/kg	U	5
1,2-Dichlorobenzene	95-50-1	U	400	40.0	mg/kg	U	5
1,3-Dichlorobenzene	541-73-1	U	400	40.0	mg/kg	U	5
1,4-Dichlorobenzene	106-46-7	U	400	45.1	mg/kg	U	5
2,4,5-Trichlorophenol	95-95-4	U	400	40.0	mg/kg	U	5
2,4,6-Trichlorophenol	88-06-2	U	400	44.1	mg/kg	U	5
2,4-Dichlorophenol	120-83-2	U	400	40.0	mg/kg	U	5
2,4-Dimethylphenol	105-67-9	U	400	40.0	mg/kg	U	5
2,4-Dinitrophenol	51-28-5	U	800	40.0	mg/kg	U	5
2,4-Dinitrotoluene	121-14-2	U	400	52.3	mg/kg	U	5
2,6-Dinitrotoluene	606-20-2	U	400	40.0	mg/kg	U	5
2-Chloronaphthalene	91-58-7	U	400	40.0	mg/kg	U	5
2-Chlorophenol	95-57-8	U	400	40.0	mg/kg	U	5
2-Methylnaphthalene	91-57-6	U	400	42.0	mg/kg	U	5
2-methylphenol	95-48-7	U	400	49.8	mg/kg	U	5
2-Nitroaniline	88-74-4	U	800	41.8	mg/kg	U	5
2-Nitrophenol	88-75-5	U	400	40.0	mg/kg	U	5
3&4-Methylphenol		U	800	81.0	mg/kg	U	5
3,3-Dichlorobenzidine	91-94-1	U	800	76.4	mg/kg	U	5
3-Nitroaniline	99-09-2	U	800	85.0	mg/kg	U	5
4,6-dinitro-2-methyl phenol	534-52-1	U	800	45.3	mg/kg	U	5
4-Bromophenyl-phenylether	101-55-3	U	400	54.3	mg/kg	U	5
4-chloro-3-methylphenol	59-50-7	U	400	48.8	mg/kg	U	5
4-Chloroaniline	106-47-8	U	800	40.0	mg/kg	U	5
4-Chlorophenyl Phenyl Ether	7005-72-3	U	400	40.0	mg/kg	U	5
4-Nitroaniline	100-01-6	U	800	67.2	mg/kg	U	5
4-Nitrophenol	100-02-7	U	800	69.4	mg/kg	U	5
Acenaphthene	83-32-9	U	400	40.0	mg/kg	U	5
Acenaphthylene	208-96-8	U	400	40.0	mg/kg	U	5
Anthracene	120-12-7	U	400	53.5	mg/kg	U	5
Benzo(a)anthracene	56-55-3	U	400	40.0	mg/kg	U	5
Benzo(a)pyrene	50-32-8	U	400	40.0	mg/kg	U	5
Benzo(b)fluoranthene	205-99-2	U	400	40.0	mg/kg	U	5
Benzo(g,h,i)perylene	191-24-2	U	400	40.0	mg/kg	U	5
Benzo(k)fluoranthene	207-08-9	U	400	40.8	mg/kg	U	5
bis(2-chloroethoxy) methane	111-91-1	U	400	40.0	mg/kg	U	5
bis(2-chloroethyl) ether	111-44-4	U	400	40.0	mg/kg	U	5
bis(2-ethylhexyl) phthalate	117-81-7	U	400	40.0	mg/kg	U	5
Butyl benzyl phthalate	85-68-7	U	400	45.9	mg/kg	U	5

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-65**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-024**	Date Collected: **Nov-11-08 16:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-11-08 16:05 Analyst: KAN Date Prep: Dec-08-08 10:57 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	400	49.2	mg/kg	U	5
Chrysene	218-01-9	U	400	40.0	mg/kg	U	5
Dibenz(a,h)Anthracene	53-70-3	U	400	48.5	mg/kg	U	5
Dibenzofuran	132-64-9	U	400	44.3	mg/kg	U	5
Diethyl Phthalate	84-66-2	U	400	40.0	mg/kg	U	5
Dimethyl Phthalate	131-11-3	U	400	45.5	mg/kg	U	5
di-n-Butyl Phthalate	84-74-2	U	400	40.0	mg/kg	U	5
di-n-Octyl Phthalate	117-84-0	U	400	40.0	mg/kg	U	5
Fluoranthene	206-44-0	U	400	44.1	mg/kg	U	5
Fluorene	86-73-7	U	400	40.0	mg/kg	U	5
Hexachlorobenzene	118-74-1	U	400	40.4	mg/kg	U	5
Hexachlorobutadiene	87-68-3	U	400	40.0	mg/kg	U	5
Hexachlorocyclopentadiene	77-47-4	U	400	40.0	mg/kg	U	5
Hexachloroethane	67-72-1	U	400	42.8	mg/kg	U	5
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	400	58.4	mg/kg	U	5
Isophorone	78-59-1	U	400	64.8	mg/kg	U	5
Naphthalene	91-20-3	U	400	42.8	mg/kg	U	5
Nitrobenzene	98-95-3	U	400	40.0	mg/kg	U	5
N-Nitrosodi-n-Propylamine	621-64-7	U	400	40.0	mg/kg	U	5
N-Nitrosodiphenylamine	86-30-6	U	400	48.2	mg/kg	U	5
Pentachlorophenol	87-86-5	U	800	56.9	mg/kg	U	5
Phenanthrene	85-01-8	U	400	40.0	mg/kg	U	5
Phenol	108-95-2	U	400	40.0	mg/kg	U	5
Pyrene	129-00-0	U	400	45.6	mg/kg	U	5

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-11-08 15:09 Analyst: ANI Date Prep: Dec-11-08 07:59 Tech: ANI
Seq Number: 743259

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	5.9	9.9	1.5	mg/kg	J	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 23:43 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	47000	2600	290	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-65** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-024** Date Collected: **Nov-11-08 16:00** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 13:07 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743433

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	37	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	59	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	55	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	33	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	40	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	57	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	43	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	80	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	43	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	64	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	29	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	49	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	450	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	56	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	U	2500	340	ug/kg	U	50
Benzene	71-43-2	200	250	25	ug/kg	J	50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	47	ug/kg	U	50
Bromomethane	74-83-9	U	250	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	250	72	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	37	ug/kg	U	50
Chlorobenzene	108-90-7	U	490	29	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	37	ug/kg	U	50
Chloromethane	74-87-3	U	250	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	27	ug/kg	U	50
Cyclohexane	110-82-7	U	250	47	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	49	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	58	ug/kg	U	50
Ethylbenzene	100-41-4	U	250	28	ug/kg	U	50
Isopropylbenzene	98-82-8	U	250	37	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	490	60	ug/kg	U	50
Methyl acetate	79-20-9	U	250	47	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	34	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	54	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-65**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-024**	Date Collected: **Nov-11-08 16:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 13:07 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI

Seq Number: 743433

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	400	250	110	ug/kg		50
o-Xylene	95-47-6	U	250	35	ug/kg	U	50
Styrene	100-42-5	U	250	37	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	51	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	38	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	33	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	99	ug/kg	U	50
Xylenes, Total	1330-20-7	U	250		ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-85** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-025** Date Collected: **Nov-12-08 10:30** Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:40 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	0.0086	0.0490	0.0029	mg/kg	J	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 10:20 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	870	97	ug/kg	U	1
PCB-1221	11104-28-2	U	870	90	ug/kg	U	1
PCB-1232	11141-16-5	U	870	88	ug/kg	U	1
PCB-1242	53469-21-9	U	870	96	ug/kg	U	1
PCB-1248	12672-29-6	U	870	92	ug/kg	U	1
PCB-1254	11097-69-1	U	870	99	ug/kg	U	1
PCB-1260	11096-82-5	U	870	110	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:55 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.59	0.566	mg/kg	U	1
Barium	7440-39-3	59.7	4.59	0.140	mg/kg		1
Cadmium	7440-43-9	0.615	0.459	0.019	mg/kg		1
Chromium	7440-47-3	16.9	4.59	0.088	mg/kg		1
Lead	7439-92-1	3.89	4.59	0.275	mg/kg	J	1
Selenium	7782-49-2	U	4.59	0.877	mg/kg	U	1
Silver	7440-22-4	0.294	4.59	0.043	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-85**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-025**	Date Collected: **Nov-12-08 10:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.10		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-85**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-025**	Date Collected: **Nov-12-08 10:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 15:27 Analyst: KAN Date Prep: Dec-08-08 11:00 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	100	10.0	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	100	10.0	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	100	10.0	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	100	11.3	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	100	10.0	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	100	11.0	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	100	10.0	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	100	10.0	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	200	10.0	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	100	13.1	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	100	10.0	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	100	10.0	mg/kg	U	1
2-Chlorophenol	95-57-8	U	100	10.0	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	100	10.5	mg/kg	U	1
2-methylphenol	95-48-7	U	100	12.4	mg/kg	U	1
2-Nitroaniline	88-74-4	U	200	10.4	mg/kg	U	1
2-Nitrophenol	88-75-5	U	100	10.0	mg/kg	U	1
3&4-Methylphenol		U	200	20.2	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	200	19.1	mg/kg	U	1
3-Nitroaniline	99-09-2	U	200	21.3	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	200	11.3	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	100	13.6	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	100	12.2	mg/kg	U	1
4-Chloroaniline	106-47-8	U	200	10.0	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	100	10.0	mg/kg	U	1
4-Nitroaniline	100-01-6	U	200	16.8	mg/kg	U	1
4-Nitrophenol	100-02-7	U	200	17.4	mg/kg	U	1
Acenaphthene	83-32-9	U	100	10.0	mg/kg	U	1
Acenaphthylene	208-96-8	U	100	10.0	mg/kg	U	1
Anthracene	120-12-7	U	100	13.4	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	100	10.0	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	100	10.0	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	100	10.0	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	100	10.0	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	100	10.2	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	100	10.0	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	100	10.0	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	100	10.0	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	100	11.5	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-85**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-025**	Date Collected: **Nov-12-08 10:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 15:27 Analyst: KAN Date Prep: Dec-08-08 11:00 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	100	12.3	mg/kg	U	1
Chrysene	218-01-9	U	100	10.0	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	100	12.1	mg/kg	U	1
Dibenzofuran	132-64-9	U	100	11.1	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	100	10.0	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	100	11.4	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	100	10.0	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	100	10.0	mg/kg	U	1
Fluoranthene	206-44-0	U	100	11.0	mg/kg	U	1
Fluorene	86-73-7	U	100	10.0	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	100	10.1	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	100	10.0	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	100	10.0	mg/kg	U	1
Hexachloroethane	67-72-1	U	100	10.7	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	100	14.6	mg/kg	U	1
Isophorone	78-59-1	U	100	16.2	mg/kg	U	1
Naphthalene	91-20-3	U	100	10.7	mg/kg	U	1
Nitrobenzene	98-95-3	U	100	10.0	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	100	10.0	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	100	12.1	mg/kg	U	1
Pentachlorophenol	87-86-5	U	200	14.2	mg/kg	U	1
Phenanthrene	85-01-8	U	100	10.0	mg/kg	U	1
Phenol	108-95-2	U	100	10.0	mg/kg	U	1
Pyrene	129-00-0	U	100	11.4	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-08-08 23:08 Analyst: ANI Date Prep: Dec-08-08 19:33 Tech: ANI

Seq Number: 742788

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	6.8	9.0	1.4	mg/kg	J	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-06-08 00:08 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155

Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	11000	2800	320	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-85** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-025** Date Collected: **Nov-12-08 10:30** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 12:10 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743433

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	230	34	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	230	53	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	230	50	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	230	30	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	230	36	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	230	52	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	230	39	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	230	73	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	230	39	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	230	58	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	230	27	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	230	42	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	230	45	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	230	31	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2300	410	ug/kg	U	50
2-Hexanone	591-78-6	U	2300	51	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2300	150	ug/kg	U	50
Acetone	67-64-1	510	2300	310	ug/kg	J	50
Benzene	71-43-2	120	230	23	ug/kg	J	50
Bromodichloromethane	75-27-4	U	230	23	ug/kg	U	50
Bromoform	75-25-2	U	230	43	ug/kg	U	50
Bromomethane	74-83-9	U	230	110	ug/kg	U	50
Carbon disulfide	75-15-0	U	230	65	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	230	33	ug/kg	U	50
Chlorobenzene	108-90-7	U	450	26	ug/kg	U	50
Chloroethane	75-00-3	U	230	110	ug/kg	U	50
Chloroform	67-66-3	U	230	33	ug/kg	U	50
Chloromethane	74-87-3	U	230	100	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	230	30	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	230	24	ug/kg	U	50
Cyclohexane	110-82-7	U	230	43	ug/kg	U	50
Dibromochloromethane	124-48-1	U	230	45	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	230	53	ug/kg	U	50
Ethylbenzene	100-41-4	60	230	25	ug/kg	J	50
Isopropylbenzene	98-82-8	U	230	34	ug/kg	U	50
m,p-Xylenes	179601-23-1	250	450	54	ug/kg	J	50
Methyl acetate	79-20-9	270	230	43	ug/kg		50
Methyl tert-butyl ether	1634-04-4	U	230	31	ug/kg	U	50
Methylcyclohexane	108-87-2	U	230	49	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-85**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-025**	Date Collected: **Nov-12-08 10:30**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 12:10 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI

Seq Number: 743433

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	270	230	97	ug/kg		50
o-Xylene	95-47-6	140	230	32	ug/kg	J	50
Styrene	100-42-5	U	230	33	ug/kg	U	50
Tetrachloroethene	127-18-4	U	230	47	ug/kg	U	50
Toluene	108-88-3	33	230	26	ug/kg	J	50
trans-1,2-Dichloroethene	156-60-5	U	230	35	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	230	30	ug/kg	U	50
Trichloroethene	79-01-6	U	230	32	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	230	160	ug/kg	U	50
Vinyl chloride	75-01-4	U	230	90	ug/kg	U	50
Xylenes, Total	1330-20-7	390	230		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-75**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-026**	Date Collected: **Nov-12-08 09:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:44 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	0.0054	0.0490	0.0029	mg/kg	J	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 10:44 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1000	110	ug/kg	U	1
PCB-1221	11104-28-2	U	1000	100	ug/kg	U	1
PCB-1232	11141-16-5	U	1000	100	ug/kg	U	1
PCB-1242	53469-21-9	U	1000	110	ug/kg	U	1
PCB-1248	12672-29-6	U	1000	110	ug/kg	U	1
PCB-1254	11097-69-1	U	1000	110	ug/kg	U	1
PCB-1260	11096-82-5	U	1000	130	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:57 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.81	0.593	mg/kg	U	1
Barium	7440-39-3	8.72	4.81	0.147	mg/kg		1
Cadmium	7440-43-9	0.673	0.481	0.020	mg/kg		1
Chromium	7440-47-3	6.53	4.81	0.092	mg/kg		1
Lead	7439-92-1	1.47	4.81	0.288	mg/kg	J	1
Selenium	7782-49-2	U	4.81	0.919	mg/kg	U	1
Silver	7440-22-4	0.231	4.81	0.046	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-75**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-026**	Date Collected: **Nov-12-08 09:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.20		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-75**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-026**	Date Collected: **Nov-12-08 09:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-11-08 16:45 Analyst: KAN Date Prep: Dec-08-08 11:03 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	446	44.6	mg/kg	U	5
1,2-Dichlorobenzene	95-50-1	U	446	44.6	mg/kg	U	5
1,3-Dichlorobenzene	541-73-1	U	446	44.6	mg/kg	U	5
1,4-Dichlorobenzene	106-46-7	U	446	50.3	mg/kg	U	5
2,4,5-Trichlorophenol	95-95-4	U	446	44.6	mg/kg	U	5
2,4,6-Trichlorophenol	88-06-2	U	446	49.2	mg/kg	U	5
2,4-Dichlorophenol	120-83-2	U	446	44.6	mg/kg	U	5
2,4-Dimethylphenol	105-67-9	U	446	44.6	mg/kg	U	5
2,4-Dinitrophenol	51-28-5	U	893	44.6	mg/kg	U	5
2,4-Dinitrotoluene	121-14-2	U	446	58.4	mg/kg	U	5
2,6-Dinitrotoluene	606-20-2	U	446	44.6	mg/kg	U	5
2-Chloronaphthalene	91-58-7	U	446	44.6	mg/kg	U	5
2-Chlorophenol	95-57-8	U	446	44.6	mg/kg	U	5
2-Methylnaphthalene	91-57-6	U	446	46.9	mg/kg	U	5
2-methylphenol	95-48-7	U	446	55.5	mg/kg	U	5
2-Nitroaniline	88-74-4	U	893	46.6	mg/kg	U	5
2-Nitrophenol	88-75-5	U	446	44.6	mg/kg	U	5
3&4-Methylphenol		U	893	90.4	mg/kg	U	5
3,3-Dichlorobenzidine	91-94-1	U	893	85.3	mg/kg	U	5
3-Nitroaniline	99-09-2	U	893	94.9	mg/kg	U	5
4,6-dinitro-2-methyl phenol	534-52-1	U	893	50.5	mg/kg	U	5
4-Bromophenyl-phenylether	101-55-3	U	446	60.6	mg/kg	U	5
4-chloro-3-methylphenol	59-50-7	U	446	54.5	mg/kg	U	5
4-Chloroaniline	106-47-8	U	893	44.6	mg/kg	U	5
4-Chlorophenyl Phenyl Ether	7005-72-3	U	446	44.6	mg/kg	U	5
4-Nitroaniline	100-01-6	U	893	75.0	mg/kg	U	5
4-Nitrophenol	100-02-7	U	893	77.5	mg/kg	U	5
Acenaphthene	83-32-9	U	446	44.6	mg/kg	U	5
Acenaphthylene	208-96-8	U	446	44.6	mg/kg	U	5
Anthracene	120-12-7	U	446	59.7	mg/kg	U	5
Benzo(a)anthracene	56-55-3	U	446	44.6	mg/kg	U	5
Benzo(a)pyrene	50-32-8	U	446	44.6	mg/kg	U	5
Benzo(b)fluoranthene	205-99-2	U	446	44.6	mg/kg	U	5
Benzo(g,h,i)perylene	191-24-2	U	446	44.6	mg/kg	U	5
Benzo(k)fluoranthene	207-08-9	U	446	45.5	mg/kg	U	5
bis(2-chloroethoxy) methane	111-91-1	U	446	44.6	mg/kg	U	5
bis(2-chloroethyl) ether	111-44-4	U	446	44.6	mg/kg	U	5
bis(2-ethylhexyl) phthalate	117-81-7	U	446	44.6	mg/kg	U	5
Butyl benzyl phthalate	85-68-7	U	446	51.2	mg/kg	U	5

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-75**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-026**	Date Collected: **Nov-12-08 09:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-11-08 16:45 Analyst: KAN Date Prep: Dec-08-08 11:03 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	446	55.0	mg/kg	U	5
Chrysene	218-01-9	U	446	44.6	mg/kg	U	5
Dibenz(a,h)Anthracene	53-70-3	U	446	54.2	mg/kg	U	5
Dibenzofuran	132-64-9	U	446	49.5	mg/kg	U	5
Diethyl Phthalate	84-66-2	U	446	44.6	mg/kg	U	5
Dimethyl Phthalate	131-11-3	U	446	50.8	mg/kg	U	5
di-n-Butyl Phthalate	84-74-2	U	446	44.6	mg/kg	U	5
di-n-Octyl Phthalate	117-84-0	U	446	44.6	mg/kg	U	5
Fluoranthene	206-44-0	U	446	49.2	mg/kg	U	5
Fluorene	86-73-7	U	446	44.6	mg/kg	U	5
Hexachlorobenzene	118-74-1	U	446	45.1	mg/kg	U	5
Hexachlorobutadiene	87-68-3	U	446	44.6	mg/kg	U	5
Hexachlorocyclopentadiene	77-47-4	U	446	44.6	mg/kg	U	5
Hexachloroethane	67-72-1	U	446	47.8	mg/kg	U	5
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	446	65.2	mg/kg	U	5
Isophorone	78-59-1	U	446	72.3	mg/kg	U	5
Naphthalene	91-20-3	U	446	47.8	mg/kg	U	5
Nitrobenzene	98-95-3	U	446	44.6	mg/kg	U	5
N-Nitrosodi-n-Propylamine	621-64-7	U	446	44.6	mg/kg	U	5
N-Nitrosodiphenylamine	86-30-6	U	446	53.8	mg/kg	U	5
Pentachlorophenol	87-86-5	U	893	63.5	mg/kg	U	5
Phenanthrene	85-01-8	U	446	44.6	mg/kg	U	5
Phenol	108-95-2	U	446	44.6	mg/kg	U	5
Pyrene	129-00-0	U	446	50.9	mg/kg	U	5

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-11-08 14:08 Analyst: ANI Date Prep: Dec-11-08 07:59 Tech: ANI

Seq Number: 743259

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	5.7	9.6	1.4	mg/kg	J	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-06-08 00:33 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155

Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	5600	2600	290	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-75** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-026** Date Collected: **Nov-12-08 09:00** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 12:39 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743433

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	240	36	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	240	57	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	240	53	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	240	32	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	240	38	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	240	55	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	240	42	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	240	77	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	240	41	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	240	62	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	240	29	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	240	44	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	240	48	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	240	33	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2400	440	ug/kg	U	50
2-Hexanone	591-78-6	U	2400	54	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2400	150	ug/kg	U	50
Acetone	67-64-1	U	2400	330	ug/kg	U	50
Benzene	71-43-2	290	240	25	ug/kg		50
Bromodichloromethane	75-27-4	U	240	24	ug/kg	U	50
Bromoform	75-25-2	U	240	46	ug/kg	U	50
Bromomethane	74-83-9	U	240	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	240	70	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	240	35	ug/kg	U	50
Chlorobenzene	108-90-7	U	480	28	ug/kg	U	50
Chloroethane	75-00-3	U	240	120	ug/kg	U	50
Chloroform	67-66-3	U	240	35	ug/kg	U	50
Chloromethane	74-87-3	U	240	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	240	32	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	240	26	ug/kg	U	50
Cyclohexane	110-82-7	U	240	45	ug/kg	U	50
Dibromochloromethane	124-48-1	U	240	48	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	240	56	ug/kg	U	50
Ethylbenzene	100-41-4	46	240	27	ug/kg	J	50
Isopropylbenzene	98-82-8	U	240	36	ug/kg	U	50
m,p-Xylenes	179601-23-1	180	480	58	ug/kg	J	50
Methyl acetate	79-20-9	U	240	45	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	240	33	ug/kg	U	50
Methylcyclohexane	108-87-2	U	240	52	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-75**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-026**	Date Collected: **Nov-12-08 09:00**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 12:39 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI

Seq Number: 743433

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	250	240	100	ug/kg		50
o-Xylene	95-47-6	100	240	34	ug/kg	J	50
Styrene	100-42-5	U	240	35	ug/kg	U	50
Tetrachloroethene	127-18-4	U	240	50	ug/kg	U	50
Toluene	108-88-3	40	240	28	ug/kg	J	50
trans-1,2-Dichloroethene	156-60-5	U	240	37	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	240	32	ug/kg	U	50
Trichloroethene	79-01-6	180	240	34	ug/kg	J	50
Trichlorofluoromethane	75-69-4	U	240	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	240	96	ug/kg	U	50
Xylenes, Total	1330-20-7	280	240		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-027**	Date Collected: **Nov-12-08 09:35**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:47 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0490	0.0029	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 11:07 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	920	100	ug/kg	U	1
PCB-1221	11104-28-2	U	920	95	ug/kg	U	1
PCB-1232	11141-16-5	U	920	93	ug/kg	U	1
PCB-1242	53469-21-9	U	920	100	ug/kg	U	1
PCB-1248	12672-29-6	U	920	97	ug/kg	U	1
PCB-1254	11097-69-1	U	920	100	ug/kg	U	1
PCB-1260	11096-82-5	U	920	120	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:59 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.90	0.605	mg/kg	U	1
Barium	7440-39-3	12.1	4.90	0.150	mg/kg		1
Cadmium	7440-43-9	0.157	0.490	0.021	mg/kg	J	1
Chromium	7440-47-3	4.13	4.90	0.094	mg/kg	J	1
Lead	7439-92-1	1.00	4.90	0.294	mg/kg	J	1
Selenium	7782-49-2	U	4.90	0.937	mg/kg	U	1
Silver	7440-22-4	0.196	4.90	0.046	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-027**	Date Collected: **Nov-12-08 09:35**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.10		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-027**	Date Collected: **Nov-12-08 09:35**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 16:43 Analyst: KAN Date Prep: Dec-08-08 11:06 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	91.7	9.17	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	91.7	9.17	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	91.7	9.17	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	91.7	10.3	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	91.7	9.17	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	91.7	10.1	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	91.7	9.17	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	91.7	9.17	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	183	9.17	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	91.7	12.0	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	91.7	9.17	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	91.7	9.17	mg/kg	U	1
2-Chlorophenol	95-57-8	U	91.7	9.17	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	91.7	9.63	mg/kg	U	1
2-methylphenol	95-48-7	U	91.7	11.4	mg/kg	U	1
2-Nitroaniline	88-74-4	U	183	9.58	mg/kg	U	1
2-Nitrophenol	88-75-5	U	91.7	9.17	mg/kg	U	1
3&4-Methylphenol		U	183	18.6	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	183	17.5	mg/kg	U	1
3-Nitroaniline	99-09-2	U	183	19.5	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	183	10.4	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	91.7	12.4	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	91.7	11.2	mg/kg	U	1
4-Chloroaniline	106-47-8	U	183	9.17	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	91.7	9.17	mg/kg	U	1
4-Nitroaniline	100-01-6	U	183	15.4	mg/kg	U	1
4-Nitrophenol	100-02-7	U	183	15.9	mg/kg	U	1
Acenaphthene	83-32-9	U	91.7	9.17	mg/kg	U	1
Acenaphthylene	208-96-8	U	91.7	9.17	mg/kg	U	1
Anthracene	120-12-7	U	91.7	12.3	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	91.7	9.17	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	91.7	9.17	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	91.7	9.17	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	91.7	9.17	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	91.7	9.35	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	91.7	9.17	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	91.7	9.17	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	91.7	9.17	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	91.7	10.5	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-027**	Date Collected: **Nov-12-08 09:35**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 16:43 Analyst: KAN Date Prep: Dec-08-08 11:06 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	91.7	11.3	mg/kg	U	1
Chrysene	218-01-9	U	91.7	9.17	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	91.7	11.1	mg/kg	U	1
Dibenzofuran	132-64-9	U	91.7	10.2	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	91.7	9.17	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	91.7	10.4	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	91.7	9.17	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	91.7	9.17	mg/kg	U	1
Fluoranthene	206-44-0	U	91.7	10.1	mg/kg	U	1
Fluorene	86-73-7	U	91.7	9.17	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	91.7	9.27	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	91.7	9.17	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	91.7	9.17	mg/kg	U	1
Hexachloroethane	67-72-1	U	91.7	9.82	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	91.7	13.4	mg/kg	U	1
Isophorone	78-59-1	U	91.7	14.9	mg/kg	U	1
Naphthalene	91-20-3	U	91.7	9.82	mg/kg	U	1
Nitrobenzene	98-95-3	U	91.7	9.17	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	91.7	9.17	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	91.7	11.1	mg/kg	U	1
Pentachlorophenol	87-86-5	U	183	13.1	mg/kg	U	1
Phenanthrene	85-01-8	U	91.7	9.17	mg/kg	U	1
Phenol	108-95-2	U	91.7	9.17	mg/kg	U	1
Pyrene	129-00-0	U	91.7	10.5	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-08-08 21:36 Analyst: ANI Date Prep: Dec-08-08 19:33 Tech: ANI

Seq Number: 742788

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	5.6	9.4	1.4	mg/kg	J	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-06-08 00:59 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155

Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	2700	2800	310	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-25** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317746-027** Date Collected: **Nov-12-08 09:35** Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-11-08 14:39 Analyst: 4124 Date Prep: Dec-11-08 09:23 Tech: 4124
Seq Number: 743324

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	230	35	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	230	56	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	230	52	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	230	31	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	230	38	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	230	54	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	230	41	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	230	76	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	230	40	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	230	60	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	230	28	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	230	43	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	230	47	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	230	32	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2300	430	ug/kg	U	50
2-Hexanone	591-78-6	U	2300	53	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2300	150	ug/kg	U	50
Acetone	67-64-1	2300	2300	320	ug/kg		50
Benzene	71-43-2	160	230	24	ug/kg	J	50
Bromodichloromethane	75-27-4	U	230	23	ug/kg	U	50
Bromoform	75-25-2	U	230	45	ug/kg	U	50
Bromomethane	74-83-9	U	230	110	ug/kg	U	50
Carbon disulfide	75-15-0	U	230	68	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	230	35	ug/kg	U	50
Chlorobenzene	108-90-7	U	470	27	ug/kg	U	50
Chloroethane	75-00-3	U	230	110	ug/kg	U	50
Chloroform	67-66-3	U	230	35	ug/kg	U	50
Chloromethane	74-87-3	U	230	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	230	31	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	230	25	ug/kg	U	50
Cyclohexane	110-82-7	U	230	44	ug/kg	U	50
Dibromochloromethane	124-48-1	U	230	46	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	230	55	ug/kg	U	50
Ethylbenzene	100-41-4	58	230	26	ug/kg	J	50
Isopropylbenzene	98-82-8	U	230	35	ug/kg	U	50
m,p-Xylenes	179601-23-1	200	470	57	ug/kg	J	50
Methyl acetate	79-20-9	U	230	44	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	230	32	ug/kg	U	50
Methylcyclohexane	108-87-2	U	230	51	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CT-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-027**	Date Collected: **Nov-12-08 09:35**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-11-08 14:39 Analyst: 4124 Date Prep: Dec-11-08 09:23 Tech: 4124

Seq Number: 743324

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	230	100	ug/kg	U	50
o-Xylene	95-47-6	130	230	33	ug/kg	J	50
Styrene	100-42-5	U	230	35	ug/kg	U	50
Tetrachloroethene	127-18-4	U	230	48	ug/kg	U	50
Toluene	108-88-3	U	230	27	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	230	36	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	230	31	ug/kg	U	50
Trichloroethene	79-01-6	U	230	33	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	230	160	ug/kg	U	50
Vinyl chloride	75-01-4	U	230	94	ug/kg	U	50
Xylenes, Total	1330-20-7	330	230		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-028**	Date Collected: **Nov-13-08 13:45**	Date Received: **Nov-14-08 10:07**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 13:57 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	0.0047	0.0490	0.0029	mg/kg	J	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 11:55 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	850	96	ug/kg	U	1
PCB-1221	11104-28-2	U	850	89	ug/kg	U	1
PCB-1232	11141-16-5	U	850	86	ug/kg	U	1
PCB-1242	53469-21-9	U	850	95	ug/kg	U	1
PCB-1248	12672-29-6	U	850	90	ug/kg	U	1
PCB-1254	11097-69-1	U	850	97	ug/kg	U	1
PCB-1260	11096-82-5	U	850	110	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 21:01 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.95	0.611	mg/kg	U	1
Barium	7440-39-3	30.8	4.95	0.151	mg/kg		1
Cadmium	7440-43-9	0.950	0.495	0.021	mg/kg		1
Chromium	7440-47-3	13.4	4.95	0.095	mg/kg		1
Lead	7439-92-1	6.10	4.95	0.297	mg/kg		1
Selenium	7782-49-2	U	4.95	0.947	mg/kg	U	1
Silver	7440-22-4	0.683	4.95	0.047	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-028**	Date Collected: **Nov-13-08 13:45**	Date Received: **Nov-14-08 10:07**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 16:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740453

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.20	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-028**	Date Collected: **Nov-13-08 13:45**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 17:20 Analyst: KAN Date Prep: Dec-08-08 11:09 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	952	95.2	mg/kg	U	10
1,2-Dichlorobenzene	95-50-1	U	952	95.2	mg/kg	U	10
1,3-Dichlorobenzene	541-73-1	U	952	95.2	mg/kg	U	10
1,4-Dichlorobenzene	106-46-7	U	952	107	mg/kg	U	10
2,4,5-Trichlorophenol	95-95-4	U	952	95.2	mg/kg	U	10
2,4,6-Trichlorophenol	88-06-2	U	952	105	mg/kg	U	10
2,4-Dichlorophenol	120-83-2	U	952	95.2	mg/kg	U	10
2,4-Dimethylphenol	105-67-9	U	952	95.2	mg/kg	U	10
2,4-Dinitrophenol	51-28-5	U	1900	95.2	mg/kg	U	10
2,4-Dinitrotoluene	121-14-2	U	952	125	mg/kg	U	10
2,6-Dinitrotoluene	606-20-2	U	952	95.2	mg/kg	U	10
2-Chloronaphthalene	91-58-7	U	952	95.2	mg/kg	U	10
2-Chlorophenol	95-57-8	U	952	95.2	mg/kg	U	10
2-Methylnaphthalene	91-57-6	143	952	100	mg/kg	J	10
2-methylphenol	95-48-7	U	952	118	mg/kg	U	10
2-Nitroaniline	88-74-4	U	1900	99.4	mg/kg	U	10
2-Nitrophenol	88-75-5	U	952	95.2	mg/kg	U	10
3&4-Methylphenol		U	1900	193	mg/kg	U	10
3,3-Dichlorobenzidine	91-94-1	U	1900	182	mg/kg	U	10
3-Nitroaniline	99-09-2	U	1900	202	mg/kg	U	10
4,6-dinitro-2-methyl phenol	534-52-1	U	1900	108	mg/kg	U	10
4-Bromophenyl-phenylether	101-55-3	U	952	129	mg/kg	U	10
4-chloro-3-methylphenol	59-50-7	U	952	116	mg/kg	U	10
4-Chloroaniline	106-47-8	U	1900	95.2	mg/kg	U	10
4-Chlorophenyl Phenyl Ether	7005-72-3	U	952	95.2	mg/kg	U	10
4-Nitroaniline	100-01-6	U	1900	160	mg/kg	U	10
4-Nitrophenol	100-02-7	U	1900	165	mg/kg	U	10
Acenaphthene	83-32-9	U	952	95.2	mg/kg	U	10
Acenaphthylene	208-96-8	U	952	95.2	mg/kg	U	10
Anthracene	120-12-7	U	952	127	mg/kg	U	10
Benzo(a)anthracene	56-55-3	U	952	95.2	mg/kg	U	10
Benzo(a)pyrene	50-32-8	U	952	95.2	mg/kg	U	10
Benzo(b)fluoranthene	205-99-2	U	952	95.2	mg/kg	U	10
Benzo(g,h,i)perylene	191-24-2	U	952	95.2	mg/kg	U	10
Benzo(k)fluoranthene	207-08-9	U	952	97.0	mg/kg	U	10
bis(2-chloroethoxy) methane	111-91-1	U	952	95.2	mg/kg	U	10
bis(2-chloroethyl) ether	111-44-4	U	952	95.2	mg/kg	U	10
bis(2-ethylhexyl) phthalate	117-81-7	U	952	95.2	mg/kg	U	10
Butyl benzyl phthalate	85-68-7	U	952	109	mg/kg	U	10

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-028**	Date Collected: **Nov-13-08 13:45**	Date Received: **Nov-14-08 10:07**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 17:20 Analyst: KAN Date Prep: Dec-08-08 11:09 Tech: KAN

Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	952	117	mg/kg	U	10
Chrysene	218-01-9	U	952	95.2	mg/kg	U	10
Dibenz(a,h)Anthracene	53-70-3	U	952	116	mg/kg	U	10
Dibenzofuran	132-64-9	U	952	106	mg/kg	U	10
Diethyl Phthalate	84-66-2	U	952	95.2	mg/kg	U	10
Dimethyl Phthalate	131-11-3	U	952	108	mg/kg	U	10
di-n-Butyl Phthalate	84-74-2	U	952	95.2	mg/kg	U	10
di-n-Octyl Phthalate	117-84-0	U	952	95.2	mg/kg	U	10
Fluoranthene	206-44-0	U	952	105	mg/kg	U	10
Fluorene	86-73-7	U	952	95.2	mg/kg	U	10
Hexachlorobenzene	118-74-1	U	952	96.2	mg/kg	U	10
Hexachlorobutadiene	87-68-3	U	952	95.2	mg/kg	U	10
Hexachlorocyclopentadiene	77-47-4	U	952	95.2	mg/kg	U	10
Hexachloroethane	67-72-1	U	952	102	mg/kg	U	10
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	952	139	mg/kg	U	10
Isophorone	78-59-1	U	952	154	mg/kg	U	10
Naphthalene	91-20-3	U	952	102	mg/kg	U	10
Nitrobenzene	98-95-3	U	952	95.2	mg/kg	U	10
N-Nitrosodi-n-Propylamine	621-64-7	U	952	95.2	mg/kg	U	10
N-Nitrosodiphenylamine	86-30-6	U	952	115	mg/kg	U	10
Pentachlorophenol	87-86-5	U	1900	136	mg/kg	U	10
Phenanthrene	85-01-8	U	952	95.2	mg/kg	U	10
Phenol	108-95-2	U	952	95.2	mg/kg	U	10
Pyrene	129-00-0	U	952	109	mg/kg	U	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-09-08 01:10 Analyst: ANI Date Prep: Dec-08-08 19:33 Tech: ANI

Seq Number: 742788

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	24	20	2.9	mg/kg		100

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-06-08 01:24 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155

Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	64000	2600	290	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-028**	Date Collected: **Nov-13-08 13:45**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-11-08 15:07 Analyst: 4124 Date Prep: Dec-11-08 09:23 Tech: 4124

Seq Number: 743324

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	37	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	58	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	54	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	33	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	39	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	57	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	43	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	79	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	42	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	63	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	29	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	49	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	450	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	55	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	U	2500	340	ug/kg	U	50
Benzene	71-43-2	U	250	25	ug/kg	U	50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	47	ug/kg	U	50
Bromomethane	74-83-9	U	250	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	250	71	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	36	ug/kg	U	50
Chlorobenzene	108-90-7	U	490	28	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	36	ug/kg	U	50
Chloromethane	74-87-3	830	250	110	ug/kg		50
cis-1,2-Dichloroethene	156-59-2	U	250	32	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	26	ug/kg	U	50
Cyclohexane	110-82-7	U	250	46	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	49	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	58	ug/kg	U	50
Ethylbenzene	100-41-4	290	250	28	ug/kg		50
Isopropylbenzene	98-82-8	61	250	37	ug/kg	J	50
m,p-Xylenes	179601-23-1	1300	490	59	ug/kg		50
Methyl acetate	79-20-9	U	250	46	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	34	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	53	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.096

Certificate of Analytical Results 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SS-25**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317746-028**	Date Collected: **Nov-13-08 13:45**	Date Received: **Nov-14-08 10:07**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-11-08 15:07 Analyst: 4124 Date Prep: Dec-11-08 09:23 Tech: 4124

Seq Number: 743324

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
o-Xylene	95-47-6	740	250	35	ug/kg		50
Styrene	100-42-5	U	250	36	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	51	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	38	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	33	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	98	ug/kg	U	50
Xylenes, Total	1330-20-7	2040	250		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.096

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL and above the SQL.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 741397 **Sample:** 317746-017 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.222	0.500	44	12-155	
Tetrachloro-m-xylene	0.276	0.500	55	22-146	

Lab Batch #: 741397 **Sample:** 317746-017 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.239	0.500	48	12-155	
Tetrachloro-m-xylene	0.368	0.500	74	22-146	

Lab Batch #: 741397 **Sample:** 317746-018 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.110	0.500	22	12-155	
Tetrachloro-m-xylene	0.367	0.500	73	22-146	

Lab Batch #: 741397 **Sample:** 317746-018 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.223	0.500	45	12-155	
Tetrachloro-m-xylene	0.499	0.500	100	22-146	

Lab Batch #: 741397 **Sample:** 317746-019 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.196	0.500	39	12-155	
Tetrachloro-m-xylene	0.265	0.500	53	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 741397 **Sample:** 317746-019 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.223	0.500	45	12-155	
Tetrachloro-m-xylene	0.368	0.500	74	22-146	

Lab Batch #: 741397 **Sample:** 317746-019 S / MS **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.266	0.500	53	12-155	
Tetrachloro-m-xylene	0.433	0.500	87	22-146	

Lab Batch #: 741397 **Sample:** 317746-019 S / MS **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.378	0.500	76	12-155	
Tetrachloro-m-xylene	0.577	0.500	115	22-146	

Lab Batch #: 741397 **Sample:** 317746-019 SD / MSD **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.276	0.500	55	12-155	
Tetrachloro-m-xylene	0.414	0.500	83	22-146	

Lab Batch #: 741397 **Sample:** 317746-019 SD / MSD **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.395	0.500	79	12-155	
Tetrachloro-m-xylene	0.577	0.500	115	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 741397 **Sample:** 317746-020 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.278	0.500	56	12-155	
Tetrachloro-m-xylene	0.385	0.500	77	22-146	

Lab Batch #: 741397 **Sample:** 317746-020 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.218	0.500	44	12-155	
Tetrachloro-m-xylene	0.515	0.500	103	22-146	

Lab Batch #: 741397 **Sample:** 317746-021 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.324	0.500	65	12-155	
Tetrachloro-m-xylene	0.280	0.500	56	22-146	

Lab Batch #: 741397 **Sample:** 317746-021 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.240	0.500	48	12-155	
Tetrachloro-m-xylene	0.408	0.500	82	22-146	

Lab Batch #: 741397 **Sample:** 317746-022 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.120	0.500	24	12-155	
Tetrachloro-m-xylene	0.271	0.500	54	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 741397 **Sample:** 317746-022 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.150	0.500	30	12-155	
Tetrachloro-m-xylene	0.437	0.500	87	22-146	

Lab Batch #: 741397 **Sample:** 519640-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.272	0.500	54	12-155	
Tetrachloro-m-xylene	0.446	0.500	89	22-146	

Lab Batch #: 741397 **Sample:** 519640-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.404	0.500	81	12-155	
Tetrachloro-m-xylene	0.595	0.500	119	22-146	

Lab Batch #: 741397 **Sample:** 519640-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.265	0.500	53	12-155	
Tetrachloro-m-xylene	0.461	0.500	92	22-146	

Lab Batch #: 741397 **Sample:** 519640-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.372	0.500	74	12-155	
Tetrachloro-m-xylene	0.594	0.500	119	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742292 **Sample:** 317746-002 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	286	420	68	19-203	
Tetrachloro-m-xylene	365	420	87	19-191	

Lab Batch #: 742292 **Sample:** 317746-002 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	326	420	78	19-203	
Tetrachloro-m-xylene	359	420	85	19-191	

Lab Batch #: 742292 **Sample:** 317746-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	88.1	412	21	19-203	
Tetrachloro-m-xylene	280	412	68	19-191	

Lab Batch #: 742292 **Sample:** 317746-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	158	412	38	19-203	
Tetrachloro-m-xylene	263	412	64	19-191	

Lab Batch #: 742292 **Sample:** 317746-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	113	500	23	19-203	
Tetrachloro-m-xylene	351	500	70	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742292 **Sample:** 317746-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	172	500	34	19-203	
Tetrachloro-m-xylene	286	500	57	19-191	

Lab Batch #: 742292 **Sample:** 317746-005 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	398	431	92	19-203	
Tetrachloro-m-xylene	493	431	114	19-191	

Lab Batch #: 742292 **Sample:** 317746-005 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	422	431	98	19-203	
Tetrachloro-m-xylene	454	431	105	19-191	

Lab Batch #: 742292 **Sample:** 317746-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	490	485	101	19-203	
Tetrachloro-m-xylene	597	485	123	19-191	

Lab Batch #: 742292 **Sample:** 317746-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	499	485	103	19-203	
Tetrachloro-m-xylene	546	485	113	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742292 **Sample:** 317746-008 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	95.5	472	20	19-203	
Tetrachloro-m-xylene	504	472	107	19-191	

Lab Batch #: 742292 **Sample:** 317746-008 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	167	472	35	19-203	
Tetrachloro-m-xylene	449	472	95	19-191	

Lab Batch #: 742292 **Sample:** 317746-009 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	189	455	42	19-203	
Tetrachloro-m-xylene	349	455	77	19-191	

Lab Batch #: 742292 **Sample:** 317746-009 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	256	455	56	19-203	
Tetrachloro-m-xylene	268	455	59	19-191	

Lab Batch #: 742292 **Sample:** 317746-011 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	163	472	35	19-203	
Tetrachloro-m-xylene	328	472	69	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742292 **Sample:** 317746-011 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	233	472	49	19-203	
Tetrachloro-m-xylene	299	472	63	19-191	

Lab Batch #: 742292 **Sample:** 317746-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	263	450	58	19-203	
Tetrachloro-m-xylene	399	450	89	19-191	

Lab Batch #: 742292 **Sample:** 317746-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	351	450	78	19-203	
Tetrachloro-m-xylene	333	450	74	19-191	

Lab Batch #: 742292 **Sample:** 317746-013 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	317	450	70	19-203	
Tetrachloro-m-xylene	466	450	104	19-191	

Lab Batch #: 742292 **Sample:** 317746-013 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	403	450	90	19-203	
Tetrachloro-m-xylene	433	450	96	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742292 **Sample:** 317746-014 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	194	439	44	19-203	
Tetrachloro-m-xylene	315	439	72	19-191	

Lab Batch #: 742292 **Sample:** 317746-014 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	243	439	55	19-203	
Tetrachloro-m-xylene	305	439	69	19-191	

Lab Batch #: 742292 **Sample:** 317746-015 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	264	413	64	19-203	
Tetrachloro-m-xylene	396	413	96	19-191	

Lab Batch #: 742292 **Sample:** 317746-015 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	382	413	92	19-203	
Tetrachloro-m-xylene	330	413	80	19-191	

Lab Batch #: 742292 **Sample:** 317746-016 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	307	459	67	19-203	
Tetrachloro-m-xylene	384	459	84	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742292 **Sample:** 317746-016 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	322	459	70	19-203	
Tetrachloro-m-xylene	299	459	65	19-191	

Lab Batch #: 742292 **Sample:** 317746-023 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	259	450	58	19-203	
Tetrachloro-m-xylene	397	450	88	19-191	

Lab Batch #: 742292 **Sample:** 317746-023 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	286	450	64	19-203	
Tetrachloro-m-xylene	384	450	85	19-191	

Lab Batch #: 742292 **Sample:** 317746-024 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	294	427	69	19-203	
Tetrachloro-m-xylene	401	427	94	19-191	

Lab Batch #: 742292 **Sample:** 317746-024 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	310	427	73	19-203	
Tetrachloro-m-xylene	443	427	104	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742292 **Sample:** 317746-025 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	114	435	26	19-203	
Tetrachloro-m-xylene	291	435	67	19-191	

Lab Batch #: 742292 **Sample:** 317746-025 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	122	435	28	19-203	
Tetrachloro-m-xylene	204	435	47	19-191	

Lab Batch #: 742292 **Sample:** 317746-026 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	379	500	76	19-203	
Tetrachloro-m-xylene	531	500	106	19-191	

Lab Batch #: 742292 **Sample:** 317746-026 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	398	500	80	19-203	
Tetrachloro-m-xylene	415	500	83	19-191	

Lab Batch #: 742292 **Sample:** 317746-027 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	433	459	94	19-203	
Tetrachloro-m-xylene	483	459	105	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742292 **Sample:** 317746-027 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	450	459	98	19-203	
Tetrachloro-m-xylene	451	459	98	19-191	

Lab Batch #: 742292 **Sample:** 317746-028 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	237	427	56	19-203	
Tetrachloro-m-xylene	318	427	74	19-191	

Lab Batch #: 742292 **Sample:** 317746-028 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	277	427	65	19-203	
Tetrachloro-m-xylene	405	427	95	19-191	

Lab Batch #: 742292 **Sample:** 520472-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	438	500	88	19-203	
Tetrachloro-m-xylene	490	500	98	19-191	

Lab Batch #: 742292 **Sample:** 520472-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	445	500	89	19-203	
Tetrachloro-m-xylene	447	500	89	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742292 **Sample:** 520472-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	460	500	92	19-203	
Tetrachloro-m-xylene	534	500	107	19-191	

Lab Batch #: 742292 **Sample:** 520472-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	473	500	95	19-203	
Tetrachloro-m-xylene	505	500	101	19-191	

Lab Batch #: 742292 **Sample:** 520472-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	457	500	91	19-203	
Tetrachloro-m-xylene	512	500	102	19-191	

Lab Batch #: 742292 **Sample:** 520472-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	462	500	92	19-203	
Tetrachloro-m-xylene	481	500	96	19-191	

Lab Batch #: 742446 **Sample:** 317746-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	21.7	44.6	49	19-203	
Tetrachloro-m-xylene	25.0	44.6	56	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742446 **Sample:** 317746-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	24.9	44.6	56	19-203	
Tetrachloro-m-xylene	25.7	44.6	58	19-191	

Lab Batch #: 742446 **Sample:** 317746-010 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	40.2	44.2	91	19-203	
Tetrachloro-m-xylene	47.0	44.2	106	19-191	

Lab Batch #: 742446 **Sample:** 317746-010 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	44.2	44.2	100	19-203	
Tetrachloro-m-xylene	46.2	44.2	105	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	33.9	50.0	68	19-203	
Tetrachloro-m-xylene	47.0	50.0	94	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	42.1	50.0	84	19-203	
Tetrachloro-m-xylene	46.7	50.0	93	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742446 **Sample:** 520525-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

SURROGATE RECOVERY STUDY

PCBs by SW846 8082 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	33.2	50.0	66	19-203	
Tetrachloro-m-xylene	46.5	50.0	93	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

SURROGATE RECOVERY STUDY

PCBs by SW846 8082 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	42.5	50.0	85	19-203	
Tetrachloro-m-xylene	47.7	50.0	95	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

SURROGATE RECOVERY STUDY

PCBs by SW846 8082 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	34.3	50.0	69	19-203	
Tetrachloro-m-xylene	47.2	50.0	94	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

SURROGATE RECOVERY STUDY

PCBs by SW846 8082 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	42.4	50.0	85	19-203	
Tetrachloro-m-xylene	46.5	50.0	93	19-191	

Lab Batch #: 744116 **Sample:** 317746-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

SURROGATE RECOVERY STUDY

PCBs by SW846 8082 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	4.90	6.25	78	12-155	
Tetrachloro-m-xylene	4.80	6.25	77	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 744116 **Sample:** 317746-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	5.22	6.25	84	12-155	
Tetrachloro-m-xylene	4.23	6.25	68	22-146	

Lab Batch #: 744116 **Sample:** 521460-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.419	0.500	84	12-155	
Tetrachloro-m-xylene	0.435	0.500	87	22-146	

Lab Batch #: 744116 **Sample:** 521460-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.429	0.500	86	12-155	
Tetrachloro-m-xylene	0.389	0.500	78	22-146	

Lab Batch #: 744116 **Sample:** 521460-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.392	0.500	78	12-155	
Tetrachloro-m-xylene	0.421	0.500	84	22-146	

Lab Batch #: 744116 **Sample:** 521460-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.443	0.500	89	12-155	
Tetrachloro-m-xylene	0.386	0.500	77	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 744116 **Sample:** 521460-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.428	0.500	86	12-155	
Tetrachloro-m-xylene	0.474	0.500	95	22-146	

Lab Batch #: 744116 **Sample:** 521460-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.447	0.500	89	12-155	
Tetrachloro-m-xylene	0.367	0.500	73	22-146	

Lab Batch #: 743151 **Sample:** 317746-002 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	69.2	87.7	79	30-115	
2-Fluorophenol	93.4	87.7	106	25-121	
Nitrobenzene-d5	77.9	87.7	89	23-120	
Phenol-d6	76.2	87.7	87	24-113	
Terphenyl-D14	73.1	87.7	83	18-137	
2,4,6-Tribromophenol	86.6	439	20	19-122	

Lab Batch #: 743151 **Sample:** 317746-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	95.2	88.5	108	30-115	
2-Fluorophenol	82.2	88.5	93	25-121	
Nitrobenzene-d5	54.3	88.5	61	23-120	
Phenol-d6	72.6	88.5	82	24-113	
Terphenyl-D14	104	88.5	118	18-137	
2,4,6-Tribromophenol	104	442	24	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743151 **Sample:** 317746-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	96.0	95.2	101	30-115	
2-Fluorophenol	85.6	95.2	90	25-121	
Nitrobenzene-d5	57.4	95.2	60	23-120	
Phenol-d6	74.0	95.2	78	24-113	
Terphenyl-D14	102	95.2	107	18-137	
2,4,6-Tribromophenol	109	476	23	19-122	

Lab Batch #: 743151 **Sample:** 317746-005 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	64.7	86.2	75	30-115	
2-Fluorophenol	63.4	86.2	74	25-121	
Nitrobenzene-d5	67.7	86.2	79	23-120	
Phenol-d6	83.1	86.2	96	24-113	
Terphenyl-D14	74.8	86.2	87	18-137	
2,4,6-Tribromophenol	97.1	431	23	19-122	

Lab Batch #: 743151 **Sample:** 317746-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	78.2	96.2	81	30-115	
2-Fluorophenol	105	96.2	109	25-121	
Nitrobenzene-d5	82.1	96.2	85	23-120	
Phenol-d6	79.9	96.2	83	24-113	
Terphenyl-D14	89.0	96.2	93	18-137	
2,4,6-Tribromophenol	103	96.2	107	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743151 **Sample:** 317746-008 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	56.3	87.7	64	30-115	
2-Fluorophenol	77.0	87.7	88	25-121	
Nitrobenzene-d5	57.7	87.7	66	23-120	
Phenol-d6	74.8	87.7	85	24-113	
Terphenyl-D14	49.1	87.7	56	18-137	
2,4,6-Tribromophenol	82.5	87.7	94	19-122	

Lab Batch #: 743151 **Sample:** 317746-009 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	76.4	94.3	81	30-115	
2-Fluorophenol	92.5	94.3	98	25-121	
Nitrobenzene-d5	79.0	94.3	84	23-120	
Phenol-d6	84.2	94.3	89	24-113	
Terphenyl-D14	85.9	94.3	91	18-137	
2,4,6-Tribromophenol	120	94.3	127	19-122	**

Lab Batch #: 743151 **Sample:** 317746-011 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	68.2	84.0	81	30-115	
2-Fluorophenol	74.0	84.0	88	25-121	
Nitrobenzene-d5	70.3	84.0	84	23-120	
Phenol-d6	83.9	84.0	100	24-113	
Terphenyl-D14	74.8	84.0	89	18-137	
2,4,6-Tribromophenol	93.9	84.0	112	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743151 **Sample:** 317746-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	78.2	93.5	84	30-115	
2-Fluorophenol	81.9	93.5	88	25-121	
Nitrobenzene-d5	85.7	93.5	92	23-120	
Phenol-d6	74.5	93.5	80	24-113	
Terphenyl-D14	85.4	93.5	91	18-137	
2,4,6-Tribromophenol	93.8	93.5	100	19-122	

Lab Batch #: 743151 **Sample:** 317746-013 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	72.1	85.5	84	30-115	
2-Fluorophenol	93.3	85.5	109	25-121	
Nitrobenzene-d5	84.7	85.5	99	23-120	
Phenol-d6	101	85.5	118	24-113	**
Terphenyl-D14	79.2	85.5	93	18-137	
2,4,6-Tribromophenol	87.5	85.5	102	19-122	

Lab Batch #: 743151 **Sample:** 317746-014 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	68.8	91.7	75	30-115	
2-Fluorophenol	102	91.7	111	25-121	
Nitrobenzene-d5	73.9	91.7	81	23-120	
Phenol-d6	98.5	91.7	107	24-113	
Terphenyl-D14	73.9	91.7	81	18-137	
2,4,6-Tribromophenol	75.3	91.7	82	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743151 **Sample:** 317746-015 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	73.9	87.7	84	30-115	
2-Fluorophenol	79.0	87.7	90	25-121	
Nitrobenzene-d5	72.4	87.7	83	23-120	
Phenol-d6	76.8	87.7	88	24-113	
Terphenyl-D14	78.2	87.7	89	18-137	
2,4,6-Tribromophenol	76.0	87.7	87	19-122	

Lab Batch #: 743151 **Sample:** 317746-016 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	62.2	100	62	30-115	
2-Fluorophenol	71.2	100	71	25-121	
Nitrobenzene-d5	65.6	100	66	23-120	
Phenol-d6	96.3	100	96	24-113	
Terphenyl-D14	67.2	100	67	18-137	
2,4,6-Tribromophenol	30.4	100	30	19-122	

Lab Batch #: 743151 **Sample:** 317746-023 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	53.3	83.3	64	30-115	
2-Fluorophenol	32.1	83.3	39	25-121	
Nitrobenzene-d5	42.5	83.3	51	23-120	
Phenol-d6	27.5	83.3	33	24-113	
Terphenyl-D14	49.2	83.3	59	18-137	
2,4,6-Tribromophenol	40.8	83.3	49	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743151 **Sample:** 317746-024 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	51.2	80.0	64	30-115	
2-Fluorophenol	114	80.0	143	25-121	**
Nitrobenzene-d5	58.8	80.0	74	23-120	
Phenol-d6	110	80.0	138	24-113	**
Terphenyl-D14	68.8	80.0	86	18-137	
2,4,6-Tribromophenol	51.6	80.0	65	19-122	

Lab Batch #: 743151 **Sample:** 317746-025 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	70.4	100	70	30-115	
2-Fluorophenol	70.9	100	71	25-121	
Nitrobenzene-d5	68.2	100	68	23-120	
Phenol-d6	95.7	100	96	24-113	
Terphenyl-D14	73.9	100	74	18-137	
2,4,6-Tribromophenol	51.9	100	52	19-122	

Lab Batch #: 743151 **Sample:** 317746-026 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	50.4	89.3	56	30-115	
2-Fluorophenol	66.1	89.3	74	25-121	
Nitrobenzene-d5	61.6	89.3	69	23-120	
Phenol-d6	91.1	89.3	102	24-113	
Terphenyl-D14	69.6	89.3	78	18-137	
2,4,6-Tribromophenol	53.6	89.3	60	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743151 **Sample:** 317746-027 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	43.5	91.7	47	30-115	
2-Fluorophenol	42.8	91.7	47	25-121	
Nitrobenzene-d5	28.3	91.7	31	23-120	
Phenol-d6	30.9	91.7	34	24-113	
Terphenyl-D14	47.3	91.7	52	18-137	
2,4,6-Tribromophenol	23.4	91.7	26	19-122	

Lab Batch #: 743151 **Sample:** 317746-028 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	81.0	95.2	85	30-115	
2-Fluorophenol	69.5	95.2	73	25-121	
Nitrobenzene-d5	55.2	95.2	58	23-120	
Phenol-d6	79.0	95.2	83	24-113	
Terphenyl-D14	116	95.2	122	18-137	
2,4,6-Tribromophenol	53.3	95.2	56	19-122	

Lab Batch #: 743151 **Sample:** 520853-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	70.6	100	71	30-115	
2-Fluorophenol	105	100	105	25-121	
Nitrobenzene-d5	76.9	100	77	23-120	
Phenol-d6	110	100	110	24-113	
Terphenyl-D14	72.8	100	73	18-137	
2,4,6-Tribromophenol	104	100	104	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743151 **Sample:** 520853-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	87.0	100	87	30-115	
2-Fluorophenol	104	100	104	25-121	
Nitrobenzene-d5	89.2	100	89	23-120	
Phenol-d6	120	100	120	24-113	**
Terphenyl-D14	89.6	100	90	18-137	
2,4,6-Tribromophenol	108	100	108	19-122	

Lab Batch #: 743151 **Sample:** 520853-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	72.9	100	73	30-115	
2-Fluorophenol	95.7	100	96	25-121	
Nitrobenzene-d5	72.3	100	72	23-120	
Phenol-d6	113	100	113	24-113	
Terphenyl-D14	75.9	100	76	18-137	
2,4,6-Tribromophenol	109	100	109	19-122	

Lab Batch #: 743573 **Sample:** 317746-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	67.6	78.1	87	30-115	
2-Fluorophenol	100	156	64	25-121	
Nitrobenzene-d5	48.8	78.1	62	23-120	
Phenol-d6	148	156	95	24-113	
Terphenyl-D14	71.3	391	18	18-137	
2,4,6-Tribromophenol	102	156	65	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743573 **Sample:** 317746-010 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	91.9	84.7	109	30-115	
2-Fluorophenol	94.5	169	56	25-121	
Nitrobenzene-d5	69.8	84.7	82	23-120	
Phenol-d6	76.9	169	46	24-113	
Terphenyl-D14	93.7	84.7	111	18-137	
2,4,6-Tribromophenol	102	169	60	19-122	

Lab Batch #: 743573 **Sample:** 521165-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	78.4	100	78	30-115	
2-Fluorophenol	140	200	70	25-121	
Nitrobenzene-d5	77.9	100	78	23-120	
Phenol-d6	170	200	85	24-113	
Terphenyl-D14	80.2	100	80	18-137	
2,4,6-Tribromophenol	127	200	64	19-122	

Lab Batch #: 743573 **Sample:** 521165-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	88.3	100	88	30-115	
2-Fluorophenol	178	200	89	25-121	
Nitrobenzene-d5	61.5	100	62	23-120	
Phenol-d6	194	200	97	24-113	
Terphenyl-D14	93.3	100	93	18-137	
2,4,6-Tribromophenol	160	200	80	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743573 **Sample:** 521165-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	83.2	100	83	30-115	
2-Fluorophenol	72.7	200	36	25-121	
Nitrobenzene-d5	75.1	100	75	23-120	
Phenol-d6	80.8	200	40	24-113	
Terphenyl-D14	88.5	100	89	18-137	
2,4,6-Tribromophenol	137	200	69	19-122	

Lab Batch #: 743960 **Sample:** 317746-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.035	1.16	3	43-116	***
2-Fluorophenol	0.035	2.33	2	21-100	***
Nitrobenzene-d5	0.047	1.16	4	35-114	***
Phenol-d6	0.047	2.33	2	10-94	***
Terphenyl-D14	0.035	1.16	3	33-141	***
2,4,6-Tribromophenol	0.047	2.33	2	10-123	***

Lab Batch #: 743960 **Sample:** 320212-004 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.021	0.050	42	43-116	**
2-Fluorophenol	0.037	0.100	37	21-100	
Nitrobenzene-d5	0.019	0.050	38	35-114	
Phenol-d6	0.025	0.100	25	10-94	
Terphenyl-D14	0.009	0.050	18	33-141	**
2,4,6-Tribromophenol	0.050	0.100	50	10-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743960 **Sample:** 320212-004 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.021	0.050	42	43-116	**
2-Fluorophenol	0.036	0.100	36	21-100	
Nitrobenzene-d5	0.018	0.050	36	35-114	
Phenol-d6	0.051	0.100	51	10-94	
Terphenyl-D14	0.011	0.050	22	33-141	**
2,4,6-Tribromophenol	0.051	0.100	51	10-123	

Lab Batch #: 743960 **Sample:** 521411-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.044	0.050	88	43-116	
2-Fluorophenol	0.037	0.100	37	21-100	
Nitrobenzene-d5	0.028	0.050	56	35-114	
Phenol-d6	0.032	0.100	32	10-94	
Terphenyl-D14	0.038	0.050	76	33-141	
2,4,6-Tribromophenol	0.074	0.100	74	10-123	

Lab Batch #: 743960 **Sample:** 521411-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.030	0.050	60	43-116	
2-Fluorophenol	0.033	0.100	33	21-100	
Nitrobenzene-d5	0.022	0.050	44	35-114	
Phenol-d6	0.029	0.100	29	10-94	
Terphenyl-D14	0.033	0.050	66	33-141	
2,4,6-Tribromophenol	0.063	0.100	63	10-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 740905 **Sample:** 317746-017 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	25.1	100	25	32-117	**
2-Fluorobiphenyl	6.99	50.0	14	35-96	**
2-Fluorophenol	22.1	100	22	29-87	**
Nitrobenzene-d5	6.46	50.0	13	22-108	**
Phenol-d5	1.67	100	2	28-88	**
Terphenyl-D14	1.79	50.0	4	18-133	**

Lab Batch #: 740905 **Sample:** 317746-017 DL / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	U	100	0	32-117	*****
2-Fluorobiphenyl	U	50.0	0	35-96	*****
2-Fluorophenol	U	100	0	29-87	*****
Nitrobenzene-d5	U	50.0	0	22-108	*****
Phenol-d5	U	100	0	28-88	*****
Terphenyl-D14	U	50.0	0	18-133	*****

Lab Batch #: 740905 **Sample:** 317746-018 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	101	143	71	32-117	
2-Fluorobiphenyl	42.4	71.4	59	35-96	
2-Fluorophenol	78.3	143	55	29-87	
Nitrobenzene-d5	38.4	71.4	54	22-108	
Phenol-d5	87.3	143	61	28-88	
Terphenyl-D14	53.2	71.4	75	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 740905 **Sample:** 317746-019 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	75.3	116	65	32-117	
2-Fluorobiphenyl	31.7	58.1	55	35-96	
2-Fluorophenol	54.4	116	47	29-87	
Nitrobenzene-d5	29.0	58.1	50	22-108	
Phenol-d5	57.1	116	49	28-88	
Terphenyl-D14	48.7	58.1	84	18-133	

Lab Batch #: 740905 **Sample:** 317746-020 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	106	500	21	32-117	**
2-Fluorobiphenyl	55.5	250	22	35-96	**
2-Fluorophenol	98.8	500	20	29-87	**
Nitrobenzene-d5	36.8	250	15	22-108	**
Phenol-d5	13.0	500	3	28-88	**
Terphenyl-D14	7.35	250	3	18-133	**

Lab Batch #: 740905 **Sample:** 317746-020 DL / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	U	500	0	32-117	*****
2-Fluorobiphenyl	U	250	0	35-96	*****
2-Fluorophenol	U	500	0	29-87	*****
Nitrobenzene-d5	U	250	0	22-108	*****
Phenol-d5	U	500	0	28-88	*****
Terphenyl-D14	U	250	0	18-133	*****

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 740905 **Sample:** 317746-021 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	132	1250	11	32-117	**
2-Fluorobiphenyl	39.4	625	6	35-96	**
2-Fluorophenol	126	1250	10	29-87	**
Nitrobenzene-d5	U	625	0	22-108	**
Phenol-d5	U	1250	0	28-88	**
Terphenyl-D14	34.9	625	6	18-133	**

Lab Batch #: 740905 **Sample:** 317746-021 DL / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	U	1250	0	32-117	*****
2-Fluorobiphenyl	U	625	0	35-96	*****
2-Fluorophenol	U	1250	0	29-87	*****
Nitrobenzene-d5	U	625	0	22-108	*****
Phenol-d5	U	1250	0	28-88	*****
Terphenyl-D14	U	625	0	18-133	*****

Lab Batch #: 740905 **Sample:** 317746-022 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	86.9	1000	9	32-117	**
2-Fluorobiphenyl	10.7	500	2	35-96	**
2-Fluorophenol	58.0	1000	6	29-87	**
Nitrobenzene-d5	30.5	500	6	22-108	**
Phenol-d5	75.0	1000	8	28-88	**
Terphenyl-D14	14.8	500	3	18-133	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 740905 **Sample:** 317907-031 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	71.8	100	72	32-117	
2-Fluorobiphenyl	31.2	50.0	62	35-96	
2-Fluorophenol	52.7	100	53	29-87	
Nitrobenzene-d5	28.7	50.0	57	22-108	
Phenol-d5	55.5	100	56	28-88	
Terphenyl-D14	27.0	50.0	54	18-133	

Lab Batch #: 740905 **Sample:** 317907-031 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	54.0	100	54	32-117	
2-Fluorobiphenyl	23.3	50.0	47	35-96	
2-Fluorophenol	35.5	100	36	29-87	
Nitrobenzene-d5	20.7	50.0	41	22-108	
Phenol-d5	34.7	100	35	28-88	
Terphenyl-D14	22.0	50.0	44	18-133	

Lab Batch #: 740905 **Sample:** 519508-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	78.8	100	79	32-117	
2-Fluorobiphenyl	37.8	50.0	76	35-96	
2-Fluorophenol	72.6	100	73	29-87	
Nitrobenzene-d5	36.5	50.0	73	22-108	
Phenol-d5	77.1	100	77	28-88	
Terphenyl-D14	38.7	50.0	77	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 740905 **Sample:** 519508-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	90.2	100	90	32-117	
2-Fluorobiphenyl	41.8	50.0	84	35-96	
2-Fluorophenol	84.8	100	85	29-87	
Nitrobenzene-d5	40.2	50.0	80	22-108	
Phenol-d5	74.2	100	74	28-88	
Terphenyl-D14	43.7	50.0	87	18-133	

Lab Batch #: 741987 **Sample:** 317746-017 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	57.32	50.00	115	53-159	
4-Bromofluorobenzene	46.05	50.00	92	30-186	
Toluene-D8	50.51	50.00	101	70-130	

Lab Batch #: 741987 **Sample:** 317746-018 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.92	50.00	112	53-159	
4-Bromofluorobenzene	45.53	50.00	91	30-186	
Toluene-D8	51.10	50.00	102	70-130	

Lab Batch #: 741987 **Sample:** 317746-019 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.53	50.00	111	53-159	
4-Bromofluorobenzene	47.51	50.00	95	30-186	
Toluene-D8	51.57	50.00	103	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 741987 **Sample:** 317746-020 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.70	50.00	111	53-159	
4-Bromofluorobenzene	46.88	50.00	94	30-186	
Toluene-D8	51.37	50.00	103	70-130	

Lab Batch #: 741987 **Sample:** 317746-021 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	57.10	50.00	114	53-159	
4-Bromofluorobenzene	45.18	50.00	90	30-186	
Toluene-D8	50.46	50.00	101	70-130	

Lab Batch #: 741987 **Sample:** 317746-022 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.27	50.00	111	53-159	
4-Bromofluorobenzene	47.15	50.00	94	30-186	
Toluene-D8	51.56	50.00	103	70-130	

Lab Batch #: 741987 **Sample:** 520301-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	52.17	50.00	104	53-159	
4-Bromofluorobenzene	46.03	50.00	92	30-186	
Toluene-D8	49.34	50.00	99	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 741987 **Sample:** 520301-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.06	50.00	110	53-159	
4-Bromofluorobenzene	45.09	50.00	90	30-186	
Toluene-D8	48.59	50.00	97	70-130	

Lab Batch #: 743354 **Sample:** 317746-017 / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.62	50.00	111	53-159	
4-Bromofluorobenzene	45.53	50.00	91	30-186	
Toluene-D8	49.49	50.00	99	77-124	

Lab Batch #: 743354 **Sample:** 317746-020 / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.39	50.00	111	53-159	
4-Bromofluorobenzene	45.70	50.00	91	30-186	
Toluene-D8	49.77	50.00	100	77-124	

Lab Batch #: 743354 **Sample:** 521038-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	51.34	50.00	103	53-159	
4-Bromofluorobenzene	46.17	50.00	92	30-186	
Toluene-D8	50.68	50.00	101	77-124	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743354 **Sample:** 521038-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56.35	50.00	113	53-159	
4-Bromofluorobenzene	46.96	50.00	94	30-186	
Toluene-D8	50.82	50.00	102	77-124	

Lab Batch #: 743458 **Sample:** 317746-021 / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	61.13	50.00	122	53-159	
4-Bromofluorobenzene	45.05	50.00	90	30-186	
Toluene-D8	47.19	50.00	94	70-130	

Lab Batch #: 743458 **Sample:** 521087-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	47	50.00	94	53-159	
4-Bromofluorobenzene	47	50.00	94	30-186	
Toluene-D8	51	50.00	102	70-130	

Lab Batch #: 743458 **Sample:** 521087-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	62.76	50.00	126	53-159	
4-Bromofluorobenzene	44.15	50.00	88	30-186	
Toluene-D8	46.98	50.00	94	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742209 **Sample:** 317746-018 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 742209 **Sample:** 317746-019 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 742209 **Sample:** 318152-004 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 742209 **Sample:** 318152-004 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 742209 **Sample:** 520422-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742209 **Sample:** 520422-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 742274 **Sample:** 317746-017 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 742274 **Sample:** 317746-020 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 742274 **Sample:** 317746-021 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.080	0.10	80	64-123	

Lab Batch #: 742274 **Sample:** 317746-022 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742274 **Sample:** 319120-002 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 742274 **Sample:** 319120-002 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 742274 **Sample:** 520461-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 742274 **Sample:** 520461-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 742788 **Sample:** 317746-011 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742788 **Sample:** 317746-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 742788 **Sample:** 317746-012 D / MD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 742788 **Sample:** 317746-013 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.080	0.10	80	66-121	

Lab Batch #: 742788 **Sample:** 317746-014 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	66-121	

Lab Batch #: 742788 **Sample:** 317746-015 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.070	0.10	70	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742788 **Sample:** 317746-016 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 742788 **Sample:** 317746-025 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 742788 **Sample:** 317746-027 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 742788 **Sample:** 317746-028 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 742788 **Sample:** 8406065-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 742788 **Sample:** 8406065-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743259 **Sample:** 317746-023 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743259 **Sample:** 317746-024 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743259 **Sample:** 317746-026 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743259 **Sample:** 319413-006 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743259 **Sample:** 319413-006 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743259 **Sample:** 520979-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743259 **Sample:** 520979-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743625 **Sample:** 317746-002 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.080	0.10	80	66-121	

Lab Batch #: 743625 **Sample:** 317746-005 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743625 **Sample:** 317746-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743625 **Sample:** 317804-006 D / MD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743625 **Sample:** 521191-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743625 **Sample:** 521191-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743957 **Sample:** 317746-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743957 **Sample:** 317746-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.080	0.10	80	66-121	

Lab Batch #: 743957 **Sample:** 317746-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743957 **Sample:** 317746-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743957 **Sample:** 317746-008 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.080	0.10	80	66-121	

Lab Batch #: 743957 **Sample:** 317746-009 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743957 **Sample:** 317746-010 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743957 **Sample:** 320584-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743957 **Sample:** 320584-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743957 **Sample:** 521407-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743957 **Sample:** 521407-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 741604 **Sample:** 317746-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.037	0.050	74	31-115	

Lab Batch #: 741604 **Sample:** 317746-001 DL / DL **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.030	0.050	60	31-115	

Lab Batch #: 741604 **Sample:** 317746-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.082	0.083	99	31-115	

Lab Batch #: 741604 **Sample:** 317746-010 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.049	0.052	94	31-115	

Lab Batch #: 741604 **Sample:** 317746-010 DL / DL **Batch:** 1 **Matrix:** Solid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.032	0.052	62	31-115	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 741604 **Sample:** 519808-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.044	0.050	88	31-115	

Lab Batch #: 741604 **Sample:** 519808-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.049	0.050	98	31-115	

Lab Batch #: 741604 **Sample:** 519808-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.056	0.050	112	31-115	

Lab Batch #: 741691 **Sample:** 317746-017 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.088	0.25	35	31-115	

Lab Batch #: 741691 **Sample:** 317746-018 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.072	0.071	101	31-115	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 741691 **Sample:** 317746-019 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	<0.0000	<0.0000	102	31-115	

Lab Batch #: 741691 **Sample:** 317746-020 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.053	0.050	106	31-115	

Lab Batch #: 741691 **Sample:** 317746-021 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	<0.0001	<0.0000	52	31-115	

Lab Batch #: 741691 **Sample:** 317746-022 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.43	0.50	86	31-115	

Lab Batch #: 741691 **Sample:** 519765-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.044	0.050	88	31-115	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 741691 **Sample:** 519765-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.044	0.050	88	31-115	

Lab Batch #: 741691 **Sample:** 519765-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.051	0.050	102	31-115	

Lab Batch #: 744678 **Sample:** 317746-002 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	130	94	138	32-116	**

Lab Batch #: 744678 **Sample:** 317746-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	130	91	143	32-116	**

Lab Batch #: 744678 **Sample:** 317746-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	120	91	132	32-116	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 744678 **Sample:** 317746-005 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	130	91	143	32-116	**

Lab Batch #: 744678 **Sample:** 317746-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	110	85	129	32-116	**

Lab Batch #: 744678 **Sample:** 317746-008 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	90	84	107	32-116	

Lab Batch #: 744678 **Sample:** 317746-009 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	140	97	144	32-116	**

Lab Batch #: 744678 **Sample:** 317746-011 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	110	88	125	32-116	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 744678 **Sample:** 317746-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	73	96	76	32-116	

Lab Batch #: 744678 **Sample:** 317746-013 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	110	91	121	32-116	**

Lab Batch #: 744678 **Sample:** 317746-014 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	62	100	62	32-116	

Lab Batch #: 744678 **Sample:** 317746-015 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	73	98	74	32-116	

Lab Batch #: 744678 **Sample:** 317746-016 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	100	83	120	32-116	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 744678 **Sample:** 317746-023 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	110	87	126	32-116	**

Lab Batch #: 744678 **Sample:** 317746-024 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	120	86	140	32-116	**

Lab Batch #: 744678 **Sample:** 317746-025 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	100	94	106	32-116	

Lab Batch #: 744678 **Sample:** 317746-026 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	120	85	141	32-116	**

Lab Batch #: 744678 **Sample:** 317746-027 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	130	92	141	32-116	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 744678 **Sample:** 317746-028 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	63	85	74	32-116	

Lab Batch #: 744678 **Sample:** 520297-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	100	100	100	32-116	

Lab Batch #: 744678 **Sample:** 520297-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	110	100	110	32-116	

Lab Batch #: 744678 **Sample:** 520297-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	100	100	100	32-116	

Lab Batch #: 743056 **Sample:** 317746-011 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

SURROGATE RECOVERY STUDY

VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	57	50	114	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	50	50	100	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743056 **Sample:** 317746-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	57	50	114	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 743056 **Sample:** 317746-013 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	62	50	124	53-135	
4-Bromofluorobenzene	44	50	88	53-175	
Toluene-D8	48	50	96	56-126	

Lab Batch #: 743056 **Sample:** 317746-014 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56	50	112	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 743056 **Sample:** 317746-015 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56	50	112	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	49	50	98	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743056 **Sample:** 317746-016 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56	50	112	53-135	
4-Bromofluorobenzene	44	50	88	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 743056 **Sample:** 520874-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	51	50	102	53-135	
4-Bromofluorobenzene	48	50	96	53-175	
Toluene-D8	52	50	104	56-126	

Lab Batch #: 743056 **Sample:** 520874-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	59	50	118	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	51	50	102	56-126	

Lab Batch #: 743324 **Sample:** 317746-005 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	54	50	108	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	50	50	100	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743324 **Sample:** 317746-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	84	50	168	53-135	**
4-Bromofluorobenzene	40	50	80	53-175	
Toluene-D8	39	50	78	56-126	

Lab Batch #: 743324 **Sample:** 317746-007 D / MD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	90	50	180	53-135	**
4-Bromofluorobenzene	40	50	80	53-175	
Toluene-D8	39	50	78	56-126	

Lab Batch #: 743324 **Sample:** 317746-027 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53	50	106	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	52	50	104	56-126	

Lab Batch #: 743324 **Sample:** 317746-028 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	79	50	158	53-135	**
4-Bromofluorobenzene	48	50	96	53-175	
Toluene-D8	25	50	50	56-126	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743324 **Sample:** 521024-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	51	50	102	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	51	50	102	56-126	

Lab Batch #: 743324 **Sample:** 521024-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56	50	112	53-135	
4-Bromofluorobenzene	47	50	94	53-175	
Toluene-D8	51	50	102	56-126	

Lab Batch #: 743433 **Sample:** 317746-002 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	61	50	122	53-135	
4-Bromofluorobenzene	52	50	104	53-175	
Toluene-D8	48	50	96	56-126	

Lab Batch #: 743433 **Sample:** 317746-011 / DL **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	70	50	140	53-135	*****
4-Bromofluorobenzene	43	50	86	53-175	
Toluene-D8	43	50	86	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743433 **Sample:** 317746-013 / DL **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	61	50	122	53-135	
4-Bromofluorobenzene	44	50	88	53-175	
Toluene-D8	46	50	92	56-126	

Lab Batch #: 743433 **Sample:** 317746-014 / DL **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	60	50	120	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	48	50	96	56-126	

Lab Batch #: 743433 **Sample:** 317746-023 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	69	50	138	53-135	**
4-Bromofluorobenzene	42	50	84	53-175	
Toluene-D8	43	50	86	56-126	

Lab Batch #: 743433 **Sample:** 317746-024 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55	50	110	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	50	50	100	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743433 **Sample:** 317746-025 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	54	50	108	53-135	
4-Bromofluorobenzene	44	50	88	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 743433 **Sample:** 317746-026 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	58	50	116	53-135	
4-Bromofluorobenzene	43	50	86	53-175	
Toluene-D8	48	50	96	56-126	

Lab Batch #: 743433 **Sample:** 521074-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	47	50	94	53-135	
4-Bromofluorobenzene	47	50	94	53-175	
Toluene-D8	51	50	102	56-126	

Lab Batch #: 743433 **Sample:** 521074-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	63	50	126	53-135	
4-Bromofluorobenzene	44	50	88	53-175	
Toluene-D8	47	50	94	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743647 **Sample:** 317746-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	31	50	62	53-135	
4-Bromofluorobenzene	62	50	124	53-175	
Toluene-D8	63	50	126	56-126	

Lab Batch #: 743647 **Sample:** 317746-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	50	50	100	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	51	50	102	56-126	

Lab Batch #: 743647 **Sample:** 317746-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	52	50	104	53-135	
4-Bromofluorobenzene	47	50	94	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 743647 **Sample:** 317746-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	34	50	68	53-135	
4-Bromofluorobenzene	58	50	116	53-175	
Toluene-D8	63	50	126	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743647 **Sample:** 317746-008 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	52	50	104	53-135	
4-Bromofluorobenzene	49	50	98	53-175	
Toluene-D8	51	50	102	56-126	

Lab Batch #: 743647 **Sample:** 317746-009 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	54	50	108	53-135	
4-Bromofluorobenzene	48	50	96	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 743647 **Sample:** 317746-010 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	38	50	76	53-135	
4-Bromofluorobenzene	57	50	114	53-175	
Toluene-D8	58	50	116	56-126	

Lab Batch #: 743647 **Sample:** 521208-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	37	50	74	53-135	
4-Bromofluorobenzene	58	50	116	53-175	
Toluene-D8	62	50	124	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317746, **Project ID:** 08040

Lab Batch #: 743647 **Sample:** 521208-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55	50	110	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	51	50	102	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317746 **Project ID:** 08040

Lab Batch #: 740630 **Sample:** 740630-1-BKS **Matrix:** Solid
Date Analyzed: 11/13/2008 **Date Prepared:** 11/13/2008 **Analyst:** 4099
Reporting Units: Deg F **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

Flash Point (CC) SW-846 1010 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Flash Point	>140	81.0	80.0	99	75-140	

Lab Batch #: 744832 **Sample:** 744832-1-BKS **Matrix:** Water
Date Analyzed: 12/28/2008 **Date Prepared:** 12/28/2008 **Analyst:** 4099
Reporting Units: Deg F **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

Flash Point (CC) SW-846 1010 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Flash Point	>140	81.0	80.0	99	70-140	

Lab Batch #: 741397 **Sample:** 519640-1-BKS **Matrix:** Water
Date Analyzed: 11/21/2008 **Date Prepared:** 11/18/2008 **Analyst:** VCH
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

PCBs by SW846 8082 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
PCB-1016	<1.0	5.0	5.5	110	30-170	
PCB-1260	<1.0	5.0	4.0	80	30-170	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317746 **Project ID:** 08040

Lab Batch #: 743960 **Sample:** 521411-1-BKS **Matrix:** Water
Date Analyzed: 12/17/2008 **Date Prepared:** 12/15/2008 **Analyst:** KAN
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL SVOCs by SW-846 8270C Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,2,4-Trichlorobenzene	<10.0	50.0	33.4	67	20-124	
1,4-Dichlorobenzene	<10.0	50.0	30.5	61	19-121	
2,4-Dinitrotoluene	<10.0	50.0	57.7	115	22-135	
2-Chlorophenol	<10.0	100	66.0	66	16-116	
4-chloro-3-methylphenol	<10.0	100	69.4	69	16-129	
4-Nitrophenol	<20.0	100	47.2	47	10-80	
Acenaphthene	<10.0	50.0	37.7	75	27-132	
N-Nitrosodi-n-Propylamine	<10.0	50.0	26.3	53	22-134	
Pentachlorophenol	<20.0	100	71.1	71	17-117	
Phenol	<10.0	100	30.6	31	12-110	
Pyrene	<10.0	50.0	33.8	68	23-152	

Lab Batch #: 740905 **Sample:** 519508-1-BKS **Matrix:** Water
Date Analyzed: 11/20/2008 **Date Prepared:** 11/18/2008 **Analyst:** WIB
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL SVOCs by SW-846 8270C Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,2,4-Trichlorobenzene	<10.0	50.0	31.7	63	10-96	
1,4-Dichlorobenzene	<10.0	50.0	30.4	61	10-87	
2,4-Dinitrotoluene	<10.0	50.0	33.1	66	23-124	
2-Chlorophenol	<10.0	100	75.1	75	25-80	
4-chloro-3-methylphenol	<10.0	100	77.6	78	15-98	
4-Nitrophenol	<20.0	100	75.6	76	11-129	
Acenaphthene	<10.0	50.0	31.1	62	16-112	
N-Nitrosodi-n-Propylamine	<10.0	50.0	38.6	77	15-118	
Pentachlorophenol	<20.0	100	53.9	54	22-120	
Phenol	<10.0	100	69.9	70	12-90	
Pyrene	<10.0	50.0	29.9	60	13-130	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317746 **Project ID:** 08040

Lab Batch #: 741987 **Sample:** 520301-1-BKS **Matrix:** Water
Date Analyzed: 11/26/2008 **Date Prepared:** 11/26/2008 **Analyst:** 4124
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<1.0	50.0	51.0	102	70-130	
Benzene	<1.0	50.0	48.0	96	80-120	
Chlorobenzene	<1.0	50.0	51.0	102	80-120	
Toluene	<1.0	50.0	49.0	98	75-120	
Trichloroethene	<1.0	50.0	46.0	92	70-125	

Lab Batch #: 743354 **Sample:** 521038-1-BKS **Matrix:** Water
Date Analyzed: 12/11/2008 **Date Prepared:** 12/11/2008 **Analyst:** 4124
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<1.0	50.0	53.0	106	70-130	
Benzene	<1.0	50.0	51.0	102	80-120	
Chlorobenzene	<1.0	50.0	53.0	106	80-120	
Toluene	<1.0	50.0	52.0	104	75-120	
Trichloroethene	<1.0	50.0	51.0	102	70-125	

Lab Batch #: 743458 **Sample:** 521087-1-BKS **Matrix:** Water
Date Analyzed: 12/12/2008 **Date Prepared:** 12/12/2008 **Analyst:** 4124
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<1.0	50	48	96	70-130	
Benzene	<1.0	50	45	90	80-120	
Chlorobenzene	<1.0	50	48	96	80-120	
Toluene	<1.0	50	46	92	75-120	
Trichloroethene	<1.0	50	45	90	70-125	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317746 **Project ID:** 08040

Lab Batch #: 742209 **Sample:** 520422-1-BKS **Matrix:** Water
Date Analyzed: 11/30/2008 **Date Prepared:** 11/30/2008 **Analyst:** ANI
Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.1	110	69-121	

Lab Batch #: 742274 **Sample:** 520461-1-BKS **Matrix:** Water
Date Analyzed: 12/03/2008 **Date Prepared:** 12/03/2008 **Analyst:** ANI
Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	0.90	90	69-121	

Lab Batch #: 742788 **Sample:** 8406065-1-BKS **Matrix:** Solid
Date Analyzed: 12/08/2008 **Date Prepared:** 12/08/2008 **Analyst:** ANI
Reporting Units: mg/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<10	50	46	92	71-125	

Lab Batch #: 743259 **Sample:** 520979-1-BKS **Matrix:** Solid
Date Analyzed: 12/11/2008 **Date Prepared:** 12/11/2008 **Analyst:** ANI
Reporting Units: mg/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<10	50	54	108	71-125	

Lab Batch #: 743625 **Sample:** 521191-1-BKS **Matrix:** Solid
Date Analyzed: 12/15/2008 **Date Prepared:** 12/15/2008 **Analyst:** ANI
Reporting Units: mg/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<10	50	46	92	71-125	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317746 **Project ID:** 08040

Lab Batch #: 743957 **Sample:** 521407-1-BKS **Matrix:** Solid
Date Analyzed: 12/17/2008 **Date Prepared:** 12/17/2008 **Analyst:** ANI
Reporting Units: mg/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<10	50	53	106	71-125	

Lab Batch #: 743056 **Sample:** 520874-1-BKS **Matrix:** Solid
Date Analyzed: 12/09/2008 **Date Prepared:** 12/09/2008 **Analyst:** ANI
Reporting Units: ug/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<5.0	50	47	94	35-170	
Benzene	<5.0	50	48	96	38-158	
Chlorobenzene	<10	50	49	98	47-153	
Toluene	<5.0	50	47	94	50-150	
Trichloroethene	<5.0	50	45	90	50-150	

Lab Batch #: 743324 **Sample:** 521024-1-BKS **Matrix:** Solid
Date Analyzed: 12/11/2008 **Date Prepared:** 12/11/2008 **Analyst:** 4124
Reporting Units: ug/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<250	2500	2600	104	35-170	
Benzene	<250	2500	2500	100	38-158	
Chlorobenzene	<500	2500	2700	108	47-153	
Toluene	<250	2500	2600	104	50-150	
Trichloroethene	<250	2500	2500	100	50-150	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317746 **Project ID:** 08040

Lab Batch #: 743433 **Sample:** 521074-1-BKS **Matrix:** Solid
Date Analyzed: 12/12/2008 **Date Prepared:** 12/12/2008 **Analyst:** ANI
Reporting Units: ug/kg **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<5.0	50	48	96	35-170	
Benzene	<5.0	50	45	90	38-158	
Chlorobenzene	<10	50	48	96	47-153	
Toluene	<5.0	50	46	92	50-150	
Trichloroethene	<5.0	50	45	90	50-150	

Lab Batch #: 743647 **Sample:** 521208-1-BKS **Matrix:** Solid
Date Analyzed: 12/15/2008 **Date Prepared:** 12/15/2008 **Analyst:** 4124
Reporting Units: ug/kg **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<250	2500	2100	84	35-170	
Benzene	<250	2500	2800	112	38-158	
Chlorobenzene	<500	2500	2500	100	47-153	
Toluene	<250	2500	3000	120	50-150	
Trichloroethene	<250	2500	3100	124	50-150	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317746 **Project ID:** 08040

Analyst: 4099 **Date Prepared:** 11/19/2008 **Date Analyzed:** 11/19/2008

Lab Batch ID: 741491 **Sample:** 741491-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	80.0	99	81	80.0	99	0	75-140	25	

Analyst: 4099 **Date Prepared:** 12/22/2008 **Date Analyzed:** 12/22/2008

Lab Batch ID: 744715 **Sample:** 744715-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	<0.001	81.0	80.0	99	81	79.0	98	1	75-140	25	

Analyst: 4099 **Date Prepared:** 11/13/2008 **Date Analyzed:** 11/13/2008

Lab Batch ID: 740624 **Sample:** 740624-1-BKS **Batch #:** 1 **Matrix:** Water

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	80.0	99	81	80.0	99	0	70-140	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317746 **Project ID:** 08040

Analyst: 4099 **Date Prepared:** 11/19/2008 **Date Analyzed:** 11/19/2008

Lab Batch ID: 741490 **Sample:** 741490-1-BKS **Batch #:** 1 **Matrix:** Water

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	80.0	99	81	80.0	99	0	70-140	25	

Analyst: 4150 **Date Prepared:** 11/18/2008 **Date Analyzed:** 11/19/2008

Lab Batch ID: 740716 **Sample:** 519464-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0020	0.0030	0.0029	97	0.003	0.0029	97	0	75-125	20	

Analyst: 4150 **Date Prepared:** 11/20/2008 **Date Analyzed:** 11/24/2008

Lab Batch ID: 741301 **Sample:** 519662-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0020	0.0030	0.0028	93	0.003	0.0028	93	0	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317746 **Project ID:** 08040

Analyst: 4150 **Date Prepared:** 11/21/2008 **Date Analyzed:** 11/24/2008

Lab Batch ID: 741302 **Sample:** 519740-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7471A Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0500	0.5000	0.4926	99	0.5	0.4997	100	1	85-115	20	

Analyst: VCH **Date Prepared:** 12/02/2008 **Date Analyzed:** 12/03/2008

Lab Batch ID: 742292 **Sample:** 520472-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: ug/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

PCBs by SW846 8082 Col Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1 PCB-1016	<1000	5000	4300	86	5000	4500	90	5	17-171	30	
1 PCB-1260	<1000	5000	3700	74	5000	3900	78	5	33-193	30	

Analyst: VCH **Date Prepared:** 12/04/2008 **Date Analyzed:** 12/04/2008

Lab Batch ID: 742446 **Sample:** 520525-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: ug/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

PCBs by SW846 8082 Col Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
2 PCB-1016	<100	500	410	82	500	430	86	5	17-171	30	
2 PCB-1260	<100	500	360	72	500	370	74	3	33-193	30	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317746 **Project ID:** 08040

Analyst: VCH **Date Prepared:** 12/18/2008 **Date Analyzed:** 12/18/2008

Lab Batch ID: 744116 **Sample:** 521460-1-BKS **Batch #:** 1 **Matrix:** Water

Units: ug/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

PCBs by SW846 8082 Col Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1 PCB-1016	<1.0	5.0	4.3	86	5	4.2	84	2	30-170	30	
2 PCB-1260	<1.0	5.0	4.0	80	5	4.1	82	2	30-170	30	

Analyst: 4150 **Date Prepared:** 11/21/2008 **Date Analyzed:** 11/24/2008

Lab Batch ID: 741313 **Sample:** 519738-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<5.00	100	91.9	92	100	92.3	92	0	75-125	20	
Barium	<5.00	100	94.8	95	100	94.5	95	0	75-125	20	
Cadmium	<0.500	100	95.8	96	100	95.7	96	0	75-125	20	
Chromium	<5.00	100	97.5	98	100	97.2	97	0	75-125	20	
Lead	<5.00	100	94.9	95	100	94.3	94	1	75-125	20	
Selenium	<5.00	100	93.2	93	100	93.2	93	0	75-125	20	
Silver	<5.00	100	91.9	92	100	91.9	92	0	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317746
Project ID: 08040
Analyst: 4150
Date Prepared: 11/18/2008
Date Analyzed: 11/19/2008
Lab Batch ID: 740736
Sample: 519491-1-BKS
Batch #: 1
Matrix: Water
Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	0.949	95	1	0.950	95	0	75-125	20	
Barium	<0.050	1.00	0.968	97	1	0.983	98	2	75-125	20	
Cadmium	<0.005	1.00	0.985	99	1	0.996	100	1	75-125	20	
Chromium	<0.050	1.00	0.986	99	1	0.992	99	1	75-125	20	
Lead	<0.010	1.00	0.969	97	1	0.982	98	1	75-125	20	
Selenium	<0.010	1.00	0.962	96	1	0.981	98	2	75-125	20	
Silver	<0.050	1.00	0.945	95	1	0.956	96	1	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317746
Project ID: 08040
Analyst: 4150
Date Prepared: 11/21/2008
Date Analyzed: 11/24/2008
Lab Batch ID: 741306
Sample: 519767-1-BKS
Batch #: 1
Matrix: Water
Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	0.946	95	1	0.937	94	1	75-125	20	
Barium	<0.050	1.00	0.952	95	1	0.953	95	0	75-125	20	
Cadmium	<0.005	1.00	0.981	98	1	0.980	98	0	75-125	20	
Chromium	<0.050	1.00	0.986	99	1	0.989	99	0	75-125	20	
Lead	<0.010	1.00	0.969	97	1	0.963	96	1	75-125	20	
Selenium	<0.010	1.00	0.967	97	1	0.962	96	1	75-125	20	
Silver	<0.050	1.00	0.937	94	1	0.942	94	1	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317746
Project ID: 08040
Analyst: KAN
Date Prepared: 12/08/2008
Date Analyzed: 12/09/2008
Lab Batch ID: 743151
Sample: 520853-1-BKS
Batch #: 1
Matrix: Solid
Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<10.0	100	82.6	83	100	90.4	90	9	37-133	25	
1,4-Dichlorobenzene	<11.3	100	83.8	84	100	88.1	88	5	36-134	25	
2,4-Dinitrotoluene	<13.1	100	72.1	72	100	72.4	72	0	40-130	25	
2-Chlorophenol	<10.0	500	201	40	500	161	32	22	25-140	25	
4-chloro-3-methylphenol	<12.2	200	219	110	200	202	101	8	28-134	25	
4-Nitrophenol	<17.4	500	167	33	500	192	38	14	13-106	25	
Acenaphthene	<10.0	100	87.0	87	100	88.9	89	2	41-134	25	
N-Nitrosodi-n-Propylamine	<10.0	100	109	109	100	112	112	3	53-130	25	
Pentachlorophenol	<14.2	200	204	102	200	195	98	5	14-111	25	
Phenol	<10.0	200	208	104	200	195	98	6	27-127	25	
Pyrene	<11.4	100	85.4	85	100	93.4	93	9	41-144	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317746 **Project ID:** 08040

Analyst: KAN **Date Prepared:** 12/08/2008 **Date Analyzed:** 12/12/2008

Lab Batch ID: 743573 **Sample:** 521165-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<10.0	100	96.0	96	100	111	111	14	37-133	25	
1,4-Dichlorobenzene	<11.3	100	92.2	92	100	108	108	16	36-134	25	
2,4-Dinitrotoluene	<13.1	100	66.7	67	100	69.1	69	4	40-130	25	
2-Chlorophenol	<10.0	200	148	74	200	179	90	19	25-140	25	
4-chloro-3-methylphenol	<12.2	200	183	92	200	183	92	0	28-134	25	
4-Nitrophenol	<17.4	200	193	97	200	183	92	5	13-106	25	
Acenaphthene	<10.0	100	101	101	100	112	112	10	41-134	25	
N-Nitrosodi-n-Propylamine	<10.0	100	88.9	89	100	105	105	17	53-130	25	
Pentachlorophenol	<14.2	200	219	110	200	221	111	1	14-111	25	
Phenol	<10.0	200	152	76	200	187	94	21	27-127	25	
Pyrene	<11.4	100	95.2	95	100	111	111	15	41-144	25	

Analyst: BRZ **Date Prepared:** 12/01/2008 **Date Analyzed:** 12/05/2008

Lab Batch ID: 744678 **Sample:** 520297-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	<340	40000	54000	135	40000	54000	135	0	14-146	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317746 **Project ID:** 08040

Analyst: BRZ **Date Prepared:** 11/20/2008 **Date Analyzed:** 11/25/2008

Lab Batch ID: 741691 **Sample:** 519765-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	<0.30	1.0	0.83	83	1	0.95	95	13	23-168	35	

Analyst: BRZ **Date Prepared:** 11/21/2008 **Date Analyzed:** 11/25/2008

Lab Batch ID: 741604 **Sample:** 519808-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	0.032	1.0	0.90	90	1	1.2	120	29	23-168	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317746 **Project ID:** 08040

Lab Batch ID: 740716 **QC- Sample ID:** 317746-018 S **Batch #:** 1 **Matrix:** Liquid
Date Analyzed: 11/19/2008 **Date Prepared:** 11/18/2008 **Analyst:** 4150
Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0020	0.0030	0.0029	97	0.0030	0.0029	97	0	75-125	20	

Lab Batch ID: 741301 **QC- Sample ID:** 317907-049 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 11/24/2008 **Date Prepared:** 11/20/2008 **Analyst:** 4150
Reporting Units: ug/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<2.000	3.000	2.764	92	3.000	2.721	91	1	75-125	20	

Lab Batch ID: 741302 **QC- Sample ID:** 317746-005 S **Batch #:** 1 **Matrix:** Liquid
Date Analyzed: 11/24/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4150
Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7471A Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0500	0.5000	0.4321	86	0.5000	0.4333	87	1	85-115	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317746 **Project ID:** 08040

Lab Batch ID: 741397 **QC- Sample ID:** 317746-019 S **Batch #:** 1 **Matrix:** Liquid

Date Analyzed: 11/21/2008 **Date Prepared:** 11/18/2008 **Analyst:** VCH

Reporting Units: ug/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

PCBs by SW846 8082 Col	Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
2	PCB-1016	<1.0	5.0	4.5	90	5.0	4.9	98	9	30-170	30	
2	PCB-1260	<1.0	5.0	4.3	86	5.0	4.4	88	2	30-170	30	

Lab Batch ID: 740736 **QC- Sample ID:** 317633-004 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 11/19/2008 **Date Prepared:** 11/18/2008 **Analyst:** 4150

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	0.925	93	1.00	0.959	96	3	75-125	20	
Barium	0.053	1.00	0.997	94	1.00	1.03	98	4	75-125	20	
Cadmium	<0.005	1.00	0.958	96	1.00	0.988	99	3	75-125	20	
Chromium	<0.050	1.00	0.965	97	1.00	0.984	98	1	75-125	20	
Lead	<0.010	1.00	0.940	94	1.00	0.970	97	3	75-125	20	
Selenium	<0.010	1.00	0.948	95	1.00	0.976	98	3	75-125	20	
Silver	<0.050	1.00	0.923	92	1.00	0.946	95	3	75-125	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317746 **Project ID:** 08040

Lab Batch ID: 741306 **QC- Sample ID:** 317746-001 S **Batch #:** 1 **Matrix:** Liquid

Date Analyzed: 11/24/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4150

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	0.955	96	1.00	0.953	95	1	75-125	20	
Barium	0.002	1.00	0.961	96	1.00	0.952	95	1	75-125	20	
Cadmium	<0.005	1.00	0.975	98	1.00	0.966	97	1	75-125	20	
Chromium	<0.050	1.00	0.991	99	1.00	0.978	98	1	75-125	20	
Lead	<0.010	1.00	0.953	95	1.00	0.945	95	0	75-125	20	
Selenium	0.013	1.00	0.963	95	1.00	0.959	95	0	75-125	20	
Silver	<0.050	1.00	0.949	95	1.00	0.938	94	1	75-125	20	

Lab Batch ID: 741313 **QC- Sample ID:** 317746-002 S **Batch #:** 1 **Matrix:** Solid

Date Analyzed: 11/24/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4150

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<4.76	95.2	89.1	94	95.2	89.0	93	1	75-125	20	
Barium	<4.76	95.2	88.6	93	95.2	89.1	94	1	75-125	20	
Cadmium	<0.476	95.2	90.3	95	95.2	90.9	95	0	75-125	20	
Chromium	0.314	95.2	93.0	97	95.2	93.1	97	0	75-125	20	
Lead	<4.76	95.2	88.1	93	95.2	88.6	93	0	75-125	20	
Selenium	<4.76	95.2	94.1	99	95.2	94.6	99	0	75-125	20	
Silver	<4.76	95.2	86.2	91	95.2	86.0	90	1	75-125	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317746 **Project ID:** 08040

Lab Batch ID: 743960 **QC- Sample ID:** 320212-004 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 12/18/2008 **Date Prepared:** 12/15/2008 **Analyst:** KAN

Reporting Units: ug/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<100	50.0	17.9	36	50.0	20.3	41	13	20-124	28	
1,4-Dichlorobenzene	<100	50.0	17.3	35	50.0	19.5	39	11	19-121	28	
2,4-Dinitrotoluene	<100	50.0	20.4	41	50.0	24.1	48	16	22-135	38	
2-Chlorophenol	<100	100	40.5	41	100	46.3	46	11	16-116	40	
4-chloro-3-methylphenol	<100	100	63.5	64	100	70.0	70	9	16-129	33	
4-Nitrophenol	<200	100	46.3	46	100	58.2	58	23	10-80	50	
Acenaphthene	<100	50.0	21.3	43	50.0	24.1	48	11	27-132	31	
N-Nitrosodi-n-Propylamine	<100	50.0	16.8	34	50.0	18.3	37	8	22-134	38	
Pentachlorophenol	<200	100	33.9	34	100	43.2	43	23	17-117	50	
Phenol	<100	100	133	133	100	125	125	6	12-110	25	X
Pyrene	<100	50.0	11.6	23	50.0	17.7	35	41	23-152	31	F

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317746 **Project ID:** 08040

Lab Batch ID: 740905 **QC- Sample ID:** 317907-031 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 11/20/2008 **Date Prepared:** 11/18/2008 **Analyst:** WIB

Reporting Units: ug/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<10.0	50.0	24.1	48	50.0	17.6	35	31	10-96	30	F
1,4-Dichlorobenzene	<10.0	50.0	23.3	47	50.0	15.5	31	41	10-87	30	F
2,4-Dinitrotoluene	<10.0	50.0	27.1	54	50.0	22.2	44	20	23-124	30	
2-Chlorophenol	<10.0	100	58.5	59	100	42.0	42	34	25-80	30	F
4-chloro-3-methylphenol	<10.0	100	68.5	69	100	53.2	53	26	15-98	30	
4-Nitrophenol	<20.0	100	69.2	69	100	59.5	60	14	11-129	30	
Acenaphthene	<10.0	50.0	26.1	52	50.0	20.2	40	26	16-112	30	
N-Nitrosodi-n-Propylamine	<10.0	50.0	34.1	68	50.0	28.2	56	19	15-118	30	
Pentachlorophenol	<20.0	100	48.7	49	100	42.6	43	13	22-120	30	
Phenol	<10.0	100	54.1	54	100	41.2	41	27	12-90	30	
Pyrene	<10.0	50.0	24.2	48	50.0	18.3	37	26	13-130	30	

Lab Batch ID: 742209 **QC- Sample ID:** 318152-004 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 11/30/2008 **Date Prepared:** 11/30/2008 **Analyst:** ANI

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	34	10	53	190	10	53	190	0	69-121	25	X

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317746 **Project ID:** 08040

Lab Batch ID: 742274 **QC- Sample ID:** 319120-002 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 12/03/2008 **Date Prepared:** 12/03/2008 **Analyst:** ANI
Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	0.98	98	1.0	1.0	100	2	69-121	25	

Lab Batch ID: 743259 **QC- Sample ID:** 319413-006 S **Batch #:** 1 **Matrix:** Soil
Date Analyzed: 12/11/2008 **Date Prepared:** 12/11/2008 **Analyst:** ANI
Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<9.6	48	50	104	48	55	115	10	71-125	25	

Lab Batch ID: 743957 **QC- Sample ID:** 320584-001 S **Batch #:** 1 **Matrix:** Soil
Date Analyzed: 12/17/2008 **Date Prepared:** 12/17/2008 **Analyst:** ANI
Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	7.9	57	61	93	57	61	93	0	71-125	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317746

Lab Batch #: 740624 **Project ID:** 08040
Date Analyzed: 11/13/2008 **Date Prepared:** 11/13/2008 **Analyst:** 4099
QC- Sample ID: 317459-001 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140	>140	NC	25	

Lab Batch #: 741490
Date Analyzed: 11/19/2008 **Date Prepared:** 11/19/2008 **Analyst:** 4099
QC- Sample ID: 317746-018 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140	>140	NC	25	

Lab Batch #: 741491
Date Analyzed: 11/19/2008 **Date Prepared:** 11/19/2008 **Analyst:** 4099
QC- Sample ID: 317459-005 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140	>140	NC	25	

Lab Batch #: 744832
Date Analyzed: 12/28/2008 **Date Prepared:** 12/28/2008 **Analyst:** 4099
QC- Sample ID: 318164-001 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140.0	>140.0	NC	25	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317746

Lab Batch #: 740716 **Project ID:** 08040
Date Analyzed: 11/19/2008 **Date Prepared:** 11/18/2008 **Analyst:** 4150
QC- Sample ID: 317746-018 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY

Mercury by SW-846 7470A Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Mercury	<0.0020	<0.0020	NC	20	

Lab Batch #: 741301
Date Analyzed: 11/24/2008 **Date Prepared:** 11/20/2008 **Analyst:** 4150
QC- Sample ID: 317907-049 D **Batch #:** 1 **Matrix:** Water
Reporting Units: ug/L

SAMPLE / SAMPLE DUPLICATE RECOVERY

Mercury by SW-846 7470A Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Mercury	<2.000	<2.000	NC	20	

Lab Batch #: 741302
Date Analyzed: 11/24/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4150
QC- Sample ID: 317746-005 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY

Mercury by SW-846 7471A Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Mercury	<0.0500	<0.0500	NC	20	

Lab Batch #: 740736
Date Analyzed: 11/19/2008 **Date Prepared:** 11/18/2008 **Analyst:** 4150
QC- Sample ID: 317633-004 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY

RCRA Metals by SW846-6010B Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Arsenic	<0.010	<0.010	NC	20	
Barium	0.053	0.053	0	20	
Cadmium	<0.005	<0.005	NC	20	
Chromium	<0.050	<0.050	NC	20	
Lead	<0.010	<0.010	NC	20	
Selenium	<0.010	<0.010	NC	20	
Silver	<0.050	<0.050	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317746

Lab Batch #: 741306 **Project ID:** 08040
Date Analyzed: 11/24/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4150
QC- Sample ID: 317746-001 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: mg/L

RCRA Metals by SW846-6010B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Arsenic	<0.010	<0.010	NC	20	
Barium	0.002	0.003	40	20	F
Cadmium	<0.005	<0.005	NC	20	
Chromium	<0.050	0.001	NC	20	
Lead	<0.010	<0.010	NC	20	
Selenium	0.013	<0.010	NC	20	
Silver	<0.050	<0.050	NC	20	

Lab Batch #: 741313
Date Analyzed: 11/24/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4150
QC- Sample ID: 317746-002 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

RCRA Metals by SW846-6010B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Arsenic	<4.76	<4.76	NC	20	
Barium	<4.76	<4.76	NC	20	
Cadmium	<0.476	<0.476	NC	20	
Chromium	0.314	0.286	9	20	
Lead	<4.76	<4.76	NC	20	
Selenium	<4.76	1.56	NC	20	
Silver	<4.76	<4.76	NC	20	

Lab Batch #: 740453
Date Analyzed: 11/17/2008 **Date Prepared:** 11/17/2008 **Analyst:** 4099
QC- Sample ID: 317746-028 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: SU

Soil pH by EPA 9045C Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	8.20	8.20	0	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317746

Lab Batch #: 740454 **Project ID:** 08040
Date Analyzed: 11/17/2008 **Date Prepared:** 11/17/2008 **Analyst:** 4099
QC- Sample ID: 317804-001 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: SU

SAMPLE / SAMPLE DUPLICATE RECOVERY

Soil pH by EPA 9045C Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	9.00	9.00	0	20	

Lab Batch #: 741934
Date Analyzed: 12/01/2008 **Date Prepared:** 12/01/2008 **Analyst:** 4154
QC- Sample ID: 317746-015 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: SU

SAMPLE / SAMPLE DUPLICATE RECOVERY

Soil pH by EPA 9045C Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	9.20	9.10	1	20	

Lab Batch #: 742788
Date Analyzed: 12/09/2008 **Date Prepared:** 12/08/2008 **Analyst:** ANI
QC- Sample ID: 317746-012 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY

TPH (Gasoline Range Organics) by SW8015B Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	35	5.6	145	25	F

Lab Batch #: 743625
Date Analyzed: 12/15/2008 **Date Prepared:** 12/15/2008 **Analyst:** ANI
QC- Sample ID: 317804-006 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY

TPH (Gasoline Range Organics) by SW8015B Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	46	46	0	25	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317746

Lab Batch #: 743324 **Project ID:** 08040
Date Analyzed: 12/11/2008 **Date Prepared:** 12/11/2008 **Analyst:** 4124
QC- Sample ID: 317746-007 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: ug/kg

VOCs by SW-846 8260B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
1,1,1-Trichloroethane	<1000	<1000	NC	20	
1,1,2,2-Tetrachloroethane	<1000	<1000	NC	20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1000	<1000	NC	20	
1,1,2-Trichloroethane	<1000	<1000	NC	20	
1,1-Dichloroethane	<1000	<1000	NC	20	
1,1-Dichloroethene	<1000	<1000	NC	20	
1,2,4-Trichlorobenzene	<1000	<1000	NC	20	
1,2-Dibromo-3-chloropropane (DBCP)	<1000	<1000	NC	20	
1,2-Dibromoethane (EDB)	<1000	<1000	NC	20	
1,2-Dichlorobenzene	<1000	<1000	NC	20	
1,2-Dichloroethane	<1000	<1000	NC	20	
1,2-Dichloropropane	<1000	<1000	NC	20	
1,3-Dichlorobenzene	<1000	<1000	NC	20	
1,4-Dichlorobenzene	<1000	<1000	NC	20	
2-Butanone (MEK)	<10000	<10000	NC	20	
2-Hexanone	<10000	<10000	NC	20	
4-Methyl-2-pentanone (MIBK)	<10000	<10000	NC	20	
Acetone	<10000	<10000	NC	20	
Benzene	<1000	<1000	NC	20	
Bromodichloromethane	<1000	<1000	NC	20	
Bromoform	<1000	<1000	NC	20	
Bromomethane	<1000	<1000	NC	20	
Carbon disulfide	<1000	<1000	NC	20	
Carbon tetrachloride	<1000	<1000	NC	20	
Chlorobenzene	<2100	<2100	NC	20	
Chloroethane	<1000	<1000	NC	20	
Chloroform	<1000	<1000	NC	20	
Chloromethane	<1000	<1000	NC	20	
cis-1,2-Dichloroethene	<1000	<1000	NC	20	
cis-1,3-Dichloropropene	<1000	<1000	NC	20	
Cyclohexane	<1000	<1000	NC	20	
Dibromochloromethane	<1000	<1000	NC	20	
Dichlorodifluoromethane	<1000	<1000	NC	20	
Ethylbenzene	<1000	<1000	NC	20	
Isopropylbenzene	<1000	<1000	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317746

Lab Batch #: 743324 **Project ID:** 08040
Date Analyzed: 12/11/2008 **Date Prepared:** 12/11/2008 **Analyst:** 4124
QC- Sample ID: 317746-007 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: ug/kg

VOCs by SW-846 8260B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
		Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
m,p-Xylenes	<2100	<2100	NC	20	
Methyl acetate	<1000	<1000	NC	20	
Methyl tert-butyl ether	<1000	<1000	NC	20	
Methylcyclohexane	<1000	<1000	NC	20	
Methylene chloride	1500	1700	13	20	
o-Xylene	180	170	6	20	
Styrene	<1000	<1000	NC	20	
Tetrachloroethene	<1000	<1000	NC	20	
Toluene	<1000	<1000	NC	20	
trans-1,2-Dichloroethene	<1000	<1000	NC	20	
trans-1,3-Dichloropropene	<1000	<1000	NC	20	
Trichloroethene	<1000	<1000	NC	20	
Trichlorofluoromethane	<1000	<1000	NC	20	
Vinyl chloride	<1000	<1000	NC	20	

Lab Batch #: 740455
Date Analyzed: 11/17/2008 **Date Prepared:** 11/17/2008 **Analyst:** 4099
QC- Sample ID: 317804-009 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: SU

pH by EPA 9040 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	6.00	6.00	0	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519464-1-BLK** Matrix: **WATER**
Lab Sample Id: **519464-1-BLK**

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 13:06 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519491-1-BLK** Matrix: **WATER**
Lab Sample Id: **519491-1-BLK**

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 14:27 Analyst: 4150 Date Prep: Nov-18-08 16:34 Tech: ABA
Seq Number: 740736

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519508-1-BLK** Matrix: **WATER**
Lab Sample Id: **519508-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 17:19 Analyst: WIB Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519508-1-BLK** Matrix: **WATER**
Lab Sample Id: **519508-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 17:19 Analyst: WIB Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519640-1-BLK** Matrix: **WATER**
Lab Sample Id: **519640-1-BLK**

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 02:03 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519662-1-BLK** Matrix: **WATER**
Lab Sample Id: **519662-1-BLK**

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 17:35 Analyst: 4150 Date Prep: Nov-20-08 15:07 Tech: ABA
Seq Number: 741301

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519738-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519738-1-BLK**

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 20:13 Analyst: 4150 Date Prep: Nov-21-08 12:47 Tech: ABA
Seq Number: 741313

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	5.00	0.617	mg/kg	U	1
Barium	7440-39-3	U	5.00	0.153	mg/kg	U	1
Cadmium	7440-43-9	U	0.500	0.021	mg/kg	U	1
Chromium	7440-47-3	U	5.00	0.096	mg/kg	U	1
Lead	7439-92-1	U	5.00	0.300	mg/kg	U	1
Selenium	7782-49-2	U	5.00	0.956	mg/kg	U	1
Silver	7440-22-4	U	5.00	0.047	mg/kg	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519740-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519740-1-BLK**

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 12:37 Analyst: 4150 Date Prep: Nov-21-08 12:59 Tech: ABA
Seq Number: 741302

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519765-1-BLK** Matrix: **WATER**
Lab Sample Id: **519765-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 00:50 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	U	0.30	0.026	mg/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519767-1-BLK** Matrix: **WATER**
Lab Sample Id: **519767-1-BLK**

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 18:38 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519808-1-BLK** Matrix: **WATER**
Lab Sample Id: **519808-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 04:03 Analyst: BRZ Date Prep: Nov-21-08 15:30 Tech: 5458
Seq Number: 741604

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	0.032	0.30	0.026	mg/L		1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520297-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520297-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 15:55 Analyst: BRZ Date Prep: Dec-01-08 08:00 Tech: 4155
Seq Number: 744678

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	U	3000	340	mg/kg	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520301-1-BLK** Matrix: **WATER**
Lab Sample Id: **520301-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 09:12 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148
Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.0	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.0	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.0	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.0	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.0	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.0	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.0	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.0	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.0	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.0	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.0	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.0	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.0	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.0	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.0	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.0	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.0	0.26	ug/L	U	1
Acetone	67-64-1	U	2.0	0.35	ug/L	U	1
Benzene	71-43-2	U	1.0	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.0	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.0	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.0	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.0	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.0	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.0	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.0	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.0	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.0	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.0	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.0	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.0	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.0	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.0	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.0	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.0	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.0	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.0	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.0	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.0	0.11	ug/L	U	1
Methylene chloride	75-09-2	U	1.0	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.0	0.20	ug/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520301-1-BLK** Matrix: **WATER**
Lab Sample Id: **520301-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Nov-26-08 09:12 Analyst: 4124 Date Prep: Nov-26-08 06:49 Tech: 4148
Seq Number: 741987

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	1.0	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.0	0.16	ug/L	U	1
Toluene	108-88-3	U	1.0	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.0	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.0	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.0	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.0	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.0	0.19	ug/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520422-1-BLK** Matrix: **WATER**
Lab Sample Id: **520422-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Nov-30-08 16:07 Analyst: ANI Date Prep: Nov-30-08 14:35 Tech: ANI
Seq Number: 742209

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520461-1-BLK** Matrix: **WATER**
Lab Sample Id: **520461-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-03-08 17:48 Analyst: ANI Date Prep: Dec-03-08 16:47 Tech: ANI
Seq Number: 742274

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520472-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520472-1-BLK**

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-03-08 02:27 Analyst: VCH Date Prep: Dec-02-08 18:00 Tech: 4155
Seq Number: 742292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1000	110	ug/kg	U	1
PCB-1221	11104-28-2	U	1000	100	ug/kg	U	1
PCB-1232	11141-16-5	U	1000	100	ug/kg	U	1
PCB-1242	53469-21-9	U	1000	110	ug/kg	U	1
PCB-1248	12672-29-6	U	1000	110	ug/kg	U	1
PCB-1254	11097-69-1	U	1000	110	ug/kg	U	1
PCB-1260	11096-82-5	U	1000	130	ug/kg	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520525-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520525-1-BLK**

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-04-08 17:49 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	100	11	ug/kg	U	1
PCB-1221	11104-28-2	U	100	10	ug/kg	U	1
PCB-1232	11141-16-5	U	100	10	ug/kg	U	1
PCB-1242	53469-21-9	U	100	11	ug/kg	U	1
PCB-1248	12672-29-6	U	100	11	ug/kg	U	1
PCB-1254	11097-69-1	U	100	11	ug/kg	U	1
PCB-1260	11096-82-5	U	100	13	ug/kg	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520853-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520853-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 16:04 Analyst: KAN Date Prep: Dec-08-08 10:00 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	100	10.0	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	100	10.0	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	100	10.0	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	100	11.3	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	100	10.0	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	100	11.0	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	100	10.0	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	100	10.0	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	200	10.0	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	100	13.1	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	100	10.0	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	100	10.0	mg/kg	U	1
2-Chlorophenol	95-57-8	U	100	10.0	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	100	10.5	mg/kg	U	1
2-methylphenol	95-48-7	U	100	12.4	mg/kg	U	1
2-Nitroaniline	88-74-4	U	200	10.4	mg/kg	U	1
2-Nitrophenol	88-75-5	U	100	10.0	mg/kg	U	1
3&4-Methylphenol		U	200	20.2	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	200	19.1	mg/kg	U	1
3-Nitroaniline	99-09-2	U	200	21.3	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	200	11.3	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	100	13.6	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	100	12.2	mg/kg	U	1
4-Chloroaniline	106-47-8	U	200	10.0	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	100	10.0	mg/kg	U	1
4-Nitroaniline	100-01-6	U	200	16.8	mg/kg	U	1
4-Nitrophenol	100-02-7	U	200	17.4	mg/kg	U	1
Acenaphthene	83-32-9	U	100	10.0	mg/kg	U	1
Acenaphthylene	208-96-8	U	100	10.0	mg/kg	U	1
Anthracene	120-12-7	U	100	13.4	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	100	10.0	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	100	10.0	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	100	10.0	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	100	10.0	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	100	10.2	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	100	10.0	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	100	10.0	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	100	10.0	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	100	11.5	mg/kg	U	1
Carbazole	86-74-8	U	100	12.3	mg/kg	U	1
Chrysene	218-01-9	U	100	10.0	mg/kg	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520853-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520853-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-09-08 16:04 Analyst: KAN Date Prep: Dec-08-08 10:00 Tech: KAN
Seq Number: 743151

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)Anthracene	53-70-3	U	100	12.1	mg/kg	U	1
Dibenzofuran	132-64-9	U	100	11.1	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	100	10.0	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	100	11.4	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	100	10.0	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	100	10.0	mg/kg	U	1
Fluoranthene	206-44-0	U	100	11.0	mg/kg	U	1
Fluorene	86-73-7	U	100	10.0	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	100	10.1	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	100	10.0	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	100	10.0	mg/kg	U	1
Hexachloroethane	67-72-1	U	100	10.7	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	100	14.6	mg/kg	U	1
Isophorone	78-59-1	U	100	16.2	mg/kg	U	1
Naphthalene	91-20-3	U	100	10.7	mg/kg	U	1
Nitrobenzene	98-95-3	U	100	10.0	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	100	10.0	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	100	12.1	mg/kg	U	1
Pentachlorophenol	87-86-5	U	200	14.2	mg/kg	U	1
Phenanthrene	85-01-8	U	100	10.0	mg/kg	U	1
Phenol	108-95-2	U	100	10.0	mg/kg	U	1
Pyrene	129-00-0	U	100	11.4	mg/kg	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520874-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520874-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-09-08 20:16 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI
Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	5.0	0.75	ug/kg	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	5.0	1.2	ug/kg	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	5.0	1.1	ug/kg	U	1
1,1,2-Trichloroethane	79-00-5	U	5.0	0.67	ug/kg	U	1
1,1-Dichloroethane	75-34-3	U	5.0	0.80	ug/kg	U	1
1,1-Dichloroethene	75-35-4	U	5.0	1.2	ug/kg	U	1
1,2,4-Trichlorobenzene	120-82-1	U	5.0	0.87	ug/kg	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	5.0	1.6	ug/kg	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	5.0	0.86	ug/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	5.0	1.3	ug/kg	U	1
1,2-Dichloroethane	107-06-2	U	5.0	0.60	ug/kg	U	1
1,2-Dichloropropane	78-87-5	U	5.0	0.93	ug/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	5.0	1.0	ug/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	5.0	0.68	ug/kg	U	1
2-Butanone (MEK)	78-93-3	U	50	9.1	ug/kg	U	1
2-Hexanone	591-78-6	U	50	1.1	ug/kg	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	50	3.2	ug/kg	U	1
Acetone	67-64-1	U	50	6.9	ug/kg	U	1
Benzene	71-43-2	U	5.0	0.51	ug/kg	U	1
Bromodichloromethane	75-27-4	U	5.0	0.50	ug/kg	U	1
Bromoform	75-25-2	U	5.0	0.96	ug/kg	U	1
Bromomethane	74-83-9	U	5.0	2.5	ug/kg	U	1
Carbon disulfide	75-15-0	U	5.0	1.5	ug/kg	U	1
Carbon tetrachloride	56-23-5	U	5.0	0.74	ug/kg	U	1
Chlorobenzene	108-90-7	U	10	0.58	ug/kg	U	1
Chloroethane	75-00-3	U	5.0	2.4	ug/kg	U	1
Chloroform	67-66-3	U	5.0	0.74	ug/kg	U	1
Chloromethane	74-87-3	U	5.0	2.3	ug/kg	U	1
cis-1,2-Dichloroethene	156-59-2	U	5.0	0.66	ug/kg	U	1
cis-1,3-Dichloropropene	10061-01-5	U	5.0	0.54	ug/kg	U	1
Cyclohexane	110-82-7	U	5.0	0.95	ug/kg	U	1
Dibromochloromethane	124-48-1	U	5.0	0.99	ug/kg	U	1
Dichlorodifluoromethane	75-71-8	U	5.0	1.2	ug/kg	U	1
Ethylbenzene	100-41-4	U	5.0	0.57	ug/kg	U	1
Isopropylbenzene	98-82-8	U	5.0	0.76	ug/kg	U	1
m,p-Xylenes	179601-23-1	U	10	1.2	ug/kg	U	1
Methyl acetate	79-20-9	U	5.0	0.95	ug/kg	U	1
Methyl tert-butyl ether	1634-04-4	U	5.0	0.69	ug/kg	U	1
Methylcyclohexane	108-87-2	U	5.0	1.1	ug/kg	U	1
Methylene chloride	75-09-2	U	5.0	2.2	ug/kg	U	1
o-Xylene	95-47-6	U	5.0	0.72	ug/kg	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520874-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520874-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-09-08 20:16 Analyst: ANI Date Prep: Dec-09-08 18:01 Tech: ANI
Seq Number: 743056

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	5.0	0.74	ug/kg	U	1
Tetrachloroethene	127-18-4	U	5.0	1.0	ug/kg	U	1
Toluene	108-88-3	U	5.0	0.59	ug/kg	U	1
trans-1,2-Dichloroethene	156-60-5	U	5.0	0.78	ug/kg	U	1
trans-1,3-Dichloropropene	10061-02-6	U	5.0	0.67	ug/kg	U	1
Trichloroethene	79-01-6	U	5.0	0.71	ug/kg	U	1
Trichlorofluoromethane	75-69-4	U	5.0	3.5	ug/kg	U	1
Vinyl chloride	75-01-4	U	5.0	2.0	ug/kg	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520979-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520979-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-11-08 09:31 Analyst: ANI Date Prep: Dec-11-08 07:59 Tech: ANI
Seq Number: 743259

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	10	1.5	mg/kg	U	50

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521024-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521024-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-11-08 12:43 Analyst: 4124 Date Prep: Dec-11-08 09:23 Tech: 4124
Seq Number: 743324

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	38	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	59	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	56	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	34	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	40	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	58	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	44	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	81	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	43	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	65	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	30	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	50	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	460	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	56	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	U	2500	340	ug/kg	U	50
Benzene	71-43-2	U	250	26	ug/kg	U	50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	48	ug/kg	U	50
Bromomethane	74-83-9	U	250	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	250	73	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	37	ug/kg	U	50
Chlorobenzene	108-90-7	U	500	29	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	37	ug/kg	U	50
Chloromethane	74-87-3	U	250	120	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	27	ug/kg	U	50
Cyclohexane	110-82-7	U	250	47	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	50	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	59	ug/kg	U	50
Ethylbenzene	100-41-4	U	250	28	ug/kg	U	50
Isopropylbenzene	98-82-8	U	250	38	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	500	60	ug/kg	U	50
Methyl acetate	79-20-9	U	250	47	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	35	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	55	ug/kg	U	50
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
o-Xylene	95-47-6	U	250	36	ug/kg	U	50

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521024-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521024-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-11-08 12:43 Analyst: 4124 Date Prep: Dec-11-08 09:23 Tech: 4124
Seq Number: 743324

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	250	37	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	52	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	39	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	34	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	180	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	100	ug/kg	U	50

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521038-1-BLK** Matrix: **WATER**
Lab Sample Id: **521038-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-11-08 12:43 Analyst: 4124 Date Prep: Dec-11-08 09:23 Tech: 4124
Seq Number: 743354

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.0	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.0	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.0	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.0	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.0	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.0	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.0	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.0	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.0	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.0	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.0	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.0	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.0	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.0	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.0	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.0	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.0	0.26	ug/L	U	1
Acetone	67-64-1	U	2.0	0.35	ug/L	U	1
Benzene	71-43-2	U	1.0	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.0	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.0	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.0	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.0	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.0	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.0	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.0	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.0	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.0	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.0	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.0	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.0	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.0	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.0	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.0	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.0	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.0	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.0	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.0	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.0	0.11	ug/L	U	1
Methylene chloride	75-09-2	U	1.0	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.0	0.20	ug/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521038-1-BLK** Matrix: **WATER**
Lab Sample Id: **521038-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-11-08 12:43 Analyst: 4124 Date Prep: Dec-11-08 09:23 Tech: 4124
Seq Number: 743354

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	1.0	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.0	0.16	ug/L	U	1
Toluene	108-88-3	U	1.0	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.0	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.0	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.0	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.0	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.0	0.19	ug/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521074-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521074-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 11:12 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743433

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	5.0	0.75	ug/kg	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	5.0	1.2	ug/kg	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	5.0	1.1	ug/kg	U	1
1,1,2-Trichloroethane	79-00-5	U	5.0	0.67	ug/kg	U	1
1,1-Dichloroethane	75-34-3	U	5.0	0.80	ug/kg	U	1
1,1-Dichloroethene	75-35-4	U	5.0	1.2	ug/kg	U	1
1,2,4-Trichlorobenzene	120-82-1	U	5.0	0.87	ug/kg	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	5.0	1.6	ug/kg	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	5.0	0.86	ug/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	5.0	1.3	ug/kg	U	1
1,2-Dichloroethane	107-06-2	U	5.0	0.60	ug/kg	U	1
1,2-Dichloropropane	78-87-5	U	5.0	0.93	ug/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	5.0	1.0	ug/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	5.0	0.68	ug/kg	U	1
2-Butanone (MEK)	78-93-3	U	50	9.1	ug/kg	U	1
2-Hexanone	591-78-6	U	50	1.1	ug/kg	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	50	3.2	ug/kg	U	1
Acetone	67-64-1	U	50	6.9	ug/kg	U	1
Benzene	71-43-2	U	5.0	0.51	ug/kg	U	1
Bromodichloromethane	75-27-4	U	5.0	0.50	ug/kg	U	1
Bromoform	75-25-2	U	5.0	0.96	ug/kg	U	1
Bromomethane	74-83-9	U	5.0	2.5	ug/kg	U	1
Carbon disulfide	75-15-0	U	5.0	1.5	ug/kg	U	1
Carbon tetrachloride	56-23-5	U	5.0	0.74	ug/kg	U	1
Chlorobenzene	108-90-7	U	10	0.58	ug/kg	U	1
Chloroethane	75-00-3	U	5.0	2.4	ug/kg	U	1
Chloroform	67-66-3	U	5.0	0.74	ug/kg	U	1
Chloromethane	74-87-3	U	5.0	2.3	ug/kg	U	1
cis-1,2-Dichloroethene	156-59-2	U	5.0	0.66	ug/kg	U	1
cis-1,3-Dichloropropene	10061-01-5	U	5.0	0.54	ug/kg	U	1
Cyclohexane	110-82-7	U	5.0	0.95	ug/kg	U	1
Dibromochloromethane	124-48-1	U	5.0	0.99	ug/kg	U	1
Dichlorodifluoromethane	75-71-8	U	5.0	1.2	ug/kg	U	1
Ethylbenzene	100-41-4	U	5.0	0.57	ug/kg	U	1
Isopropylbenzene	98-82-8	U	5.0	0.76	ug/kg	U	1
m,p-Xylenes	179601-23-1	U	10	1.2	ug/kg	U	1
Methyl acetate	79-20-9	U	5.0	0.95	ug/kg	U	1
Methyl tert-butyl ether	1634-04-4	U	5.0	0.69	ug/kg	U	1
Methylcyclohexane	108-87-2	U	5.0	1.1	ug/kg	U	1
Methylene chloride	75-09-2	U	5.0	2.2	ug/kg	U	1
o-Xylene	95-47-6	U	5.0	0.72	ug/kg	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521074-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521074-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 11:12 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743433

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	5.0	0.74	ug/kg	U	1
Tetrachloroethene	127-18-4	U	5.0	1.0	ug/kg	U	1
Toluene	108-88-3	U	5.0	0.59	ug/kg	U	1
trans-1,2-Dichloroethene	156-60-5	U	5.0	0.78	ug/kg	U	1
trans-1,3-Dichloropropene	10061-02-6	U	5.0	0.67	ug/kg	U	1
Trichloroethene	79-01-6	U	5.0	0.71	ug/kg	U	1
Trichlorofluoromethane	75-69-4	U	5.0	3.5	ug/kg	U	1
Vinyl chloride	75-01-4	U	5.0	2.0	ug/kg	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521087-1-BLK** Matrix: **WATER**
Lab Sample Id: **521087-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 11:12 Analyst: 4124 Date Prep: Dec-12-08 08:01 Tech: 4124
Seq Number: 743458

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.0	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.0	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.0	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.0	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.0	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.0	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.0	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.0	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.0	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.0	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.0	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.0	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.0	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.0	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.0	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.0	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.0	0.26	ug/L	U	1
Acetone	67-64-1	U	2.0	0.35	ug/L	U	1
Benzene	71-43-2	U	1.0	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.0	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.0	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.0	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.0	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.0	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.0	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.0	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.0	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.0	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.0	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.0	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.0	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.0	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.0	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.0	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.0	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.0	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.0	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.0	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.0	0.11	ug/L	U	1
Methylene chloride	75-09-2	U	1.0	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.0	0.20	ug/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521087-1-BLK** Matrix: **WATER**
Lab Sample Id: **521087-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-12-08 11:12 Analyst: 4124 Date Prep: Dec-12-08 08:01 Tech: 4124
Seq Number: 743458

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	1.0	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.0	0.16	ug/L	U	1
Toluene	108-88-3	U	1.0	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.0	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.0	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.0	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.0	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.0	0.19	ug/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521165-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521165-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-12-08 20:10 Analyst: KAN Date Prep: Dec-08-08 14:00 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	100	10.0	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	100	10.0	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	100	10.0	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	100	11.3	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	100	10.0	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	100	11.0	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	100	10.0	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	100	10.0	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	200	10.0	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	100	13.1	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	100	10.0	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	100	10.0	mg/kg	U	1
2-Chlorophenol	95-57-8	U	100	10.0	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	100	10.5	mg/kg	U	1
2-methylphenol	95-48-7	U	100	12.4	mg/kg	U	1
2-Nitroaniline	88-74-4	U	200	10.4	mg/kg	U	1
2-Nitrophenol	88-75-5	U	100	10.0	mg/kg	U	1
3&4-Methylphenol		U	200	20.2	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	200	19.1	mg/kg	U	1
3-Nitroaniline	99-09-2	U	200	21.3	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	200	11.3	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	100	13.6	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	100	12.2	mg/kg	U	1
4-Chloroaniline	106-47-8	U	200	10.0	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	100	10.0	mg/kg	U	1
4-Nitroaniline	100-01-6	U	200	16.8	mg/kg	U	1
4-Nitrophenol	100-02-7	U	200	17.4	mg/kg	U	1
Acenaphthene	83-32-9	U	100	10.0	mg/kg	U	1
Acenaphthylene	208-96-8	U	100	10.0	mg/kg	U	1
Anthracene	120-12-7	U	100	13.4	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	100	10.0	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	100	10.0	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	100	10.0	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	100	10.0	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	100	10.2	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	100	10.0	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	100	10.0	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	100	10.0	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	100	11.5	mg/kg	U	1
Carbazole	86-74-8	U	100	12.3	mg/kg	U	1
Chrysene	218-01-9	U	100	10.0	mg/kg	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521165-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521165-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-12-08 20:10 Analyst: KAN Date Prep: Dec-08-08 14:00 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)Anthracene	53-70-3	U	100	12.1	mg/kg	U	1
Dibenzofuran	132-64-9	U	100	11.1	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	100	10.0	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	100	11.4	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	100	10.0	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	100	10.0	mg/kg	U	1
Fluoranthene	206-44-0	U	100	11.0	mg/kg	U	1
Fluorene	86-73-7	U	100	10.0	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	100	10.1	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	100	10.0	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	100	10.0	mg/kg	U	1
Hexachloroethane	67-72-1	U	100	10.7	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	100	14.6	mg/kg	U	1
Isophorone	78-59-1	U	100	16.2	mg/kg	U	1
Naphthalene	91-20-3	U	100	10.7	mg/kg	U	1
Nitrobenzene	98-95-3	U	100	10.0	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	100	10.0	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	100	12.1	mg/kg	U	1
Pentachlorophenol	87-86-5	U	200	14.2	mg/kg	U	1
Phenanthrene	85-01-8	U	100	10.0	mg/kg	U	1
Phenol	108-95-2	U	100	10.0	mg/kg	U	1
Pyrene	129-00-0	U	100	11.4	mg/kg	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521191-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521191-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 19:46 Analyst: ANI Date Prep: Dec-15-08 18:14 Tech: ANI
Seq Number: 743625

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	10	1.5	mg/kg	U	50

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521208-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521208-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 11:33 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124
Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	38	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	59	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	56	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	34	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	40	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	58	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	44	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	81	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	43	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	65	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	30	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	50	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	460	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	56	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	U	2500	340	ug/kg	U	50
Benzene	71-43-2	U	250	26	ug/kg	U	50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	48	ug/kg	U	50
Bromomethane	74-83-9	U	250	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	250	73	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	37	ug/kg	U	50
Chlorobenzene	108-90-7	U	500	29	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	37	ug/kg	U	50
Chloromethane	74-87-3	U	250	120	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	27	ug/kg	U	50
Cyclohexane	110-82-7	U	250	47	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	50	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	59	ug/kg	U	50
Ethylbenzene	100-41-4	U	250	28	ug/kg	U	50
Isopropylbenzene	98-82-8	U	250	38	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	500	60	ug/kg	U	50
Methyl acetate	79-20-9	U	250	47	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	35	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	55	ug/kg	U	50
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
o-Xylene	95-47-6	U	250	36	ug/kg	U	50

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521208-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521208-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-15-08 11:33 Analyst: 4124 Date Prep: Dec-15-08 08:46 Tech: 4124
Seq Number: 743647

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	250	37	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	52	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	39	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	34	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	180	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	100	ug/kg	U	50

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521407-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521407-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 09:35 Analyst: ANI Date Prep: Dec-17-08 08:03 Tech: ANI
Seq Number: 743957

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	10	1.5	mg/kg	U	50

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521411-1-BLK** Matrix: **WATER**
Lab Sample Id: **521411-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-17-08 22:37 Analyst: KAN Date Prep: Dec-15-08 10:00 Tech: 5458
Seq Number: 743960

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.00	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.00	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	1.00	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.00	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	1.00	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.00	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.00	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.07	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	1.00	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	1.00	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	1.00	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.00	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.00	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.09	ug/L	U	1
2-Methylphenol	95-48-7	U	10.0	1.33	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	1.00	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.00	ug/L	U	1
3&4-Methylphenol		U	20.0	1.50	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	2.00	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.07	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.21	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	1.00	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	1.08	ug/L	U	1
4-Chloroaniline	106-47-8	U	20.0	1.00	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.00	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	1.05	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	1.00	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.00	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.00	ug/L	U	1
Anthracene	120-12-7	U	10.0	1.00	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.00	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.00	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.00	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.00	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	1.00	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.00	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.00	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.00	ug/L	U	1
Butyl benzyl phthalate	85-68-7	U	10.0	1.00	ug/L	U	1
Carbazole	86-74-8	U	10.0	1.00	ug/L	U	1
Chrysene	218-01-9	U	10.0	1.00	ug/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521411-1-BLK** Matrix: **WATER**
Lab Sample Id: **521411-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-17-08 22:37 Analyst: KAN Date Prep: Dec-15-08 10:00 Tech: 5458
Seq Number: 743960

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.00	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.00	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.00	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.00	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.64	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.00	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.00	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.00	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	1.00	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.00	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.00	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	1.00	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.00	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.35	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.00	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.00	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.00	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	1.70	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	1.00	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	1.24	ug/L	U	1
Phenol	108-95-2	U	10.0	1.00	ug/L	U	1
Pyrene	129-00-0	U	10.0	1.00	ug/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521460-1-BLK** Matrix: **WATER**
Lab Sample Id: **521460-1-BLK**

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Dec-18-08 18:16 Analyst: VCH Date Prep: Dec-18-08 16:15 Tech: 4118
Seq Number: 744116

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **740624-1-BLK** Matrix: **WATER**
Lab Sample Id: **740624-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740624

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **740630-1-BLK** Matrix: **SOLID**
Lab Sample Id: **740630-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-13-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740630

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **741490-1-BLK** Matrix: **WATER**
Lab Sample Id: **741490-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 12:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741490

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	75.0	N/A	Deg F	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **741491-1-BLK** Matrix: **SOLID**
Lab Sample Id: **741491-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-19-08 14:41 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741491

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **744715-1-BLK** Matrix: **SOLID**
Lab Sample Id: **744715-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **744832-1-BLK** Matrix: **WATER**
Lab Sample Id: **744832-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-28-08 23:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744832

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	65.0	N/A	Deg F		1

Blank Summary 317746

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **8406065-1-BLK** Matrix: **SOLID**
Lab Sample Id: **8406065-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-08-08 21:05 Analyst: ANI Date Prep: Dec-08-08 19:33 Tech: ANI
Seq Number: 742788

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	10	1.5	mg/kg	U	50

XENCO Laboratories

☐ 5757 N.W. 158th Street, Miami Lakes, Fl 33014 305-823-8500
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

☐ Philadephia/New Jersey 610-955-5649

Serial #: 223259

Company-City: Winter Environmental
Phone: 404 588 3300
Lab Only: WO# 317746

Proj Name-Location: Seven Out Superfund Site ☐ Previously done at XENCO
Project ID: 08040

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL ,GA, LA, MS, NC, NJ, PA, SC, TN, TX , UT Other
Proj. Manager (PM): Brent Sasser

Fax Results to ☐ PM or e-mail to: Bsasser@winter-environmental.com Fax No:

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to: Brent Sasser

Quote/Pricing: P.O No: 08040 ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

LPST No.:

Sampler Name: Joe King Signature:

Remarks: From: Rcv by: Date: Addn:

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs BTEX-MTBE VOHs VOAs PP TCL Appdx 1 Appdx 2	Method: 8260 8021 624 524	PAHs: 8270 8100 8310 8270_SIM	TRPH by FL PRO DRO GRO MA EPH MA VPH	SVOCs 8270 625 - (BN&AE) (TCL) (PP) (Appdx 2)	Pest. (8081 / 608) PCBs (8082 / 608) Herb. (8151 / 615)	EDB / DBCP (8011 / 504)	Metals RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	Metals Methods: 6020 / 6010 / 200.8 / 7470 / 7471	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	FL Preburn: Virgin Non-Virgin	pH	Ignitability	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	HOLD TCLP
1	Win-2	11/12/08	1500		SW	X		4				X			X	X	X		X		X		X	X						X
2	Win-1	11/12/08	1510		SW	X		1				X			X	X	X		X		X		X	X						
3	D-02XX	11/12/08	1520 15		SW	X		2				X			X	X	X		X		X		X	X						
4	D-03XX	11/12/08	1525 20		SW	X		4				X			X	X	X		X		X		X	X						
5	D-10X	11/12/08	1530 25		SW	X		2				X			X	X	X		X		X		X	X						
6	D-14X	11/12/08	1535 30		SW	X		2				X			X	X	X		X		X		X	X						
7	TO-02	11/12/08	1535 35		SW	X		2				X			X	X	X		X		X		X	X						
8	Win-3	11/12/08	1540		SW	X		2				X			X	X	X		X		X		X	X						
9	D-04XX	11/12/08	1550		SW	X		4				X			X	X	X		X		X		X	X						
10																														

	Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1	1) GTM	11/13/08 1450	2) Dario Lagunas	11-14-08 10:07
2	3)		4)	
3	5)		6)	

Total Containers per COC: 117 Cooler Temp: 19°C

All XENCO Standard Terms and Conditions Apply.

Rush Charges are Pre-Approved upon Requesting them.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____

Matrix: Air (A), Product (P), Solid(S), Water (W) (SW) Solid Waste sludge

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☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

☐ Philadephia/New Jersey 610-955-5649

Serial #: 223261

Company-City: Winter Environmental
Phone: 404 588 3300
Lab Only: WO #317746
Proj Name-Location ☐ Previously done at XENCO
Project ID: 08040
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL ,GA, LA, MS, NC, NJ, PA, SC, TN, TX , UT Other
Proj. Manager (PM): Brent Sasser
Fax Results to ☐ PM or **e-mail to:** bsasser@winter-environmental.com **Fax No:**
Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☒ Invoice must have a P.O Bill to: Brent Sasser
Quote/Pricing: **P.O No:** 08040 ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)
LPST No.:
Sampler Name Joe King Signature

From: Rcv by: Date Addn:

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs BTEX-MTBE VOHs VOAs PP TCL Appdx 1	Method: 8260 8021 624 524	PAHs: 8270 8100 8310 8270_SIM	TRPH by FL PRO DRO GRO MA EPH MA VPH	SVOCs 8270 625 - (BN&AE) (TCL) (PP) (Appdx 2)	Pest. (8081 / 608) PCBs (8082 / 608) Herb. (8151 / 615)	EDB / DBCP (8011 / 504)	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	Metals Methods: 6020 / 6010 / 200.8 / 7470 / 7471	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	FL Preburn: Virgin Non-Virgin	pH Ignitability							TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Remarks: Hold TCLP	
1	OP-4	11-13-08	0930		SW	X		3				X			X	X	X		X		X		X	X										X	
2	OP-35	11-13-08	0915		SW	X		3				X			X	X	X		X		X		X	X										X	
3	OP-25	11-13-08	0830		SW	X		3				X			X	X	X		X		X		X	X										X	
4	OP-45	11-13-08	1000		SW	X		3				X			X	X	X		X		X		X	X										X	
5	SH-1S	11-13-08	1050		SW	X		3				X			X	X	X		X		X		X	X										X	
6	DUP 40308	11-13-08			SW	X		3				X			X	X	X		X																
7	SS-1 S	11-13-08	1310		SW	X		3				X			X	X	X		X		X		X	X										X	
8																																			
9																																			
10																																			

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) Greg Muse	11/13/08 1450	2) Dario Cagunas	11-14-08 10:07
3)		4)	
5)		6)	

Total Containers per COC: 117 Cooler Temp: 19 °C

All XENCO Standard Terms and Conditions Apply.

Rush Charges are Pre-Approved upon Requesting them.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____

Matrix: Air (A), Product (P), Solid(S), Water (W) solid Waste (SW)

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XENCO Laboratories

☐ 5757 N.W. 158th Street, Miami Lakes, Fl 33014 305-823-8500
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

☐ Philadephia/New Jersey 610-955-5649

Serial #: 223274

Company-City: Winter Environmental
Phone: 404 588 3300
Lab Only: D WO# 317746
Proj Name-Location: ☐ Previously done at XENCO
Project ID: 08040
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL ,GA, LA, MS, NC, NJ, PA, SC, TN, TX , UT Other
Proj. Manager (PM): Brent Sasser
Fax Results to ☐ PM or
e-mail to: Bsasser@winter-environmental.com
Fax No:
Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☒ Invoice must have a P.O Bill to: Brent Sasser
Quote/Pricing:
P.O No: 08040 ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)
LPST No.:
Sampler Name: Joe King
Signature:

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs BTEX-MTBE VOHs VOAs PP TCL Appdx 1 Appdx 2	Method: 8260 8021 624 524	PAHs: 8270 8100 8310 8270_SIM	TRPH by FL PRO DRO GRO MA EPH MA VPH	SVOCs: 8270 625 - (BN&AE) (TCL) (PP) (Appdx 2)	Pest. (8081 / 608) PCBs (8082 / 608) Herb. (8151 / 615)	EDB / DBCP (8011 / 504)	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	Metals Methods: 6020 / 6010 / 200.8 / 7470 / 7471	SPLP - TCLP Metals VOCs SVOCs Pest. Herb. PCBs	FL Preburn: Virgin Non-Virgin	PH	Ignitability						TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Remarks: HOLD TCLP	Addn: Date Rcv by: From:	
1	SH-1	11/13/08	1040		L	X		11				X			X	X	X		X		X		X	X										X		1
2	RBLK 40208	11/13/08	0825		L	X		5				X			X	X	X		X															X		2
3	RBLK 40108	11/12/08	0750		L	X		5				X			X	X	X		X																	3
4	OP-3	11/13/08	0950		L	X		11				X			X	X	X		X		X		X	X										X		4
5	DUP 40408	11/13/08			L	X		5				X			X	X	X		X				X	X												5
6	SS-1	11/13/08	1350		L	X		11				X			X	X	X		X		X		X	X										X		6
7																																				7
8																																				8
9																																				9
10																																				10

	Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1	1) GTM	11/13/08 1450	2) Dario Lagunas	11-14-08 10:07
2	3)		4)	
3	5)		6)	

Total Containers per COC: 117 Cooler Temp: 19°C

All XENCO Standard Terms and Conditions Apply.

Rush Charges are Pre-Approved upon Requesting them.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____

Matrix: Air (A), Product (P), Solid(S), Water (W) liquid waste (L)

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☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

☐ Philadephia/New Jersey 610-955-5649

Serial #: 223258

Company-City: Winter Environmental **Phone:** 404 588 3300

Lab Only: WO# 317746

Proj Name-Location ☐ Previously done at XENCO: Seven Out Superfund Site **Project ID:** 08040

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL ,GA, LA, MS, NC, NJ, PA, SC, TN, TX , UT Other **Proj. Manager (PM):** Brent Susser

Fax Results to ☐ PM or **e-mail to:** Bsasser@winter-environmental.com **Fax No:**

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to: B. Sasser

Quote/Pricing: **P.O No:** 08040 ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

LPST No.:

Sampler Name: Joe King Signature:

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs BTEX-MTBE VOHs VOAs PP TCL Appdx 1 Appdx 2	Method: 8260 8021 624 524	PAHs: 8270 8100 8310 8270_SIM	TRPH by FL PRO DRO GRO MA EPH MA VPH	SVOCs: 8270 625 - (BN&AE) (TCL) (PP) (Appdx 2)	Pest. (8081 / 608) PCBs (8082 / 608) Herb. (8151 / 615)	EDB / DBCP (8011 / 504)	Metals RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	Metals Methods: 6020 / 6010 / 200.8 / 7470 / 7471	SPLP - TCLP Metals VOCs SVOCs Pest. Herb. PCBs	FL Preburn: Virgin Non-Virgin	pH Ignitability						TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Hold TCLP		Addn: Date Rcv by: From:
1	CT-35	11-11-08	1615		SW	X						X			X	X	X		X		X		X	X											X		1
2	CT-65	11-11-08	1600		SW	X						X			X	X	X		X		X		X	X											X		2
3	CT-85	11-12-08	1030		SW	X						X			X	X	X		X		X		X	X											X		3
4	CT-75	11-12-08	0900		SW	X						X			X	X	X		X		X		X	X											X		4
5	CT-25	11-12-08	0935		SW	X						X			X	X	X		X		X		X	X											X		5
6	~~RBLK40108~~	~~11-12-08~~	~~0750~~		~~W~~		~~X~~					~~X~~			~~X~~	~~X~~	~~X~~		~~X~~				~~X~~	~~X~~												6
7	SS-25	11-13-08	13:45		SW							X			X	X	X		X		X		X	X													7
8																																				8
9																																				9
10																																				10

	Relinquished by (Initials and Sign)	Date & Time		Relinquished to (Initials and Sign)	Date & Time
1	1) GTM	11/13/08	1750	2) Darci Cagnas	11-14-08 10:07
2	3)			4)	
3	5)			6)	

Total Containers per COC: 117 Cooler Temp: 19 °C

All XENCO Standard Terms and Conditions Apply.

Rush Charges are Pre-Approved upon Requesting them.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____

Matrix: Air (A), Product (P), Solid(S), Water (W) (SW) Solid Waste Sludge

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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Winter Environmental.

Date/ Time: 11-14-08 10:07

Lab ID # : 317746

Initials: DL

Sample Receipt Checklist

#1	Temperature of cooler?			19	°C
#2	Shipping container in good condition?	YES	No	None	
#3	Samples received on ice?	YES	No	N/A	Blue/Water
#4	Custody Seals intact on shipping container/ cooler?	Yes	No	N/A	
#5	Custody Seals intact on sample bottles/ container?	Yes	No	N/A	
#6	Chain of Custody present?	YES	No		
#7	Sample instructions complete of Chain of Custody?	YES	No		
#8	Any missing/extra samples?	Yes	NO		
#9	Chain of Custody signed when relinquished/ received?	YES	No		
#10	Chain of Custody agrees with sample label(s)?	YES	No		
#11	Container label(s) legible and intact?	YES	No		
#12	Sample matrix/ properties agree with Chain of Custody?	YES	No		
#13	Samples in proper container/ bottle?	YES	No		
#14	Samples properly preserved?	YES	No	N/A	
#15	Sample container(s) intact?	YES	No		
#16	Sufficient sample amount for indicated test(s)?	YES	No		
#17	All samples received within sufficient hold time?	YES	No		
#18	Subcontract of sample(s)?	Yes	NO		
#19	VOC samples have zero headspace?	YES	No	N/A	

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: #15 - See Attached...

Corrective Action Taken:

#15 - See next page.

Check all that Apply:

- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

WO# 317746

XENCO Laboratories

Nonconformance Documentation

Item #	Nonconformance Noted:
#15	Broken containers in cooler upon received:
	- Sample #3 (D-02xx) - 1 amber 32 oz.
	- Sample # 20 (OP-3) - 1 vial 40ml. clear
	- Sample #21 (OUP-40408 - 1 Amber 32 oz.

Item #	Corrective Action Taken:
#15	Enough left over samples to complete testing.

Nonconformance Documentation

Analytical Report 317804

for

Winter Environmental

Project Manager: Brent Sasser

Seven Out Superfund Site

08040

29-DEC-08

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Texas certification numbers:
Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers:
Norcross(Atlanta), GA 98015

North Carolina certification numbers:
Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta

29-DEC-08

Project Manager: **Brent Sasser**
Winter Environmental
3350 Green Pointe Parkway
Norcross, GA 30092

Reference: XENCO Report No: **317804**
Seven Out Superfund Site
Project Address:

Brent Sasser:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 317804. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 317804 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

Sample Cross Reference 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
RW-1(5)	S	Nov-13-08 14:10		317804-001
RW-2(S)	S	Nov-13-08 16:20		317804-002
DP-1	S	Nov-14-08 09:05		317804-003
DP-2	S	Nov-14-08 07:50		317804-004
DUP-040508	S	Nov-14-08 00:00		317804-005
SH-4	S	Nov-14-08 11:20		317804-006
SH-3	S	Nov-14-08 13:00		317804-007
SH-2	S	Nov-14-08 13:40		317804-008
Storm water-1	L	Nov-13-08 15:45		317804-009
RW-2	L	Nov-13-08 15:46		317804-010
R BLK 40308	L	Nov-14-08 08:15		317804-011
DP-2	L	Nov-14-08 07:26		317804-012
DP-1	L	Nov-14-08 08:35		317804-013
SH-4	L	Nov-14-08 10:35		317804-014
SH-3	L	Nov-14-08 12:35		317804-015
SH-2	L	Nov-14-08 13:15		317804-016

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-1(5)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-001**	Date Collected: **Nov-13-08 14:10**	Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-20-08 18:28 Analyst: 4150 Date Prep: Nov-19-08 14:22 Tech: ABA
Seq Number: 740998

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	0.0043	0.0500	0.0030	mg/kg	J	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-20-08 22:07 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	33	3.7	ug/kg	U	1
PCB-1221	11104-28-2	U	33	3.4	ug/kg	U	1
PCB-1232	11141-16-5	U	33	3.3	ug/kg	U	1
PCB-1242	53469-21-9	U	33	3.7	ug/kg	U	1
PCB-1248	12672-29-6	U	33	3.5	ug/kg	U	1
PCB-1254	11097-69-1	U	33	3.8	ug/kg	U	1
PCB-1260	11096-82-5	U	33	4.2	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-20-08 13:56 Analyst: 4150 Date Prep: Nov-19-08 14:18 Tech: ABA
Seq Number: 740946

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.838	4.76	0.588	mg/kg	J	1
Barium	7440-39-3	16.9	4.76	0.146	mg/kg		1
Cadmium	7440-43-9	1.90	0.476	0.020	mg/kg		1
Chromium	7440-47-3	16.3	4.76	0.091	mg/kg		1
Lead	7439-92-1	7.68	4.76	0.286	mg/kg		1
Selenium	7782-49-2	U	4.76	0.910	mg/kg	U	1
Silver	7440-22-4	0.362	4.76	0.045	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-1(5)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-001**	Date Collected: **Nov-13-08 14:10**	Date Received: **Nov-15-08 09:30**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	9.00		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-1(5)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-001**	Date Collected: **Nov-13-08 14:10**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 03:47 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155

Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	3300	590	ug/kg	U	10
1,2-Dichlorobenzene	95-50-1	U	3300	540	ug/kg	U	10
1,3-Dichlorobenzene	541-73-1	U	3300	530	ug/kg	U	10
1,4-Dichlorobenzene	106-46-7	U	3300	520	ug/kg	U	10
2,4,5-Trichlorophenol	95-95-4	U	3300	610	ug/kg	U	10
2,4,6-Trichlorophenol	88-06-2	U	3300	640	ug/kg	U	10
2,4-Dichlorophenol	120-83-2	U	3300	420	ug/kg	U	10
2,4-Dimethylphenol	105-67-9	U	3300	610	ug/kg	U	10
2,4-Dinitrophenol	51-28-5	U	6700	540	ug/kg	U	10
2,4-Dinitrotoluene	121-14-2	U	3300	540	ug/kg	U	10
2,6-Dinitrotoluene	606-20-2	U	3300	430	ug/kg	U	10
2-Chloronaphthalene	91-58-7	U	3300	610	ug/kg	U	10
2-Chlorophenol	95-57-8	U	3300	600	ug/kg	U	10
2-Methylnaphthalene	91-57-6	14000	3300	510	ug/kg		10
2-methylphenol	95-48-7	U	3300	470	ug/kg	U	10
2-Nitroaniline	88-74-4	U	6700	450	ug/kg	U	10
2-Nitrophenol	88-75-5	U	3300	420	ug/kg	U	10
3&4-Methylphenol		U	6700	990	ug/kg	U	10
3,3-Dichlorobenzidine	91-94-1	U	6700	490	ug/kg	U	10
3-Nitroaniline	99-09-2	U	6700	460	ug/kg	U	10
4,6-dinitro-2-methyl phenol	534-52-1	U	6700	580	ug/kg	U	10
4-Bromophenyl-phenylether	101-55-3	U	3300	570	ug/kg	U	10
4-chloro-3-methylphenol	59-50-7	U	3300	480	ug/kg	U	10
4-Chloroaniline	106-47-8	4000	3300	550	ug/kg		10
4-Chlorophenyl Phenyl Ether	7005-72-3	U	3300	630	ug/kg	U	10
4-Nitroaniline	100-01-6	U	6700	510	ug/kg	U	10
4-Nitrophenol	100-02-7	U	6700	410	ug/kg	U	10
Acenaphthene	83-32-9	U	3300	470	ug/kg	U	10
Acenaphthylene	208-96-8	U	3300	570	ug/kg	U	10
Anthracene	120-12-7	U	3300	490	ug/kg	U	10
Benzo(a)anthracene	56-55-3	U	3300	540	ug/kg	U	10
Benzo(a)pyrene	50-32-8	U	3300	490	ug/kg	U	10
Benzo(b)fluoranthene	205-99-2	U	3300	540	ug/kg	U	10
Benzo(g,h,i)perylene	191-24-2	U	3300	550	ug/kg	U	10
Benzo(k)fluoranthene	207-08-9	U	3300	570	ug/kg	U	10
bis(2-chloroethoxy) methane	111-91-1	U	3300	400	ug/kg	U	10
bis(2-chloroethyl) ether	111-44-4	U	3300	470	ug/kg	U	10
bis(2-ethylhexyl) phthalate	117-81-7	U	3300	540	ug/kg	U	10
Benzyl Butyl Phthalate	85-68-7	U	3300	500	ug/kg	U	10

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-1(5)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-001**	Date Collected: **Nov-13-08 14:10**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 03:47 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155

Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	3300	570	ug/kg	U	10
Chrysene	218-01-9	U	3300	440	ug/kg	U	10
Dibenz(a,h)anthracene	53-70-3	U	3300	650	ug/kg	U	10
Dibenzofuran	132-64-9	U	3300	430	ug/kg	U	10
Diethyl Phthalate	84-66-2	U	3300	540	ug/kg	U	10
Dimethyl Phthalate	131-11-3	U	3300	500	ug/kg	U	10
di-n-Butyl Phthalate	84-74-2	U	3300	610	ug/kg	U	10
di-n-Octyl Phthalate	117-84-0	U	3300	550	ug/kg	U	10
Fluoranthene	206-44-0	U	3300	430	ug/kg	U	10
Fluorene	86-73-7	U	3300	410	ug/kg	U	10
Hexachlorobenzene	118-74-1	U	3300	560	ug/kg	U	10
Hexachlorobutadiene	87-68-3	U	3300	370	ug/kg	U	10
Hexachlorocyclopentadiene	77-47-4	U	3300	570	ug/kg	U	10
Hexachloroethane	67-72-1	U	3300	520	ug/kg	U	10
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	3300	610	ug/kg	U	10
Isophorone	78-59-1	U	3300	340	ug/kg	U	10
Naphthalene	91-20-3	3700	3300	530	ug/kg		10
Nitrobenzene	98-95-3	U	3300	590	ug/kg	U	10
N-Nitrosodi-n-Propylamine	621-64-7	U	3300	480	ug/kg	U	10
N-Nitrosodiphenylamine	86-30-6	U	3300	700	ug/kg	U	10
Pentachlorophenol	87-86-5	U	6700	600	ug/kg	U	10
Phenanthrene	85-01-8	U	3300	550	ug/kg	U	10
Phenol	108-95-2	U	3300	470	ug/kg	U	10
Pyrene	129-00-0	U	3300	570	ug/kg	U	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 22:19 Analyst: ANI Date Prep: Dec-15-08 18:14 Tech: ANI

Seq Number: 743625

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	18	9.6	1.4	mg/kg		50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-20-08 05:20 Analyst: WIB Date Prep: Nov-18-08 10:00 Tech: 4155

Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	5300	250	28	mg/kg	D	25

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-1(5)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-001** Date Collected: **Nov-13-08 14:10** Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 00:28 Analyst: 4124 Date Prep: Dec-19-08 17:25 Tech: 4124
Seq Number: 744368

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	5600	840	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	5600	1300	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	5600	1200	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	5600	740	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	5600	890	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	5600	1300	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	5600	970	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	5600	1800	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	5600	960	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	5600	1400	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	5600	660	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	5600	1000	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	5600	1100	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	5600	760	ug/kg	U	50
2-Butanone (MEK)	78-93-3	16000	56000	10000	ug/kg	J	50
2-Hexanone	591-78-6	U	56000	1300	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	7500	56000	3600	ug/kg	J	50
Acetone	67-64-1	220000	56000	7600	ug/kg		50
Benzene	71-43-2	71000	5600	570	ug/kg		50
Bromodichloromethane	75-27-4	U	5600	560	ug/kg	U	50
Bromoform	75-25-2	U	5600	1100	ug/kg	U	50
Bromomethane	74-83-9	U	5600	2700	ug/kg	U	50
Carbon disulfide	75-15-0	U	5600	1600	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	5600	820	ug/kg	U	50
Chlorobenzene	108-90-7	3000	11000	640	ug/kg	J	50
Chloroethane	75-00-3	U	5600	2700	ug/kg	U	50
Chloroform	67-66-3	U	5600	820	ug/kg	U	50
Chloromethane	74-87-3	U	5600	2600	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	5600	740	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	5600	600	ug/kg	U	50
Cyclohexane	110-82-7	U	5600	1000	ug/kg	U	50
Dibromochloromethane	124-48-1	U	5600	1100	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	5600	1300	ug/kg	U	50
Ethylbenzene	100-41-4	14000	5600	630	ug/kg		50
Isopropylbenzene	98-82-8	2200	5600	840	ug/kg	J	50
m,p-Xylenes	179601-23-1	47000	11000	1300	ug/kg		50
Methyl acetate	79-20-9	U	5600	1100	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	5600	770	ug/kg	U	50
Methylcyclohexane	108-87-2	U	5600	1200	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-1(5)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-001**	Date Collected: **Nov-13-08 14:10**	Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 00:28 Analyst: 4124 Date Prep: Dec-19-08 17:25 Tech: 4124

Seq Number: 744368

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	2600	5600	2400	ug/kg	J	50
o-Xylene	95-47-6	24000	5600	800	ug/kg		50
Styrene	100-42-5	U	5600	820	ug/kg	U	50
Tetrachloroethene	127-18-4	1400	5600	1200	ug/kg	J	50
Toluene	108-88-3	11000	5600	650	ug/kg		50
trans-1,2-Dichloroethene	156-60-5	U	5600	870	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	5600	740	ug/kg	U	50
Trichloroethene	79-01-6	4400	5600	790	ug/kg	J	50
Trichlorofluoromethane	75-69-4	U	5600	3900	ug/kg	U	50
Vinyl chloride	75-01-4	U	5600	2200	ug/kg	U	50
Xylenes, Total	1330-20-7	71000	5600		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-002**	Date Collected: **Nov-13-08 16:20**	Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-20-08 18:41 Analyst: 4150 Date Prep: Nov-19-08 14:22 Tech: ABA
Seq Number: 740998

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-20-08 22:30 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	33	3.7	ug/kg	U	1
PCB-1221	11104-28-2	U	33	3.4	ug/kg	U	1
PCB-1232	11141-16-5	U	33	3.3	ug/kg	U	1
PCB-1242	53469-21-9	U	33	3.6	ug/kg	U	1
PCB-1248	12672-29-6	U	33	3.5	ug/kg	U	1
PCB-1254	11097-69-1	U	33	3.7	ug/kg	U	1
PCB-1260	11096-82-5	U	33	4.2	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-20-08 14:07 Analyst: 4150 Date Prep: Nov-19-08 14:18 Tech: ABA
Seq Number: 740946

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.81	0.593	mg/kg	U	1
Barium	7440-39-3	0.846	4.81	0.147	mg/kg	J	1
Cadmium	7440-43-9	0.221	0.481	0.020	mg/kg	J	1
Chromium	7440-47-3	0.567	4.81	0.092	mg/kg	J	1
Lead	7439-92-1	U	4.81	0.288	mg/kg	U	1
Selenium	7782-49-2	U	4.81	0.919	mg/kg	U	1
Silver	7440-22-4	U	4.81	0.046	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-002**	Date Collected: **Nov-13-08 16:20**	Date Received: **Nov-15-08 09:30**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	9.50		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-2(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-002** Date Collected: **Nov-13-08 16:20** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 04:14 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	3300	590	ug/kg	U	10
1,2-Dichlorobenzene	95-50-1	U	3300	540	ug/kg	U	10
1,3-Dichlorobenzene	541-73-1	U	3300	530	ug/kg	U	10
1,4-Dichlorobenzene	106-46-7	U	3300	520	ug/kg	U	10
2,4,5-Trichlorophenol	95-95-4	U	3300	610	ug/kg	U	10
2,4,6-Trichlorophenol	88-06-2	U	3300	640	ug/kg	U	10
2,4-Dichlorophenol	120-83-2	U	3300	420	ug/kg	U	10
2,4-Dimethylphenol	105-67-9	U	3300	610	ug/kg	U	10
2,4-Dinitrophenol	51-28-5	U	6700	540	ug/kg	U	10
2,4-Dinitrotoluene	121-14-2	U	3300	540	ug/kg	U	10
2,6-Dinitrotoluene	606-20-2	U	3300	430	ug/kg	U	10
2-Chloronaphthalene	91-58-7	U	3300	610	ug/kg	U	10
2-Chlorophenol	95-57-8	U	3300	600	ug/kg	U	10
2-Methylnaphthalene	91-57-6	790	3300	510	ug/kg	J	10
2-methylphenol	95-48-7	U	3300	470	ug/kg	U	10
2-Nitroaniline	88-74-4	U	6700	450	ug/kg	U	10
2-Nitrophenol	88-75-5	U	3300	420	ug/kg	U	10
3&4-Methylphenol		U	6700	990	ug/kg	U	10
3,3-Dichlorobenzidine	91-94-1	U	6700	490	ug/kg	U	10
3-Nitroaniline	99-09-2	U	6700	460	ug/kg	U	10
4,6-dinitro-2-methyl phenol	534-52-1	U	6700	580	ug/kg	U	10
4-Bromophenyl-phenylether	101-55-3	U	3300	570	ug/kg	U	10
4-chloro-3-methylphenol	59-50-7	U	3300	480	ug/kg	U	10
4-Chloroaniline	106-47-8	U	3300	550	ug/kg	U	10
4-Chlorophenyl Phenyl Ether	7005-72-3	U	3300	630	ug/kg	U	10
4-Nitroaniline	100-01-6	U	6700	510	ug/kg	U	10
4-Nitrophenol	100-02-7	U	6700	410	ug/kg	U	10
Acenaphthene	83-32-9	U	3300	470	ug/kg	U	10
Acenaphthylene	208-96-8	U	3300	570	ug/kg	U	10
Anthracene	120-12-7	U	3300	490	ug/kg	U	10
Benzo(a)anthracene	56-55-3	U	3300	540	ug/kg	U	10
Benzo(a)pyrene	50-32-8	U	3300	490	ug/kg	U	10
Benzo(b)fluoranthene	205-99-2	U	3300	540	ug/kg	U	10
Benzo(g,h,i)perylene	191-24-2	U	3300	550	ug/kg	U	10
Benzo(k)fluoranthene	207-08-9	U	3300	570	ug/kg	U	10
bis(2-chloroethoxy) methane	111-91-1	U	3300	400	ug/kg	U	10
bis(2-chloroethyl) ether	111-44-4	U	3300	470	ug/kg	U	10
bis(2-ethylhexyl) phthalate	117-81-7	U	3300	540	ug/kg	U	10
Benzyl Butyl Phthalate	85-68-7	U	3300	500	ug/kg	U	10

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-2(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-002** Date Collected: **Nov-13-08 16:20** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 04:14 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	3300	570	ug/kg	U	10
Chrysene	218-01-9	U	3300	440	ug/kg	U	10
Dibenz(a,h)anthracene	53-70-3	U	3300	650	ug/kg	U	10
Dibenzofuran	132-64-9	U	3300	430	ug/kg	U	10
Diethyl Phthalate	84-66-2	U	3300	540	ug/kg	U	10
Dimethyl Phthalate	131-11-3	U	3300	500	ug/kg	U	10
di-n-Butyl Phthalate	84-74-2	U	3300	610	ug/kg	U	10
di-n-Octyl Phthalate	117-84-0	U	3300	550	ug/kg	U	10
Fluoranthene	206-44-0	U	3300	430	ug/kg	U	10
Fluorene	86-73-7	U	3300	410	ug/kg	U	10
Hexachlorobenzene	118-74-1	U	3300	560	ug/kg	U	10
Hexachlorobutadiene	87-68-3	U	3300	370	ug/kg	U	10
Hexachlorocyclopentadiene	77-47-4	U	3300	570	ug/kg	U	10
Hexachloroethane	67-72-1	U	3300	520	ug/kg	U	10
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	3300	610	ug/kg	U	10
Isophorone	78-59-1	U	3300	340	ug/kg	U	10
Naphthalene	91-20-3	U	3300	530	ug/kg	U	10
Nitrobenzene	98-95-3	U	3300	590	ug/kg	U	10
N-Nitrosodi-n-Propylamine	621-64-7	U	3300	480	ug/kg	U	10
N-Nitrosodiphenylamine	86-30-6	U	3300	700	ug/kg	U	10
Pentachlorophenol	87-86-5	U	6700	600	ug/kg	U	10
Phenanthrene	85-01-8	U	3300	550	ug/kg	U	10
Phenol	108-95-2	970	3300	470	ug/kg	J	10
Pyrene	129-00-0	U	3300	570	ug/kg	U	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 16:42 Analyst: ANI Date Prep: Dec-15-08 09:03 Tech: ANI
Seq Number: 743620

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	8.0	9.4	1.4	mg/kg	J	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-20-08 05:46 Analyst: WIB Date Prep: Nov-18-08 10:00 Tech: 4155
Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	340	20	2.3	mg/kg	D	2

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-2(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-002** Date Collected: **Nov-13-08 16:20** Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 00:57 Analyst: 4124 Date Prep: Dec-19-08 17:25 Tech: 4124
Seq Number: 744368

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	240	36	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	240	56	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	240	52	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	240	32	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	240	38	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	240	55	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	240	41	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	240	76	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	240	41	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	240	61	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	240	28	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	240	44	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	240	47	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	240	32	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2400	430	ug/kg	U	50
2-Hexanone	591-78-6	U	2400	53	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	260	2400	150	ug/kg	J	50
Acetone	67-64-1	5900	2400	320	ug/kg		50
Benzene	71-43-2	2700	240	24	ug/kg		50
Bromodichloromethane	75-27-4	U	240	24	ug/kg	U	50
Bromoform	75-25-2	U	240	45	ug/kg	U	50
Bromomethane	74-83-9	U	240	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	240	69	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	240	35	ug/kg	U	50
Chlorobenzene	108-90-7	U	470	27	ug/kg	U	50
Chloroethane	75-00-3	U	240	120	ug/kg	U	50
Chloroform	67-66-3	U	240	35	ug/kg	U	50
Chloromethane	74-87-3	U	240	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	240	31	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	240	25	ug/kg	U	50
Cyclohexane	110-82-7	U	240	45	ug/kg	U	50
Dibromochloromethane	124-48-1	U	240	47	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	240	56	ug/kg	U	50
Ethylbenzene	100-41-4	33	240	27	ug/kg	J	50
Isopropylbenzene	98-82-8	U	240	36	ug/kg	U	50
m,p-Xylenes	179601-23-1	110	470	57	ug/kg	J	50
Methyl acetate	79-20-9	U	240	45	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	240	33	ug/kg	U	50
Methylcyclohexane	108-87-2	U	240	51	ug/kg	U	50

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Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-002**	Date Collected: **Nov-13-08 16:20**	Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 00:57 Analyst: 4124 Date Prep: Dec-19-08 17:25 Tech: 4124

Seq Number: 744368

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	240	100	ug/kg	U	50
o-Xylene	95-47-6	60	240	34	ug/kg	J	50
Styrene	100-42-5	U	240	35	ug/kg	U	50
Tetrachloroethene	127-18-4	U	240	49	ug/kg	U	50
Toluene	108-88-3	54	240	28	ug/kg	J	50
trans-1,2-Dichloroethene	156-60-5	U	240	37	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	240	32	ug/kg	U	50
Trichloroethene	79-01-6	U	240	33	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	240	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	240	95	ug/kg	U	50
Xylenes, Total	1330-20-7	170	240		ug/kg	J	50

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

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Sample Id: **DP-1**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-003**	Date Collected: **Nov-14-08 09:05**	Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-20-08 18:45 Analyst: 4150 Date Prep: Nov-19-08 14:22 Tech: ABA
Seq Number: 740998

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-20-08 22:54 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	32	3.6	ug/kg	U	1
PCB-1221	11104-28-2	U	32	3.4	ug/kg	U	1
PCB-1232	11141-16-5	U	32	3.3	ug/kg	U	1
PCB-1242	53469-21-9	U	32	3.6	ug/kg	U	1
PCB-1248	12672-29-6	U	32	3.4	ug/kg	U	1
PCB-1254	11097-69-1	U	32	3.7	ug/kg	U	1
PCB-1260	11096-82-5	U	32	4.1	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-20-08 14:12 Analyst: 4150 Date Prep: Nov-19-08 14:18 Tech: ABA
Seq Number: 740946

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	1.00	4.59	0.566	mg/kg	J	1
Barium	7440-39-3	7.91	4.59	0.140	mg/kg		1
Cadmium	7440-43-9	0.330	0.459	0.019	mg/kg	J	1
Chromium	7440-47-3	2.38	4.59	0.088	mg/kg	J	1
Lead	7439-92-1	2.09	4.59	0.275	mg/kg	J	1
Selenium	7782-49-2	U	4.59	0.877	mg/kg	U	1
Silver	7440-22-4	0.229	4.59	0.043	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-1**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-003**	Date Collected: **Nov-14-08 09:05**	Date Received: **Nov-15-08 09:30**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.00		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-1** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-003** Date Collected: **Nov-14-08 09:05** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 04:41 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	33000	5900	ug/kg	U	100
1,2-Dichlorobenzene	95-50-1	U	33000	5400	ug/kg	U	100
1,3-Dichlorobenzene	541-73-1	U	33000	5300	ug/kg	U	100
1,4-Dichlorobenzene	106-46-7	U	33000	5200	ug/kg	U	100
2,4,5-Trichlorophenol	95-95-4	U	33000	6100	ug/kg	U	100
2,4,6-Trichlorophenol	88-06-2	U	33000	6400	ug/kg	U	100
2,4-Dichlorophenol	120-83-2	U	33000	4200	ug/kg	U	100
2,4-Dimethylphenol	105-67-9	U	33000	6100	ug/kg	U	100
2,4-Dinitrophenol	51-28-5	U	67000	5400	ug/kg	U	100
2,4-Dinitrotoluene	121-14-2	U	33000	5400	ug/kg	U	100
2,6-Dinitrotoluene	606-20-2	U	33000	4300	ug/kg	U	100
2-Chloronaphthalene	91-58-7	U	33000	6100	ug/kg	U	100
2-Chlorophenol	95-57-8	U	33000	6000	ug/kg	U	100
2-Methylnaphthalene	91-57-6	6300	33000	5100	ug/kg	J	100
2-methylphenol	95-48-7	U	33000	4700	ug/kg	U	100
2-Nitroaniline	88-74-4	U	67000	4500	ug/kg	U	100
2-Nitrophenol	88-75-5	U	33000	4200	ug/kg	U	100
3&4-Methylphenol		U	67000	9900	ug/kg	U	100
3,3-Dichlorobenzidine	91-94-1	U	67000	4900	ug/kg	U	100
3-Nitroaniline	99-09-2	U	67000	4600	ug/kg	U	100
4,6-dinitro-2-methyl phenol	534-52-1	U	67000	5800	ug/kg	U	100
4-Bromophenyl-phenylether	101-55-3	U	33000	5700	ug/kg	U	100
4-chloro-3-methylphenol	59-50-7	U	33000	4800	ug/kg	U	100
4-Chloroaniline	106-47-8	U	33000	5500	ug/kg	U	100
4-Chlorophenyl Phenyl Ether	7005-72-3	U	33000	6300	ug/kg	U	100
4-Nitroaniline	100-01-6	U	67000	5100	ug/kg	U	100
4-Nitrophenol	100-02-7	U	67000	4100	ug/kg	U	100
Acenaphthene	83-32-9	U	33000	4700	ug/kg	U	100
Acenaphthylene	208-96-8	U	33000	5700	ug/kg	U	100
Anthracene	120-12-7	U	33000	4900	ug/kg	U	100
Benzo(a)anthracene	56-55-3	U	33000	5400	ug/kg	U	100
Benzo(a)pyrene	50-32-8	U	33000	4900	ug/kg	U	100
Benzo(b)fluoranthene	205-99-2	U	33000	5400	ug/kg	U	100
Benzo(g,h,i)perylene	191-24-2	U	33000	5500	ug/kg	U	100
Benzo(k)fluoranthene	207-08-9	U	33000	5700	ug/kg	U	100
bis(2-chloroethoxy) methane	111-91-1	U	33000	4000	ug/kg	U	100
bis(2-chloroethyl) ether	111-44-4	U	33000	4700	ug/kg	U	100
bis(2-ethylhexyl) phthalate	117-81-7	U	33000	5400	ug/kg	U	100
Benzyl Butyl Phthalate	85-68-7	U	33000	5000	ug/kg	U	100

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-1** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-003** Date Collected: **Nov-14-08 09:05** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 04:41 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	33000	5700	ug/kg	U	100
Chrysene	218-01-9	U	33000	4400	ug/kg	U	100
Dibenz(a,h)anthracene	53-70-3	U	33000	6500	ug/kg	U	100
Dibenzofuran	132-64-9	U	33000	4300	ug/kg	U	100
Diethyl Phthalate	84-66-2	U	33000	5400	ug/kg	U	100
Dimethyl Phthalate	131-11-3	U	33000	5000	ug/kg	U	100
di-n-Butyl Phthalate	84-74-2	U	33000	6100	ug/kg	U	100
di-n-Octyl Phthalate	117-84-0	U	33000	5500	ug/kg	U	100
Fluoranthene	206-44-0	U	33000	4300	ug/kg	U	100
Fluorene	86-73-7	U	33000	4100	ug/kg	U	100
Hexachlorobenzene	118-74-1	U	33000	5600	ug/kg	U	100
Hexachlorobutadiene	87-68-3	U	33000	3700	ug/kg	U	100
Hexachlorocyclopentadiene	77-47-4	U	33000	5700	ug/kg	U	100
Hexachloroethane	67-72-1	U	33000	5200	ug/kg	U	100
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	33000	6100	ug/kg	U	100
Isophorone	78-59-1	U	33000	3400	ug/kg	U	100
Naphthalene	91-20-3	U	33000	5300	ug/kg	U	100
Nitrobenzene	98-95-3	U	33000	5900	ug/kg	U	100
N-Nitrosodi-n-Propylamine	621-64-7	U	33000	4800	ug/kg	U	100
N-Nitrosodiphenylamine	86-30-6	U	33000	7000	ug/kg	U	100
Pentachlorophenol	87-86-5	U	67000	6000	ug/kg	U	100
Phenanthrene	85-01-8	U	33000	5500	ug/kg	U	100
Phenol	108-95-2	33000	33000	4700	ug/kg		100
Pyrene	129-00-0	U	33000	5700	ug/kg	U	100

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 21:49 Analyst: ANI Date Prep: Dec-15-08 18:14 Tech: ANI
Seq Number: 743625

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	35	9.8	1.5	mg/kg		50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-20-08 06:11 Analyst: WIB Date Prep: Nov-18-08 10:00 Tech: 4155
Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	1100	100	11	mg/kg	D	10

Project: Xenco-Atlanta Master Project

Version: 1.046

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Seven Out Superfund Site

Sample Id: **DP-1** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-003** Date Collected: **Nov-14-08 09:05** Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 01:26 Analyst: 4124 Date Prep: Dec-19-08 17:25 Tech: 4124
Seq Number: 744368

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	37	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	58	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	54	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	33	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	39	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	57	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	43	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	79	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	42	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	1100	250	63	ug/kg		50
1,2-Dichloroethane	107-06-2	U	250	29	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	49	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	2600	2500	450	ug/kg		50
2-Hexanone	591-78-6	U	2500	55	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	360	2500	160	ug/kg	J	50
Acetone	67-64-1	160000	25000	3400	ug/kg	D	500
Benzene	71-43-2	2300	250	25	ug/kg		50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	47	ug/kg	U	50
Bromomethane	74-83-9	U	250	120	ug/kg	U	50
Carbon disulfide	75-15-0	1300	250	71	ug/kg		50
Carbon tetrachloride	56-23-5	U	250	36	ug/kg	U	50
Chlorobenzene	108-90-7	32	490	28	ug/kg	J	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	36	ug/kg	U	50
Chloromethane	74-87-3	110	250	110	ug/kg	J	50
cis-1,2-Dichloroethene	156-59-2	U	250	32	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	26	ug/kg	U	50
Cyclohexane	110-82-7	U	250	46	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	49	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	58	ug/kg	U	50
Ethylbenzene	100-41-4	93	250	28	ug/kg	J	50
Isopropylbenzene	98-82-8	780	250	37	ug/kg		50
m,p-Xylenes	179601-23-1	340	490	59	ug/kg	J	50
Methyl acetate	79-20-9	U	250	46	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	34	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	53	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.046

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Seven Out Superfund Site

Sample Id: **DP-1**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-003**	Date Collected: **Nov-14-08 09:05**	Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 01:26 Analyst: 4124 Date Prep: Dec-19-08 17:25 Tech: 4124

Seq Number: 744368

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	140	250	110	ug/kg	J	50
o-Xylene	95-47-6	760	250	35	ug/kg		50
Styrene	100-42-5	U	250	36	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	51	ug/kg	U	50
Toluene	108-88-3	180	250	29	ug/kg	J	50
trans-1,2-Dichloroethene	156-60-5	U	250	38	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	33	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	98	ug/kg	U	50
Xylenes, Total	1330-20-7	1100	250		ug/kg		50

Project: Xenco-Atlanta Master Project

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Sample Id: **DP-2**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-004**	Date Collected: **Nov-14-08 07:50**	Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-20-08 18:48 Analyst: 4150 Date Prep: Nov-19-08 14:22 Tech: ABA
Seq Number: 740998

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	0.0064	0.0490	0.0029	mg/kg	J	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-20-08 23:18 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	33	3.7	ug/kg	U	1
PCB-1221	11104-28-2	U	33	3.4	ug/kg	U	1
PCB-1232	11141-16-5	U	33	3.3	ug/kg	U	1
PCB-1242	53469-21-9	U	33	3.6	ug/kg	U	1
PCB-1248	12672-29-6	U	33	3.4	ug/kg	U	1
PCB-1254	11097-69-1	U	33	3.7	ug/kg	U	1
PCB-1260	11096-82-5	U	33	4.1	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-20-08 14:14 Analyst: 4150 Date Prep: Nov-19-08 14:18 Tech: ABA
Seq Number: 740946

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	5.36	4.63	0.571	mg/kg		1
Barium	7440-39-3	24.0	4.63	0.142	mg/kg		1
Cadmium	7440-43-9	0.778	0.463	0.019	mg/kg		1
Chromium	7440-47-3	6.62	4.63	0.089	mg/kg		1
Lead	7439-92-1	2.07	4.63	0.278	mg/kg	J	1
Selenium	7782-49-2	U	4.63	0.885	mg/kg	U	1
Silver	7440-22-4	0.185	4.63	0.044	mg/kg	J	1

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Version: 1.046

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Sample Id: **DP-2**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-004**	Date Collected: **Nov-14-08 07:50**	Date Received: **Nov-15-08 09:30**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	9.50		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Seven Out Superfund Site

Sample Id: **DP-2** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-004** Date Collected: **Nov-14-08 07:50** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 05:09 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	3300	580	ug/kg	U	10
1,2-Dichlorobenzene	95-50-1	U	3300	530	ug/kg	U	10
1,3-Dichlorobenzene	541-73-1	U	3300	520	ug/kg	U	10
1,4-Dichlorobenzene	106-46-7	U	3300	510	ug/kg	U	10
2,4,5-Trichlorophenol	95-95-4	U	3300	600	ug/kg	U	10
2,4,6-Trichlorophenol	88-06-2	U	3300	630	ug/kg	U	10
2,4-Dichlorophenol	120-83-2	U	3300	420	ug/kg	U	10
2,4-Dimethylphenol	105-67-9	U	3300	600	ug/kg	U	10
2,4-Dinitrophenol	51-28-5	U	6600	530	ug/kg	U	10
2,4-Dinitrotoluene	121-14-2	U	3300	530	ug/kg	U	10
2,6-Dinitrotoluene	606-20-2	U	3300	430	ug/kg	U	10
2-Chloronaphthalene	91-58-7	U	3300	600	ug/kg	U	10
2-Chlorophenol	95-57-8	U	3300	590	ug/kg	U	10
2-Methylnaphthalene	91-57-6	4600	3300	500	ug/kg		10
2-methylphenol	95-48-7	U	3300	460	ug/kg	U	10
2-Nitroaniline	88-74-4	U	6600	440	ug/kg	U	10
2-Nitrophenol	88-75-5	U	3300	410	ug/kg	U	10
3&4-Methylphenol		U	6600	970	ug/kg	U	10
3,3-Dichlorobenzidine	91-94-1	U	6600	480	ug/kg	U	10
3-Nitroaniline	99-09-2	U	6600	450	ug/kg	U	10
4,6-dinitro-2-methyl phenol	534-52-1	U	6600	570	ug/kg	U	10
4-Bromophenyl-phenylether	101-55-3	U	3300	560	ug/kg	U	10
4-chloro-3-methylphenol	59-50-7	U	3300	470	ug/kg	U	10
4-Chloroaniline	106-47-8	U	3300	550	ug/kg	U	10
4-Chlorophenyl Phenyl Ether	7005-72-3	U	3300	620	ug/kg	U	10
4-Nitroaniline	100-01-6	U	6600	500	ug/kg	U	10
4-Nitrophenol	100-02-7	U	6600	400	ug/kg	U	10
Acenaphthene	83-32-9	U	3300	460	ug/kg	U	10
Acenaphthylene	208-96-8	U	3300	560	ug/kg	U	10
Anthracene	120-12-7	U	3300	490	ug/kg	U	10
Benzo(a)anthracene	56-55-3	U	3300	530	ug/kg	U	10
Benzo(a)pyrene	50-32-8	U	3300	480	ug/kg	U	10
Benzo(b)fluoranthene	205-99-2	U	3300	540	ug/kg	U	10
Benzo(g,h,i)perylene	191-24-2	U	3300	540	ug/kg	U	10
Benzo(k)fluoranthene	207-08-9	U	3300	570	ug/kg	U	10
bis(2-chloroethoxy) methane	111-91-1	U	3300	390	ug/kg	U	10
bis(2-chloroethyl) ether	111-44-4	U	3300	470	ug/kg	U	10
bis(2-ethylhexyl) phthalate	117-81-7	U	3300	530	ug/kg	U	10
Benzyl Butyl Phthalate	85-68-7	U	3300	490	ug/kg	U	10

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-2** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-004** Date Collected: **Nov-14-08 07:50** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 05:09 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	3300	560	ug/kg	U	10
Chrysene	218-01-9	U	3300	440	ug/kg	U	10
Dibenz(a,h)anthracene	53-70-3	U	3300	640	ug/kg	U	10
Dibenzofuran	132-64-9	U	3300	420	ug/kg	U	10
Diethyl Phthalate	84-66-2	U	3300	530	ug/kg	U	10
Dimethyl Phthalate	131-11-3	U	3300	500	ug/kg	U	10
di-n-Butyl Phthalate	84-74-2	U	3300	600	ug/kg	U	10
di-n-Octyl Phthalate	117-84-0	U	3300	550	ug/kg	U	10
Fluoranthene	206-44-0	U	3300	430	ug/kg	U	10
Fluorene	86-73-7	U	3300	400	ug/kg	U	10
Hexachlorobenzene	118-74-1	U	3300	550	ug/kg	U	10
Hexachlorobutadiene	87-68-3	U	3300	360	ug/kg	U	10
Hexachlorocyclopentadiene	77-47-4	U	3300	570	ug/kg	U	10
Hexachloroethane	67-72-1	U	3300	510	ug/kg	U	10
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	3300	600	ug/kg	U	10
Isophorone	78-59-1	U	3300	340	ug/kg	U	10
Naphthalene	91-20-3	1500	3300	530	ug/kg	J	10
Nitrobenzene	98-95-3	U	3300	580	ug/kg	U	10
N-Nitrosodi-n-Propylamine	621-64-7	U	3300	470	ug/kg	U	10
N-Nitrosodiphenylamine	86-30-6	U	3300	690	ug/kg	U	10
Pentachlorophenol	87-86-5	U	6600	590	ug/kg	U	10
Phenanthrene	85-01-8	U	3300	550	ug/kg	U	10
Phenol	108-95-2	2300	3300	460	ug/kg	J	10
Pyrene	129-00-0	U	3300	560	ug/kg	U	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 22:50 Analyst: ANI Date Prep: Dec-15-08 18:14 Tech: ANI
Seq Number: 743625

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	9.3	9.3	1.4	mg/kg		50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-20-08 06:36 Analyst: WIB Date Prep: Nov-18-08 10:00 Tech: 4155
Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	3700	250	28	mg/kg	D	25

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-2** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-004** Date Collected: **Nov-14-08 07:50** Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 01:55 Analyst: 4124 Date Prep: Dec-19-08 17:25 Tech: 4124
Seq Number: 744368

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	230	35	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	230	55	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	230	52	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	230	31	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	230	37	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	230	54	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	230	41	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	230	75	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	230	40	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	230	60	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	230	28	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	230	43	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	230	46	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	230	32	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2300	420	ug/kg	U	50
2-Hexanone	591-78-6	U	2300	53	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2300	150	ug/kg	U	50
Acetone	67-64-1	U	2300	320	ug/kg	U	50
Benzene	71-43-2	470	230	24	ug/kg		50
Bromodichloromethane	75-27-4	U	230	23	ug/kg	U	50
Bromoform	75-25-2	U	230	45	ug/kg	U	50
Bromomethane	74-83-9	U	230	110	ug/kg	U	50
Carbon disulfide	75-15-0	U	230	68	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	230	35	ug/kg	U	50
Chlorobenzene	108-90-7	U	470	27	ug/kg	U	50
Chloroethane	75-00-3	U	230	110	ug/kg	U	50
Chloroform	67-66-3	U	230	35	ug/kg	U	50
Chloromethane	74-87-3	120	230	110	ug/kg	J	50
cis-1,2-Dichloroethene	156-59-2	U	230	31	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	230	25	ug/kg	U	50
Cyclohexane	110-82-7	U	230	44	ug/kg	U	50
Dibromochloromethane	124-48-1	U	230	46	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	230	55	ug/kg	U	50
Ethylbenzene	100-41-4	170	230	26	ug/kg	J	50
Isopropylbenzene	98-82-8	83	230	35	ug/kg	J	50
m,p-Xylenes	179601-23-1	380	470	56	ug/kg	J	50
Methyl acetate	79-20-9	U	230	44	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	230	32	ug/kg	U	50
Methylcyclohexane	108-87-2	U	230	51	ug/kg	U	50

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Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-2**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-004**	Date Collected: **Nov-14-08 07:50**	Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 01:55 Analyst: 4124 Date Prep: Dec-19-08 17:25 Tech: 4124

Seq Number: 744368

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	150	230	100	ug/kg	J	50
o-Xylene	95-47-6	210	230	33	ug/kg	J	50
Styrene	100-42-5	U	230	35	ug/kg	U	50
Tetrachloroethene	127-18-4	U	230	48	ug/kg	U	50
Toluene	108-88-3	240	230	27	ug/kg		50
trans-1,2-Dichloroethene	156-60-5	U	230	36	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	230	31	ug/kg	U	50
Trichloroethene	79-01-6	U	230	33	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	230	160	ug/kg	U	50
Vinyl chloride	75-01-4	U	230	94	ug/kg	U	50
Xylenes, Total	1330-20-7	590	230		ug/kg		50

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Version: 1.046

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Sample Id: **DUP-040508** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-005** Date Collected: **Nov-14-08 00:00** Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-20-08 18:58 Analyst: 4150 Date Prep: Nov-19-08 14:22 Tech: ABA
Seq Number: 740998

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0490	0.0029	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-20-08 23:42 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	33	3.7	ug/kg	U	1
PCB-1221	11104-28-2	U	33	3.4	ug/kg	U	1
PCB-1232	11141-16-5	U	33	3.3	ug/kg	U	1
PCB-1242	53469-21-9	U	33	3.6	ug/kg	U	1
PCB-1248	12672-29-6	U	33	3.5	ug/kg	U	1
PCB-1254	11097-69-1	U	33	3.7	ug/kg	U	1
PCB-1260	11096-82-5	U	33	4.2	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-20-08 14:16 Analyst: 4150 Date Prep: Nov-19-08 14:18 Tech: ABA
Seq Number: 740946

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.951	4.85	0.599	mg/kg	J	1
Barium	7440-39-3	8.59	4.85	0.149	mg/kg		1
Cadmium	7440-43-9	0.301	0.485	0.020	mg/kg	J	1
Chromium	7440-47-3	2.50	4.85	0.093	mg/kg	J	1
Lead	7439-92-1	2.00	4.85	0.291	mg/kg	J	1
Selenium	7782-49-2	U	4.85	0.928	mg/kg	U	1
Silver	7440-22-4	0.214	4.85	0.046	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP-040508**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-005**	Date Collected: **Nov-14-08 00:00**	Date Received: **Nov-15-08 09:30**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Dec-01-08 12:10 Analyst: 4154 Date Prep: Tech: 4154

Seq Number: 741934

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	6.50	N/A	N/A	SU		1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP-040508** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-005** Date Collected: **Nov-14-08 00:00** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 05:36 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	33000	5900	ug/kg	U	100
1,2-Dichlorobenzene	95-50-1	U	33000	5400	ug/kg	U	100
1,3-Dichlorobenzene	541-73-1	U	33000	5300	ug/kg	U	100
1,4-Dichlorobenzene	106-46-7	U	33000	5200	ug/kg	U	100
2,4,5-Trichlorophenol	95-95-4	U	33000	6100	ug/kg	U	100
2,4,6-Trichlorophenol	88-06-2	U	33000	6400	ug/kg	U	100
2,4-Dichlorophenol	120-83-2	U	33000	4200	ug/kg	U	100
2,4-Dimethylphenol	105-67-9	U	33000	6100	ug/kg	U	100
2,4-Dinitrophenol	51-28-5	U	67000	5400	ug/kg	U	100
2,4-Dinitrotoluene	121-14-2	U	33000	5400	ug/kg	U	100
2,6-Dinitrotoluene	606-20-2	U	33000	4300	ug/kg	U	100
2-Chloronaphthalene	91-58-7	U	33000	6100	ug/kg	U	100
2-Chlorophenol	95-57-8	U	33000	6000	ug/kg	U	100
2-Methylnaphthalene	91-57-6	U	33000	5100	ug/kg	U	100
2-methylphenol	95-48-7	U	33000	4700	ug/kg	U	100
2-Nitroaniline	88-74-4	U	67000	4500	ug/kg	U	100
2-Nitrophenol	88-75-5	U	33000	4200	ug/kg	U	100
3&4-Methylphenol		U	67000	9900	ug/kg	U	100
3,3-Dichlorobenzidine	91-94-1	U	67000	4900	ug/kg	U	100
3-Nitroaniline	99-09-2	U	67000	4600	ug/kg	U	100
4,6-dinitro-2-methyl phenol	534-52-1	U	67000	5800	ug/kg	U	100
4-Bromophenyl-phenylether	101-55-3	U	33000	5700	ug/kg	U	100
4-chloro-3-methylphenol	59-50-7	U	33000	4800	ug/kg	U	100
4-Chloroaniline	106-47-8	U	33000	5500	ug/kg	U	100
4-Chlorophenyl Phenyl Ether	7005-72-3	U	33000	6300	ug/kg	U	100
4-Nitroaniline	100-01-6	U	67000	5100	ug/kg	U	100
4-Nitrophenol	100-02-7	U	67000	4100	ug/kg	U	100
Acenaphthene	83-32-9	U	33000	4700	ug/kg	U	100
Acenaphthylene	208-96-8	U	33000	5700	ug/kg	U	100
Anthracene	120-12-7	U	33000	4900	ug/kg	U	100
Benzo(a)anthracene	56-55-3	U	33000	5400	ug/kg	U	100
Benzo(a)pyrene	50-32-8	U	33000	4900	ug/kg	U	100
Benzo(b)fluoranthene	205-99-2	U	33000	5400	ug/kg	U	100
Benzo(g,h,i)perylene	191-24-2	U	33000	5500	ug/kg	U	100
Benzo(k)fluoranthene	207-08-9	U	33000	5700	ug/kg	U	100
bis(2-chloroethoxy) methane	111-91-1	U	33000	4000	ug/kg	U	100
bis(2-chloroethyl) ether	111-44-4	U	33000	4700	ug/kg	U	100
bis(2-ethylhexyl) phthalate	117-81-7	U	33000	5400	ug/kg	U	100
Benzyl Butyl Phthalate	85-68-7	U	33000	5000	ug/kg	U	100

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP-040508** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-005** Date Collected: **Nov-14-08 00:00** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 05:36 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	33000	5700	ug/kg	U	100
Chrysene	218-01-9	U	33000	4400	ug/kg	U	100
Dibenz(a,h)anthracene	53-70-3	U	33000	6500	ug/kg	U	100
Dibenzofuran	132-64-9	U	33000	4300	ug/kg	U	100
Diethyl Phthalate	84-66-2	U	33000	5400	ug/kg	U	100
Dimethyl Phthalate	131-11-3	U	33000	5000	ug/kg	U	100
di-n-Butyl Phthalate	84-74-2	U	33000	6100	ug/kg	U	100
di-n-Octyl Phthalate	117-84-0	U	33000	5500	ug/kg	U	100
Fluoranthene	206-44-0	U	33000	4300	ug/kg	U	100
Fluorene	86-73-7	U	33000	4100	ug/kg	U	100
Hexachlorobenzene	118-74-1	U	33000	5600	ug/kg	U	100
Hexachlorobutadiene	87-68-3	U	33000	3700	ug/kg	U	100
Hexachlorocyclopentadiene	77-47-4	U	33000	5700	ug/kg	U	100
Hexachloroethane	67-72-1	U	33000	5200	ug/kg	U	100
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	33000	6100	ug/kg	U	100
Isophorone	78-59-1	U	33000	3400	ug/kg	U	100
Naphthalene	91-20-3	U	33000	5300	ug/kg	U	100
Nitrobenzene	98-95-3	U	33000	5900	ug/kg	U	100
N-Nitrosodi-n-Propylamine	621-64-7	U	33000	4800	ug/kg	U	100
N-Nitrosodiphenylamine	86-30-6	U	33000	7000	ug/kg	U	100
Pentachlorophenol	87-86-5	U	67000	6000	ug/kg	U	100
Phenanthrene	85-01-8	U	33000	5500	ug/kg	U	100
Phenol	108-95-2	16000	33000	4700	ug/kg	J	100
Pyrene	129-00-0	U	33000	5700	ug/kg	U	100

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 21:18 Analyst: ANI Date Prep: Dec-15-08 18:14 Tech: ANI
Seq Number: 743625

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	30	9.3	1.4	mg/kg		50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-20-08 07:01 Analyst: WIB Date Prep: Nov-18-08 10:00 Tech: 4155
Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	2000	200	23	mg/kg	D	20

Project: Xenco-Atlanta Master Project

Version: 1.046

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Seven Out Superfund Site

Sample Id: **DUP-040508** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-005** Date Collected: **Nov-14-08 00:00** Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 14:57 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	460	70	ug/kg	U	100
1,1,2,2-Tetrachloroethane	79-34-5	U	460	110	ug/kg	U	100
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	460	100	ug/kg	U	100
1,1,2-Trichloroethane	79-00-5	U	460	62	ug/kg	U	100
1,1-Dichloroethane	75-34-3	U	460	74	ug/kg	U	100
1,1-Dichloroethene	75-35-4	U	460	110	ug/kg	U	100
1,2,4-Trichlorobenzene	120-82-1	U	460	81	ug/kg	U	100
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	460	150	ug/kg	U	100
1,2-Dibromoethane (EDB)	106-93-4	U	460	80	ug/kg	U	100
1,2-Dichlorobenzene	95-50-1	940	460	120	ug/kg		100
1,2-Dichloroethane	107-06-2	U	460	55	ug/kg	U	100
1,2-Dichloropropane	78-87-5	U	460	86	ug/kg	U	100
1,3-Dichlorobenzene	541-73-1	U	460	92	ug/kg	U	100
1,4-Dichlorobenzene	106-46-7	U	460	63	ug/kg	U	100
2-Butanone (MEK)	78-93-3	2700	4600	840	ug/kg	J	100
2-Hexanone	591-78-6	U	4600	100	ug/kg	U	100
4-Methyl-2-pentanone (MIBK)	108-10-1	390	4600	300	ug/kg	J	100
Acetone	67-64-1	150000	46000	6400	ug/kg	D	1000
Benzene	71-43-2	1800	460	48	ug/kg		100
Bromodichloromethane	75-27-4	U	460	46	ug/kg	U	100
Bromoform	75-25-2	U	460	89	ug/kg	U	100
Bromomethane	74-83-9	460	460	230	ug/kg	J	100
Carbon disulfide	75-15-0	1100	460	130	ug/kg		100
Carbon tetrachloride	56-23-5	U	460	69	ug/kg	U	100
Chlorobenzene	108-90-7	U	930	54	ug/kg	U	100
Chloroethane	75-00-3	U	460	230	ug/kg	U	100
Chloroform	67-66-3	U	460	69	ug/kg	U	100
Chloromethane	74-87-3	290	460	210	ug/kg	J	100
cis-1,2-Dichloroethene	156-59-2	U	460	61	ug/kg	U	100
cis-1,3-Dichloropropene	10061-01-5	U	460	50	ug/kg	U	100
Cyclohexane	110-82-7	U	460	88	ug/kg	U	100
Dibromochloromethane	124-48-1	U	460	92	ug/kg	U	100
Dichlorodifluoromethane	75-71-8	U	460	110	ug/kg	U	100
Ethylbenzene	100-41-4	74	460	52	ug/kg	J	100
Isopropylbenzene	98-82-8	630	460	70	ug/kg		100
m,p-Xylenes	179601-23-1	280	930	110	ug/kg	J	100
Methyl acetate	79-20-9	U	460	88	ug/kg	U	100
Methyl tert-butyl ether	1634-04-4	U	460	64	ug/kg	U	100
Methylcyclohexane	108-87-2	U	460	100	ug/kg	U	100

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP-040508**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-005**	Date Collected: **Nov-14-08 00:00**	Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 14:57 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	460	200	ug/kg	U	100
o-Xylene	95-47-6	580	460	66	ug/kg		100
Styrene	100-42-5	U	460	69	ug/kg	U	100
Tetrachloroethene	127-18-4	U	460	96	ug/kg	U	100
Toluene	108-88-3	150	460	54	ug/kg	J	100
trans-1,2-Dichloroethene	156-60-5	U	460	72	ug/kg	U	100
trans-1,3-Dichloropropene	10061-02-6	U	460	62	ug/kg	U	100
Trichloroethene	79-01-6	U	460	65	ug/kg	U	100
Trichlorofluoromethane	75-69-4	U	460	330	ug/kg	U	100
Vinyl chloride	75-01-4	U	460	190	ug/kg	U	100
Xylenes, Total	1330-20-7	860	460		ug/kg		100

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

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Sample Id: **SH-4**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-006**	Date Collected: **Nov-14-08 11:20**	Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-20-08 19:02 Analyst: 4150 Date Prep: Nov-19-08 14:22 Tech: ABA
Seq Number: 740998

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0490	0.0029	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-21-08 00:05 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	33	3.7	ug/kg	U	1
PCB-1221	11104-28-2	U	33	3.4	ug/kg	U	1
PCB-1232	11141-16-5	U	33	3.3	ug/kg	U	1
PCB-1242	53469-21-9	U	33	3.6	ug/kg	U	1
PCB-1248	12672-29-6	U	33	3.5	ug/kg	U	1
PCB-1254	11097-69-1	U	33	3.7	ug/kg	U	1
PCB-1260	11096-82-5	U	33	4.1	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-20-08 14:17 Analyst: 4150 Date Prep: Nov-19-08 14:18 Tech: ABA
Seq Number: 740946

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.723	4.95	0.611	mg/kg	J	1
Barium	7440-39-3	22.0	4.95	0.151	mg/kg		1
Cadmium	7440-43-9	0.624	0.495	0.021	mg/kg		1
Chromium	7440-47-3	6.22	4.95	0.095	mg/kg		1
Lead	7439-92-1	12.1	4.95	0.297	mg/kg		1
Selenium	7782-49-2	U	4.95	0.947	mg/kg	U	1
Silver	7440-22-4	1.17	4.95	0.047	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-4**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-006**	Date Collected: **Nov-14-08 11:20**	Date Received: **Nov-15-08 09:30**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.00		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-4**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-006**	Date Collected: **Nov-14-08 11:20**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 06:04 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155

Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	33000	5900	ug/kg	U	100
1,2-Dichlorobenzene	95-50-1	U	33000	5400	ug/kg	U	100
1,3-Dichlorobenzene	541-73-1	U	33000	5300	ug/kg	U	100
1,4-Dichlorobenzene	106-46-7	U	33000	5200	ug/kg	U	100
2,4,5-Trichlorophenol	95-95-4	U	33000	6100	ug/kg	U	100
2,4,6-Trichlorophenol	88-06-2	U	33000	6400	ug/kg	U	100
2,4-Dichlorophenol	120-83-2	U	33000	4200	ug/kg	U	100
2,4-Dimethylphenol	105-67-9	U	33000	6100	ug/kg	U	100
2,4-Dinitrophenol	51-28-5	U	67000	5400	ug/kg	U	100
2,4-Dinitrotoluene	121-14-2	U	33000	5400	ug/kg	U	100
2,6-Dinitrotoluene	606-20-2	U	33000	4300	ug/kg	U	100
2-Chloronaphthalene	91-58-7	U	33000	6100	ug/kg	U	100
2-Chlorophenol	95-57-8	U	33000	6000	ug/kg	U	100
2-Methylnaphthalene	91-57-6	55000	33000	5100	ug/kg		100
2-methylphenol	95-48-7	U	33000	4700	ug/kg	U	100
2-Nitroaniline	88-74-4	U	67000	4500	ug/kg	U	100
2-Nitrophenol	88-75-5	U	33000	4200	ug/kg	U	100
3&4-Methylphenol		U	67000	9900	ug/kg	U	100
3,3-Dichlorobenzidine	91-94-1	U	67000	4900	ug/kg	U	100
3-Nitroaniline	99-09-2	U	67000	4600	ug/kg	U	100
4,6-dinitro-2-methyl phenol	534-52-1	U	67000	5800	ug/kg	U	100
4-Bromophenyl-phenylether	101-55-3	U	33000	5700	ug/kg	U	100
4-chloro-3-methylphenol	59-50-7	U	33000	4800	ug/kg	U	100
4-Chloroaniline	106-47-8	U	33000	5500	ug/kg	U	100
4-Chlorophenyl Phenyl Ether	7005-72-3	U	33000	6300	ug/kg	U	100
4-Nitroaniline	100-01-6	U	67000	5100	ug/kg	U	100
4-Nitrophenol	100-02-7	U	67000	4100	ug/kg	U	100
Acenaphthene	83-32-9	U	33000	4700	ug/kg	U	100
Acenaphthylene	208-96-8	U	33000	5700	ug/kg	U	100
Anthracene	120-12-7	U	33000	4900	ug/kg	U	100
Benzo(a)anthracene	56-55-3	U	33000	5400	ug/kg	U	100
Benzo(a)pyrene	50-32-8	U	33000	4900	ug/kg	U	100
Benzo(b)fluoranthene	205-99-2	U	33000	5400	ug/kg	U	100
Benzo(g,h,i)perylene	191-24-2	U	33000	5500	ug/kg	U	100
Benzo(k)fluoranthene	207-08-9	U	33000	5700	ug/kg	U	100
bis(2-chloroethoxy) methane	111-91-1	U	33000	4000	ug/kg	U	100
bis(2-chloroethyl) ether	111-44-4	U	33000	4700	ug/kg	U	100
bis(2-ethylhexyl) phthalate	117-81-7	U	33000	5400	ug/kg	U	100
Benzyl Butyl Phthalate	85-68-7	U	33000	5000	ug/kg	U	100

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-4**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-006**	Date Collected: **Nov-14-08 11:20**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 06:04 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155

Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	33000	5700	ug/kg	U	100
Chrysene	218-01-9	U	33000	4400	ug/kg	U	100
Dibenz(a,h)anthracene	53-70-3	U	33000	6500	ug/kg	U	100
Dibenzofuran	132-64-9	U	33000	4300	ug/kg	U	100
Diethyl Phthalate	84-66-2	U	33000	5400	ug/kg	U	100
Dimethyl Phthalate	131-11-3	U	33000	5000	ug/kg	U	100
di-n-Butyl Phthalate	84-74-2	U	33000	6100	ug/kg	U	100
di-n-Octyl Phthalate	117-84-0	U	33000	5500	ug/kg	U	100
Fluoranthene	206-44-0	U	33000	4300	ug/kg	U	100
Fluorene	86-73-7	U	33000	4100	ug/kg	U	100
Hexachlorobenzene	118-74-1	U	33000	5600	ug/kg	U	100
Hexachlorobutadiene	87-68-3	U	33000	3700	ug/kg	U	100
Hexachlorocyclopentadiene	77-47-4	U	33000	5700	ug/kg	U	100
Hexachloroethane	67-72-1	U	33000	5200	ug/kg	U	100
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	33000	6100	ug/kg	U	100
Isophorone	78-59-1	U	33000	3400	ug/kg	U	100
Naphthalene	91-20-3	22000	33000	5300	ug/kg	J	100
Nitrobenzene	98-95-3	U	33000	5900	ug/kg	U	100
N-Nitrosodi-n-Propylamine	621-64-7	U	33000	4800	ug/kg	U	100
N-Nitrosodiphenylamine	86-30-6	U	33000	7000	ug/kg	U	100
Pentachlorophenol	87-86-5	U	67000	6000	ug/kg	U	100
Phenanthrene	85-01-8	U	33000	5500	ug/kg	U	100
Phenol	108-95-2	31000	33000	4700	ug/kg	J	100
Pyrene	129-00-0	U	33000	5700	ug/kg	U	100

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 20:17 Analyst: ANI Date Prep: Dec-15-08 18:14 Tech: ANI

Seq Number: 743625

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	46	9.9	1.5	mg/kg		50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-20-08 07:26 Analyst: WIB Date Prep: Nov-18-08 10:00 Tech: 4155

Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	2700	250	28	mg/kg	D	25

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-4**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-006**	Date Collected: **Nov-14-08 11:20**	Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 15:26 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	490	74	ug/kg	U	100
1,1,2,2-Tetrachloroethane	79-34-5	U	490	120	ug/kg	U	100
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	490	110	ug/kg	U	100
1,1,2-Trichloroethane	79-00-5	U	490	66	ug/kg	U	100
1,1-Dichloroethane	75-34-3	U	490	79	ug/kg	U	100
1,1-Dichloroethene	75-35-4	U	490	110	ug/kg	U	100
1,2,4-Trichlorobenzene	120-82-1	U	490	86	ug/kg	U	100
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	490	160	ug/kg	U	100
1,2-Dibromoethane (EDB)	106-93-4	U	490	85	ug/kg	U	100
1,2-Dichlorobenzene	95-50-1	U	490	130	ug/kg	U	100
1,2-Dichloroethane	107-06-2	U	490	59	ug/kg	U	100
1,2-Dichloropropane	78-87-5	U	490	92	ug/kg	U	100
1,3-Dichlorobenzene	541-73-1	U	490	98	ug/kg	U	100
1,4-Dichlorobenzene	106-46-7	U	490	68	ug/kg	U	100
2-Butanone (MEK)	78-93-3	U	4900	900	ug/kg	U	100
2-Hexanone	591-78-6	U	4900	110	ug/kg	U	100
4-Methyl-2-pentanone (MIBK)	108-10-1	390	4900	320	ug/kg	J	100
Acetone	67-64-1	160000	49000	6800	ug/kg	D	1000
Benzene	71-43-2	14000	490	51	ug/kg		100
Bromodichloromethane	75-27-4	U	490	49	ug/kg	U	100
Bromoform	75-25-2	U	490	95	ug/kg	U	100
Bromomethane	74-83-9	U	490	240	ug/kg	U	100
Carbon disulfide	75-15-0	380	490	140	ug/kg	J	100
Carbon tetrachloride	56-23-5	U	490	73	ug/kg	U	100
Chlorobenzene	108-90-7	520	990	57	ug/kg	J	100
Chloroethane	75-00-3	U	490	240	ug/kg	U	100
Chloroform	67-66-3	210	490	73	ug/kg	J	100
Chloromethane	74-87-3	530	490	230	ug/kg		100
cis-1,2-Dichloroethene	156-59-2	U	490	65	ug/kg	U	100
cis-1,3-Dichloropropene	10061-01-5	U	490	53	ug/kg	U	100
Cyclohexane	110-82-7	U	490	93	ug/kg	U	100
Dibromochloromethane	124-48-1	U	490	98	ug/kg	U	100
Dichlorodifluoromethane	75-71-8	U	490	120	ug/kg	U	100
Ethylbenzene	100-41-4	1400	490	56	ug/kg		100
Isopropylbenzene	98-82-8	250	490	75	ug/kg	J	100
m,p-Xylenes	179601-23-1	5000	990	120	ug/kg		100
Methyl acetate	79-20-9	U	490	93	ug/kg	U	100
Methyl tert-butyl ether	1634-04-4	U	490	68	ug/kg	U	100
Methylcyclohexane	108-87-2	U	490	110	ug/kg	U	100

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-4**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-006**	Date Collected: **Nov-14-08 11:20**	Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 15:26 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	490	210	ug/kg	U	100
o-Xylene	95-47-6	2500	490	71	ug/kg		100
Styrene	100-42-5	U	490	73	ug/kg	U	100
Tetrachloroethene	127-18-4	250	490	100	ug/kg	J	100
Toluene	108-88-3	3600	490	58	ug/kg		100
trans-1,2-Dichloroethene	156-60-5	U	490	77	ug/kg	U	100
trans-1,3-Dichloropropene	10061-02-6	U	490	66	ug/kg	U	100
Trichloroethene	79-01-6	U	490	70	ug/kg	U	100
Trichlorofluoromethane	75-69-4	U	490	350	ug/kg	U	100
Vinyl chloride	75-01-4	U	490	200	ug/kg	U	100
Xylenes, Total	1330-20-7	7500	490		ug/kg		100

Project: Xenco-Atlanta Master Project

Version: 1.046

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Sample Id: **SH-3**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-007**	Date Collected: **Nov-14-08 13:00**	Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-20-08 19:05 Analyst: 4150 Date Prep: Nov-19-08 14:22 Tech: ABA
Seq Number: 740998

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-21-08 00:29 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	33	3.7	ug/kg	U	1
PCB-1221	11104-28-2	U	33	3.5	ug/kg	U	1
PCB-1232	11141-16-5	U	33	3.4	ug/kg	U	1
PCB-1242	53469-21-9	U	33	3.7	ug/kg	U	1
PCB-1248	12672-29-6	U	33	3.5	ug/kg	U	1
PCB-1254	11097-69-1	U	33	3.8	ug/kg	U	1
PCB-1260	11096-82-5	U	33	4.2	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-20-08 14:19 Analyst: 4150 Date Prep: Nov-19-08 14:18 Tech: ABA
Seq Number: 740946

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.90	0.605	mg/kg	U	1
Barium	7440-39-3	10.4	4.90	0.150	mg/kg		1
Cadmium	7440-43-9	0.235	0.490	0.021	mg/kg	J	1
Chromium	7440-47-3	1.89	4.90	0.094	mg/kg	J	1
Lead	7439-92-1	1.34	4.90	0.294	mg/kg	J	1
Selenium	7782-49-2	U	4.90	0.937	mg/kg	U	1
Silver	7440-22-4	0.676	4.90	0.046	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-3**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-007**	Date Collected: **Nov-14-08 13:00**	Date Received: **Nov-15-08 09:30**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.50		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-3** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-007** Date Collected: **Nov-14-08 13:00** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 06:31 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	33000	5800	ug/kg	U	100
1,2-Dichlorobenzene	95-50-1	U	33000	5300	ug/kg	U	100
1,3-Dichlorobenzene	541-73-1	U	33000	5200	ug/kg	U	100
1,4-Dichlorobenzene	106-46-7	U	33000	5100	ug/kg	U	100
2,4,5-Trichlorophenol	95-95-4	U	33000	6000	ug/kg	U	100
2,4,6-Trichlorophenol	88-06-2	U	33000	6300	ug/kg	U	100
2,4-Dichlorophenol	120-83-2	U	33000	4200	ug/kg	U	100
2,4-Dimethylphenol	105-67-9	U	33000	6000	ug/kg	U	100
2,4-Dinitrophenol	51-28-5	U	66000	5300	ug/kg	U	100
2,4-Dinitrotoluene	121-14-2	U	33000	5300	ug/kg	U	100
2,6-Dinitrotoluene	606-20-2	U	33000	4300	ug/kg	U	100
2-Chloronaphthalene	91-58-7	U	33000	6000	ug/kg	U	100
2-Chlorophenol	95-57-8	U	33000	5900	ug/kg	U	100
2-Methylnaphthalene	91-57-6	U	33000	5000	ug/kg	U	100
2-methylphenol	95-48-7	U	33000	4600	ug/kg	U	100
2-Nitroaniline	88-74-4	U	66000	4400	ug/kg	U	100
2-Nitrophenol	88-75-5	U	33000	4100	ug/kg	U	100
3&4-Methylphenol		U	66000	9700	ug/kg	U	100
3,3-Dichlorobenzidine	91-94-1	U	66000	4800	ug/kg	U	100
3-Nitroaniline	99-09-2	U	66000	4500	ug/kg	U	100
4,6-dinitro-2-methyl phenol	534-52-1	U	66000	5700	ug/kg	U	100
4-Bromophenyl-phenylether	101-55-3	U	33000	5600	ug/kg	U	100
4-chloro-3-methylphenol	59-50-7	U	33000	4700	ug/kg	U	100
4-Chloroaniline	106-47-8	U	33000	5400	ug/kg	U	100
4-Chlorophenyl Phenyl Ether	7005-72-3	U	33000	6200	ug/kg	U	100
4-Nitroaniline	100-01-6	U	66000	5000	ug/kg	U	100
4-Nitrophenol	100-02-7	U	66000	4000	ug/kg	U	100
Acenaphthene	83-32-9	U	33000	4600	ug/kg	U	100
Acenaphthylene	208-96-8	U	33000	5600	ug/kg	U	100
Anthracene	120-12-7	U	33000	4800	ug/kg	U	100
Benzo(a)anthracene	56-55-3	U	33000	5300	ug/kg	U	100
Benzo(a)pyrene	50-32-8	U	33000	4800	ug/kg	U	100
Benzo(b)fluoranthene	205-99-2	U	33000	5300	ug/kg	U	100
Benzo(g,h,i)perylene	191-24-2	U	33000	5400	ug/kg	U	100
Benzo(k)fluoranthene	207-08-9	U	33000	5600	ug/kg	U	100
bis(2-chloroethoxy) methane	111-91-1	U	33000	3900	ug/kg	U	100
bis(2-chloroethyl) ether	111-44-4	U	33000	4700	ug/kg	U	100
bis(2-ethylhexyl) phthalate	117-81-7	U	33000	5300	ug/kg	U	100
Benzyl Butyl Phthalate	85-68-7	U	33000	4900	ug/kg	U	100

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-3**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-007**	Date Collected: **Nov-14-08 13:00**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 06:31 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155

Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	33000	5600	ug/kg	U	100
Chrysene	218-01-9	U	33000	4400	ug/kg	U	100
Dibenz(a,h)anthracene	53-70-3	U	33000	6400	ug/kg	U	100
Dibenzofuran	132-64-9	U	33000	4200	ug/kg	U	100
Diethyl Phthalate	84-66-2	U	33000	5300	ug/kg	U	100
Dimethyl Phthalate	131-11-3	U	33000	4900	ug/kg	U	100
di-n-Butyl Phthalate	84-74-2	U	33000	6000	ug/kg	U	100
di-n-Octyl Phthalate	117-84-0	U	33000	5400	ug/kg	U	100
Fluoranthene	206-44-0	U	33000	4300	ug/kg	U	100
Fluorene	86-73-7	U	33000	4000	ug/kg	U	100
Hexachlorobenzene	118-74-1	U	33000	5500	ug/kg	U	100
Hexachlorobutadiene	87-68-3	U	33000	3600	ug/kg	U	100
Hexachlorocyclopentadiene	77-47-4	U	33000	5600	ug/kg	U	100
Hexachloroethane	67-72-1	U	33000	5100	ug/kg	U	100
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	33000	6000	ug/kg	U	100
Isophorone	78-59-1	U	33000	3400	ug/kg	U	100
Naphthalene	91-20-3	U	33000	5200	ug/kg	U	100
Nitrobenzene	98-95-3	U	33000	5800	ug/kg	U	100
N-Nitrosodi-n-Propylamine	621-64-7	U	33000	4700	ug/kg	U	100
N-Nitrosodiphenylamine	86-30-6	U	33000	6900	ug/kg	U	100
Pentachlorophenol	87-86-5	U	66000	5900	ug/kg	U	100
Phenanthrene	85-01-8	U	33000	5400	ug/kg	U	100
Phenol	108-95-2	U	33000	4600	ug/kg	U	100
Pyrene	129-00-0	U	33000	5600	ug/kg	U	100

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 23:51 Analyst: ANI Date Prep: Dec-15-08 18:14 Tech: ANI

Seq Number: 743625

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	7.7	9.6	1.4	mg/kg	J	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-20-08 07:51 Analyst: WIB Date Prep: Nov-18-08 10:00 Tech: 4155

Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	13000	1000	110	mg/kg	D	100

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-3**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-007**	Date Collected: **Nov-14-08 13:00**	Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 17:21 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	480	72	ug/kg	U	100
1,1,2,2-Tetrachloroethane	79-34-5	U	480	110	ug/kg	U	100
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	480	110	ug/kg	U	100
1,1,2-Trichloroethane	79-00-5	U	480	64	ug/kg	U	100
1,1-Dichloroethane	75-34-3	U	480	77	ug/kg	U	100
1,1-Dichloroethene	75-35-4	U	480	110	ug/kg	U	100
1,2,4-Trichlorobenzene	120-82-1	U	480	84	ug/kg	U	100
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	480	160	ug/kg	U	100
1,2-Dibromoethane (EDB)	106-93-4	U	480	83	ug/kg	U	100
1,2-Dichlorobenzene	95-50-1	U	480	120	ug/kg	U	100
1,2-Dichloroethane	107-06-2	U	480	57	ug/kg	U	100
1,2-Dichloropropane	78-87-5	U	480	89	ug/kg	U	100
1,3-Dichlorobenzene	541-73-1	U	480	96	ug/kg	U	100
1,4-Dichlorobenzene	106-46-7	U	480	66	ug/kg	U	100
2-Butanone (MEK)	78-93-3	U	4800	880	ug/kg	U	100
2-Hexanone	591-78-6	U	4800	110	ug/kg	U	100
4-Methyl-2-pentanone (MIBK)	108-10-1	U	4800	310	ug/kg	U	100
Acetone	67-64-1	U	4800	660	ug/kg	U	100
Benzene	71-43-2	230	480	49	ug/kg	J	100
Bromodichloromethane	75-27-4	U	480	48	ug/kg	U	100
Bromoform	75-25-2	U	480	92	ug/kg	U	100
Bromomethane	74-83-9	U	480	240	ug/kg	U	100
Carbon disulfide	75-15-0	U	480	140	ug/kg	U	100
Carbon tetrachloride	56-23-5	U	480	71	ug/kg	U	100
Chlorobenzene	108-90-7	U	960	56	ug/kg	U	100
Chloroethane	75-00-3	U	480	240	ug/kg	U	100
Chloroform	67-66-3	U	480	71	ug/kg	U	100
Chloromethane	74-87-3	230	480	220	ug/kg	J	100
cis-1,2-Dichloroethene	156-59-2	U	480	64	ug/kg	U	100
cis-1,3-Dichloropropene	10061-01-5	U	480	52	ug/kg	U	100
Cyclohexane	110-82-7	U	480	91	ug/kg	U	100
Dibromochloromethane	124-48-1	U	480	96	ug/kg	U	100
Dichlorodifluoromethane	75-71-8	U	480	110	ug/kg	U	100
Ethylbenzene	100-41-4	U	480	54	ug/kg	U	100
Isopropylbenzene	98-82-8	U	480	73	ug/kg	U	100
m,p-Xylenes	179601-23-1	170	960	120	ug/kg	J	100
Methyl acetate	79-20-9	U	480	91	ug/kg	U	100
Methyl tert-butyl ether	1634-04-4	U	480	67	ug/kg	U	100
Methylcyclohexane	108-87-2	U	480	100	ug/kg	U	100

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-3**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-007**	Date Collected: **Nov-14-08 13:00**	Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 17:21 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	480	210	ug/kg	U	100
o-Xylene	95-47-6	97	480	69	ug/kg	J	100
Styrene	100-42-5	U	480	71	ug/kg	U	100
Tetrachloroethene	127-18-4	U	480	100	ug/kg	U	100
Toluene	108-88-3	66	480	57	ug/kg	J	100
trans-1,2-Dichloroethene	156-60-5	U	480	75	ug/kg	U	100
trans-1,3-Dichloropropene	10061-02-6	U	480	64	ug/kg	U	100
Trichloroethene	79-01-6	U	480	68	ug/kg	U	100
Trichlorofluoromethane	75-69-4	U	480	340	ug/kg	U	100
Vinyl chloride	75-01-4	U	480	190	ug/kg	U	100
Xylenes, Total	1330-20-7	267	480		ug/kg	J	100

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-2**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-008**	Date Collected: **Nov-14-08 13:40**	Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 13:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744717

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-20-08 19:08 Analyst: 4150 Date Prep: Nov-19-08 14:22 Tech: ABA
Seq Number: 740998

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0490	0.0029	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-21-08 00:53 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	33	3.7	ug/kg	U	1
PCB-1221	11104-28-2	U	33	3.4	ug/kg	U	1
PCB-1232	11141-16-5	U	33	3.3	ug/kg	U	1
PCB-1242	53469-21-9	U	33	3.7	ug/kg	U	1
PCB-1248	12672-29-6	U	33	3.5	ug/kg	U	1
PCB-1254	11097-69-1	U	33	3.8	ug/kg	U	1
PCB-1260	11096-82-5	U	33	4.2	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-20-08 14:21 Analyst: 4150 Date Prep: Nov-19-08 14:18 Tech: ABA
Seq Number: 740946

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.634	4.95	0.611	mg/kg	J	1
Barium	7440-39-3	14.2	4.95	0.151	mg/kg		1
Cadmium	7440-43-9	0.119	0.495	0.021	mg/kg	J	1
Chromium	7440-47-3	2.88	4.95	0.095	mg/kg	J	1
Lead	7439-92-1	2.25	4.95	0.297	mg/kg	J	1
Selenium	7782-49-2	U	4.95	0.947	mg/kg	U	1
Silver	7440-22-4	0.931	4.95	0.047	mg/kg	J	1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-2**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-008**	Date Collected: **Nov-14-08 13:40**	Date Received: **Nov-15-08 09:30**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-17-08 13:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 740454

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	4.50		0.001	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-2** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-008** Date Collected: **Nov-14-08 13:40** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 06:58 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	3300	590	ug/kg	U	10
1,2-Dichlorobenzene	95-50-1	U	3300	540	ug/kg	U	10
1,3-Dichlorobenzene	541-73-1	U	3300	530	ug/kg	U	10
1,4-Dichlorobenzene	106-46-7	U	3300	520	ug/kg	U	10
2,4,5-Trichlorophenol	95-95-4	U	3300	610	ug/kg	U	10
2,4,6-Trichlorophenol	88-06-2	U	3300	640	ug/kg	U	10
2,4-Dichlorophenol	120-83-2	U	3300	420	ug/kg	U	10
2,4-Dimethylphenol	105-67-9	U	3300	610	ug/kg	U	10
2,4-Dinitrophenol	51-28-5	U	6700	540	ug/kg	U	10
2,4-Dinitrotoluene	121-14-2	U	3300	540	ug/kg	U	10
2,6-Dinitrotoluene	606-20-2	U	3300	430	ug/kg	U	10
2-Chloronaphthalene	91-58-7	U	3300	610	ug/kg	U	10
2-Chlorophenol	95-57-8	U	3300	600	ug/kg	U	10
2-Methylnaphthalene	91-57-6	2200	3300	510	ug/kg	J	10
2-methylphenol	95-48-7	U	3300	470	ug/kg	U	10
2-Nitroaniline	88-74-4	U	6700	450	ug/kg	U	10
2-Nitrophenol	88-75-5	U	3300	420	ug/kg	U	10
3&4-Methylphenol		U	6700	990	ug/kg	U	10
3,3-Dichlorobenzidine	91-94-1	U	6700	490	ug/kg	U	10
3-Nitroaniline	99-09-2	U	6700	460	ug/kg	U	10
4,6-dinitro-2-methyl phenol	534-52-1	U	6700	580	ug/kg	U	10
4-Bromophenyl-phenylether	101-55-3	U	3300	570	ug/kg	U	10
4-chloro-3-methylphenol	59-50-7	U	3300	480	ug/kg	U	10
4-Chloroaniline	106-47-8	U	3300	550	ug/kg	U	10
4-Chlorophenyl Phenyl Ether	7005-72-3	U	3300	630	ug/kg	U	10
4-Nitroaniline	100-01-6	U	6700	510	ug/kg	U	10
4-Nitrophenol	100-02-7	U	6700	410	ug/kg	U	10
Acenaphthene	83-32-9	U	3300	470	ug/kg	U	10
Acenaphthylene	208-96-8	U	3300	570	ug/kg	U	10
Anthracene	120-12-7	U	3300	490	ug/kg	U	10
Benzo(a)anthracene	56-55-3	U	3300	540	ug/kg	U	10
Benzo(a)pyrene	50-32-8	U	3300	490	ug/kg	U	10
Benzo(b)fluoranthene	205-99-2	U	3300	540	ug/kg	U	10
Benzo(g,h,i)perylene	191-24-2	U	3300	550	ug/kg	U	10
Benzo(k)fluoranthene	207-08-9	U	3300	570	ug/kg	U	10
bis(2-chloroethoxy) methane	111-91-1	U	3300	400	ug/kg	U	10
bis(2-chloroethyl) ether	111-44-4	U	3300	470	ug/kg	U	10
bis(2-ethylhexyl) phthalate	117-81-7	U	3300	540	ug/kg	U	10
Benzyl Butyl Phthalate	85-68-7	U	3300	500	ug/kg	U	10

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-2**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-008**	Date Collected: **Nov-14-08 13:40**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-19-08 06:58 Analyst: Date Prep: Nov-17-08 18:00 Tech: 4155

Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	3300	570	ug/kg	U	10
Chrysene	218-01-9	U	3300	440	ug/kg	U	10
Dibenz(a,h)anthracene	53-70-3	U	3300	650	ug/kg	U	10
Dibenzofuran	132-64-9	U	3300	430	ug/kg	U	10
Diethyl Phthalate	84-66-2	U	3300	540	ug/kg	U	10
Dimethyl Phthalate	131-11-3	U	3300	500	ug/kg	U	10
di-n-Butyl Phthalate	84-74-2	U	3300	610	ug/kg	U	10
di-n-Octyl Phthalate	117-84-0	U	3300	550	ug/kg	U	10
Fluoranthene	206-44-0	U	3300	430	ug/kg	U	10
Fluorene	86-73-7	U	3300	410	ug/kg	U	10
Hexachlorobenzene	118-74-1	U	3300	560	ug/kg	U	10
Hexachlorobutadiene	87-68-3	U	3300	370	ug/kg	U	10
Hexachlorocyclopentadiene	77-47-4	U	3300	570	ug/kg	U	10
Hexachloroethane	67-72-1	U	3300	520	ug/kg	U	10
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	3300	610	ug/kg	U	10
Isophorone	78-59-1	U	3300	340	ug/kg	U	10
Naphthalene	91-20-3	760	3300	530	ug/kg	J	10
Nitrobenzene	98-95-3	U	3300	590	ug/kg	U	10
N-Nitrosodi-n-Propylamine	621-64-7	U	3300	480	ug/kg	U	10
N-Nitrosodiphenylamine	86-30-6	U	3300	700	ug/kg	U	10
Pentachlorophenol	87-86-5	U	6700	600	ug/kg	U	10
Phenanthrene	85-01-8	U	3300	550	ug/kg	U	10
Phenol	108-95-2	3400	3300	470	ug/kg		10
Pyrene	129-00-0	U	3300	570	ug/kg	U	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 16:11 Analyst: ANI Date Prep: Dec-15-08 09:03 Tech: ANI

Seq Number: 743620

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	12	9.5	1.4	mg/kg		50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-20-08 08:16 Analyst: WIB Date Prep: Nov-18-08 10:00 Tech: 4155

Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	9100	1000	110	mg/kg	D	100

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-2** Matrix: **SOLID** % Moisture:
Lab Sample Id: **317804-008** Date Collected: **Nov-14-08 13:40** Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 03:50 Analyst: 4124 Date Prep: Dec-19-08 17:25 Tech: 4124
Seq Number: 744368

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	240	36	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	240	57	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	240	53	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	240	32	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	240	38	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	240	55	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	240	42	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	240	77	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	240	41	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	240	61	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	240	28	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	240	44	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	240	48	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	240	33	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2400	430	ug/kg	U	50
2-Hexanone	591-78-6	U	2400	54	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2400	150	ug/kg	U	50
Acetone	67-64-1	65000	24000	3300	ug/kg	D	500
Benzene	71-43-2	570	240	24	ug/kg		50
Bromodichloromethane	75-27-4	U	240	24	ug/kg	U	50
Bromoform	75-25-2	U	240	46	ug/kg	U	50
Bromomethane	74-83-9	U	240	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	240	69	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	240	35	ug/kg	U	50
Chlorobenzene	108-90-7	37	480	28	ug/kg	J	50
Chloroethane	75-00-3	U	240	120	ug/kg	U	50
Chloroform	67-66-3	U	240	35	ug/kg	U	50
Chloromethane	74-87-3	4700	240	110	ug/kg		50
cis-1,2-Dichloroethene	156-59-2	U	240	32	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	240	26	ug/kg	U	50
Cyclohexane	110-82-7	U	240	45	ug/kg	U	50
Dibromochloromethane	124-48-1	U	240	47	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	240	56	ug/kg	U	50
Ethylbenzene	100-41-4	230	240	27	ug/kg	J	50
Isopropylbenzene	98-82-8	110	240	36	ug/kg	J	50
m,p-Xylenes	179601-23-1	740	480	58	ug/kg		50
Methyl acetate	79-20-9	U	240	45	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	240	33	ug/kg	U	50
Methylcyclohexane	108-87-2	U	240	52	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-2**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **317804-008**	Date Collected: **Nov-14-08 13:40**	Date Received: **Nov-15-08 09:30**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 03:50 Analyst: 4124 Date Prep: Dec-19-08 17:25 Tech: 4124

Seq Number: 744368

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	190	240	100	ug/kg	J	50
o-Xylene	95-47-6	400	240	34	ug/kg		50
Styrene	100-42-5	U	240	35	ug/kg	U	50
Tetrachloroethene	127-18-4	U	240	49	ug/kg	U	50
Toluene	108-88-3	180	240	28	ug/kg	J	50
trans-1,2-Dichloroethene	156-60-5	U	240	37	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	240	32	ug/kg	U	50
Trichloroethene	79-01-6	U	240	34	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	240	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	240	96	ug/kg	U	50
Xylenes, Total	1330-20-7	1100	240		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Storm water-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-009**	Date Collected: **Nov-13-08 15:45**	Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 13:56 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 08:45 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 15:20 Analyst: 4150 Date Prep: Nov-18-08 16:37 Tech: ABA
Seq Number: 740746

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	0.019	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.001	0.050	0.001	mg/L	J	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Storm water-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-009** Date Collected: **Nov-13-08 15:45** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 18:42 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

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Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Storm water-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-009**	Date Collected: **Nov-13-08 15:45**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 18:42 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Storm water-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-009** Date Collected: **Nov-13-08 15:45** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 13:02 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **Storm water-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-009** Date Collected: **Nov-13-08 15:45** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 13:02 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 13:39 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743424

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 18:18 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	3.6	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740455

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	6.00	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-010**	Date Collected: **Nov-13-08 15:46**	Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 13:59 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 09:08 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 15:35 Analyst: 4150 Date Prep: Nov-18-08 16:37 Tech: ABA
Seq Number: 740746

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.044	0.010	0.007	mg/L		1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.013	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.012	0.010	0.002	mg/L		1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	0.001	0.050	0.001	mg/L	J	1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-010** Date Collected: **Nov-13-08 15:46** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 19:09 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	15.8	10.0	1.43	ug/L		1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	13.7	10.0	2.00	ug/L		1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		39.7	20.0	2.55	ug/L		1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-010** Date Collected: **Nov-13-08 15:46** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 19:09 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	150	10.0	1.76	ug/L		1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-010** Date Collected: **Nov-13-08 15:46** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 13:33 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	3.5	2.00	0.26	ug/L		1
Acetone	67-64-1	130	2.00	0.35	ug/L		1
Benzene	71-43-2	3.2	1.00	0.16	ug/L		1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RW-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-010** Date Collected: **Nov-13-08 15:46** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 13:33 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	4.5	1.00	0.42	ug/L		1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-14-08 22:39 Analyst: ANI Date Prep: Dec-14-08 16:31 Tech: ANI
Seq Number: 743462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	0.11	0.10	0.020	mg/L		1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 18:43 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	15	1.5	0.13	mg/L	D	5

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740455

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	9.00	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **R BLK 40308** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-011** Date Collected: **Nov-14-08 08:15** Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-28-08 23:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744832

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 14:03 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 09:32 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 15:37 Analyst: 4150 Date Prep: Nov-18-08 16:37 Tech: ABA
Seq Number: 740746

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **R BLK 40308** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-011** Date Collected: **Nov-14-08 08:15** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 19:37 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **R BLK 40308**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-011**	Date Collected: **Nov-14-08 08:15**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 19:37 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **R BLK 40308** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-011** Date Collected: **Nov-14-08 08:15** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 12:34 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **R BLK 40308** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-011** Date Collected: **Nov-14-08 08:15** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 12:34 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	6.4	1.00	0.42	ug/L		1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 10:03 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743424

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 19:08 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	3.3	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Dec-01-08 12:10 Analyst: 4154 Date Prep: Tech: 4154
Seq Number: 741935

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	4.80	N/A	N/A	SU		1

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Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-012**	Date Collected: **Nov-14-08 07:26**	Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 14:06 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 09:56 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 15:38 Analyst: 4150 Date Prep: Nov-18-08 16:37 Tech: ABA
Seq Number: 740746

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.058	0.010	0.007	mg/L		1
Barium	7440-39-3	0.009	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.027	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.008	0.010	0.002	mg/L	J	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-012** Date Collected: **Nov-14-08 07:26** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 20:04 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-012**	Date Collected: **Nov-14-08 07:26**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 20:04 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-012** Date Collected: **Nov-14-08 07:26** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 14:04 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	20.0	3.2	ug/L	U	20
1,1,2,2-Tetrachloroethane	79-34-5	U	20.0	3.6	ug/L	U	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	20.0	2.2	ug/L	U	20
1,1,2-Trichloroethane	79-00-5	U	20.0	5.0	ug/L	U	20
1,1-Dichloroethane	75-34-3	U	20.0	2.2	ug/L	U	20
1,1-Dichloroethene	75-35-4	U	20.0	4.0	ug/L	U	20
1,2,4-Trichlorobenzene	120-82-1	U	20.0	3.4	ug/L	U	20
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	20.0	3.8	ug/L	U	20
1,2-Dibromoethane (EDB)	106-93-4	U	20.0	3.6	ug/L	U	20
1,2-Dichlorobenzene	95-50-1	U	20.0	2.8	ug/L	U	20
1,2-Dichloroethane	107-06-2	U	20.0	3.6	ug/L	U	20
1,2-Dichloropropane	78-87-5	U	20.0	3.0	ug/L	U	20
1,3-Dichlorobenzene	541-73-1	U	20.0	3.4	ug/L	U	20
1,4-Dichlorobenzene	106-46-7	U	20.0	3.4	ug/L	U	20
2-Butanone (MEK)	78-93-3	U	40.0	5.6	ug/L	U	20
2-Hexanone	591-78-6	U	40.0	6.4	ug/L	U	20
4-Methyl-2-pentanone (MIBK)	108-10-1	U	40.0	5.2	ug/L	U	20
Acetone	67-64-1	U	40.0	7.0	ug/L	U	20
Benzene	71-43-2	U	20.0	3.2	ug/L	U	20
Bromodichloromethane	75-27-4	U	20.0	5.0	ug/L	U	20
Bromoform	75-25-2	U	20.0	3.4	ug/L	U	20
Bromomethane	74-83-9	U	20.0	5.0	ug/L	U	20
Carbon disulfide	75-15-0	U	20.0	5.2	ug/L	U	20
Carbon tetrachloride	56-23-5	U	20.0	6.6	ug/L	U	20
Chlorobenzene	108-90-7	U	20.0	3.0	ug/L	U	20
Chloroethane	75-00-3	U	20.0	5.2	ug/L	U	20
Chloroform	67-66-3	U	20.0	3.2	ug/L	U	20
Chloromethane	74-87-3	U	20.0	5.0	ug/L	U	20
cis-1,2-Dichloroethene	156-59-2	U	20.0	4.2	ug/L	U	20
cis-1,3-Dichloropropene	10061-01-5	U	20.0	2.0	ug/L	U	20
Cyclohexane	110-82-7	U	20.0	3.0	ug/L	U	20
Dibromochloromethane	124-48-1	U	20.0	3.0	ug/L	U	20
Dichlorodifluoromethane	75-71-8	U	20.0	4.4	ug/L	U	20
Ethylbenzene	100-41-4	U	20.0	3.8	ug/L	U	20
Isopropylbenzene	98-82-8	U	20.0	3.0	ug/L	U	20
m,p-Xylenes	179601-23-1	U	40.0	10	ug/L	U	20
Methyl acetate	79-20-9	U	40.0	5.2	ug/L	U	20
Methyl tert-butyl ether	1634-04-4	U	40.0	3.6	ug/L	U	20
Methylcyclohexane	108-87-2	U	20.0	2.2	ug/L	U	20

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-012** Date Collected: **Nov-14-08 07:26** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 14:04 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	58	20.0	8.4	ug/L		20
o-Xylene	95-47-6	U	20.0	4.0	ug/L	U	20
Styrene	100-42-5	U	20.0	3.6	ug/L	U	20
Tetrachloroethene	127-18-4	U	20.0	3.2	ug/L	U	20
Toluene	108-88-3	U	20.0	2.8	ug/L	U	20
trans-1,2-Dichloroethene	156-60-5	U	20.0	4.2	ug/L	U	20
trans-1,3-Dichloropropene	10061-02-6	U	20.0	2.2	ug/L	U	20
Trichloroethene	79-01-6	U	20.0	3.8	ug/L	U	20
Trichlorofluoromethane	75-69-4	U	20.0	11	ug/L	U	20
Vinyl chloride	75-01-4	U	20.0	3.8	ug/L	U	20
Xylenes, Total	1330-20-7	U	60.0		ug/L	U	20

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-14-08 21:07 Analyst: ANI Date Prep: Dec-14-08 16:31 Tech: ANI
Seq Number: 743462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 19:33 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	3.8	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740455

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	9.20	N/A	N/A	SU		1

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Sample Id: **DP-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-013**	Date Collected: **Nov-14-08 08:35**	Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 14:09 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 10:19 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 15:40 Analyst: 4150 Date Prep: Nov-18-08 16:37 Tech: ABA
Seq Number: 740746

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.065	0.010	0.007	mg/L		1
Barium	7440-39-3	0.048	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	0.003	0.005	0.001	mg/L	J	1
Chromium	7440-47-3	0.031	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.019	0.010	0.002	mg/L		1
Selenium	7782-49-2	0.023	0.010	0.008	mg/L		1
Silver	7440-22-4	0.002	0.050	0.001	mg/L	J	1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-013** Date Collected: **Nov-14-08 08:35** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 20:32 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	100	14.3	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	100	18.3	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	100	21.1	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	100	16.1	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	100	26.2	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	100	16.4	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	100	17.8	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	100	16.3	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	200	71.1	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	100	21.4	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	100	27.2	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	100	12.9	ug/L	U	1
2-Chlorophenol	95-57-8	U	100	18.3	ug/L	U	1
2-Methylnaphthalene	91-57-6	144	100	11.9	ug/L		1
2-methylphenol	95-48-7	291	100	20.0	ug/L		1
2-Nitroaniline	88-74-4	U	200	23.5	ug/L	U	1
2-Nitrophenol	88-75-5	U	100	19.5	ug/L	U	1
3&4-Methylphenol		556	200	25.5	ug/L		1
3,3-Dichlorobenzidine	91-94-1	U	200	38.8	ug/L	U	1
3-Nitroaniline	99-09-2	U	200	27.5	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	200	14.0	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	100	21.2	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	100	21.8	ug/L	U	1
4-Chloroaniline	106-47-8	U	100	30.9	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	100	13.5	ug/L	U	1
4-Nitroaniline	100-01-6	U	200	32.0	ug/L	U	1
4-Nitrophenol	100-02-7	U	200	24.1	ug/L	U	1
Acenaphthene	83-32-9	U	100	14.3	ug/L	U	1
Acenaphthylene	208-96-8	U	100	14.8	ug/L	U	1
Anthracene	120-12-7	U	100	20.1	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	100	19.0	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	100	18.0	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	100	19.7	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	100	19.7	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	100	27.1	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	100	12.5	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	100	17.8	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	100	12.0	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	100	18.2	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-013**	Date Collected: **Nov-14-08 08:35**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 20:32 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	100	18.2	ug/L	U	1
Chrysene	218-01-9	U	100	20.9	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	100	18.3	ug/L	U	1
Dibenzofuran	132-64-9	U	100	16.4	ug/L	U	1
Diethyl Phthalate	84-66-2	U	100	19.0	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	100	19.7	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	322	100	20.8	ug/L		1
di-n-Octyl Phthalate	117-84-0	U	100	13.8	ug/L	U	1
Fluoranthene	206-44-0	U	100	18.1	ug/L	U	1
Fluorene	86-73-7	U	100	15.6	ug/L	U	1
Hexachlorobenzene	118-74-1	U	100	22.1	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	100	17.8	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	100	18.7	ug/L	U	1
Hexachloroethane	67-72-1	U	100	23.8	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	100	18.7	ug/L	U	1
Isophorone	78-59-1	U	100	14.1	ug/L	U	1
Naphthalene	91-20-3	U	100	15.2	ug/L	U	1
Nitrobenzene	98-95-3	U	100	14.9	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	100	13.6	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	100	25.0	ug/L	U	1
Pentachlorophenol	87-86-5	U	200	22.6	ug/L	U	1
Phenanthrene	85-01-8	U	100	20.4	ug/L	U	1
Phenol	108-95-2	60900	5000	880	ug/L	D	50
Pyrene	129-00-0	U	100	24.0	ug/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-013** Date Collected: **Nov-14-08 08:35** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 14:36 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	20.0	3.2	ug/L	U	20
1,1,2,2-Tetrachloroethane	79-34-5	U	20.0	3.6	ug/L	U	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	20.0	2.2	ug/L	U	20
1,1,2-Trichloroethane	79-00-5	U	20.0	5.0	ug/L	U	20
1,1-Dichloroethane	75-34-3	U	20.0	2.2	ug/L	U	20
1,1-Dichloroethene	75-35-4	U	20.0	4.0	ug/L	U	20
1,2,4-Trichlorobenzene	120-82-1	U	20.0	3.4	ug/L	U	20
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	20.0	3.8	ug/L	U	20
1,2-Dibromoethane (EDB)	106-93-4	U	20.0	3.6	ug/L	U	20
1,2-Dichlorobenzene	95-50-1	19	20.0	2.8	ug/L	J	20
1,2-Dichloroethane	107-06-2	U	20.0	3.6	ug/L	U	20
1,2-Dichloropropane	78-87-5	U	20.0	3.0	ug/L	U	20
1,3-Dichlorobenzene	541-73-1	U	20.0	3.4	ug/L	U	20
1,4-Dichlorobenzene	106-46-7	U	20.0	3.4	ug/L	U	20
2-Butanone (MEK)	78-93-3	5300	40.0	5.6	ug/L		20
2-Hexanone	591-78-6	U	40.0	6.4	ug/L	U	20
4-Methyl-2-pentanone (MIBK)	108-10-1	230	40.0	5.2	ug/L		20
Acetone	67-64-1	670000	4000	700	ug/L	D	2000
Benzene	71-43-2	230	20.0	3.2	ug/L		20
Bromodichloromethane	75-27-4	U	20.0	5.0	ug/L	U	20
Bromoform	75-25-2	U	20.0	3.4	ug/L	U	20
Bromomethane	74-83-9	U	20.0	5.0	ug/L	U	20
Carbon disulfide	75-15-0	U	20.0	5.2	ug/L	U	20
Carbon tetrachloride	56-23-5	U	20.0	6.6	ug/L	U	20
Chlorobenzene	108-90-7	U	20.0	3.0	ug/L	U	20
Chloroethane	75-00-3	U	20.0	5.2	ug/L	U	20
Chloroform	67-66-3	U	20.0	3.2	ug/L	U	20
Chloromethane	74-87-3	U	20.0	5.0	ug/L	U	20
cis-1,2-Dichloroethene	156-59-2	U	20.0	4.2	ug/L	U	20
cis-1,3-Dichloropropene	10061-01-5	U	20.0	2.0	ug/L	U	20
Cyclohexane	110-82-7	U	20.0	3.0	ug/L	U	20
Dibromochloromethane	124-48-1	U	20.0	3.0	ug/L	U	20
Dichlorodifluoromethane	75-71-8	U	20.0	4.4	ug/L	U	20
Ethylbenzene	100-41-4	U	20.0	3.8	ug/L	U	20
Isopropylbenzene	98-82-8	11	20.0	3.0	ug/L	J	20
m,p-Xylenes	179601-23-1	U	40.0	10	ug/L	U	20
Methyl acetate	79-20-9	U	40.0	5.2	ug/L	U	20
Methyl tert-butyl ether	1634-04-4	U	40.0	3.6	ug/L	U	20
Methylcyclohexane	108-87-2	U	20.0	2.2	ug/L	U	20

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DP-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-013** Date Collected: **Nov-14-08 08:35** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 14:36 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	98	20.0	8.4	ug/L		20
o-Xylene	95-47-6	16	20.0	4.0	ug/L	J	20
Styrene	100-42-5	U	20.0	3.6	ug/L	U	20
Tetrachloroethene	127-18-4	U	20.0	3.2	ug/L	U	20
Toluene	108-88-3	U	20.0	2.8	ug/L	U	20
trans-1,2-Dichloroethene	156-60-5	U	20.0	4.2	ug/L	U	20
trans-1,3-Dichloropropene	10061-02-6	U	20.0	2.2	ug/L	U	20
Trichloroethene	79-01-6	U	20.0	3.8	ug/L	U	20
Trichlorofluoromethane	75-69-4	U	20.0	11	ug/L	U	20
Vinyl chloride	75-01-4	U	20.0	3.8	ug/L	U	20
Xylenes, Total	1330-20-7	16.0	60.0		ug/L		20

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 16:12 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743424

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	4.0	2.0	0.40	mg/L		20

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 19:58 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	1700	240	21	mg/L	D	20

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740455

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	6.80	N/A	N/A	SU		1

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Sample Id: **SH-4**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-014**	Date Collected: **Nov-14-08 10:35**	Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 14:13 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 10:43 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 15:42 Analyst: 4150 Date Prep: Nov-18-08 16:37 Tech: ABA
Seq Number: 740746

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.074	0.010	0.007	mg/L		1
Barium	7440-39-3	0.032	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.020	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.032	0.010	0.002	mg/L		1
Selenium	7782-49-2	0.030	0.010	0.008	mg/L		1
Silver	7440-22-4	0.002	0.050	0.001	mg/L	J	1

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Sample Id: **SH-4** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-014** Date Collected: **Nov-14-08 10:35** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 20:59 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	50.0	7.15	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	50.0	9.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	50.0	10.6	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	50.0	8.05	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	50.0	13.1	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	50.0	8.20	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	50.0	8.90	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	50.0	8.15	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	100	35.6	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	50.0	10.7	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	50.0	13.6	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	50.0	6.45	ug/L	U	1
2-Chlorophenol	95-57-8	U	50.0	9.15	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	50.0	5.95	ug/L	U	1
2-methylphenol	95-48-7	31.1	50.0	10.0	ug/L	J	1
2-Nitroaniline	88-74-4	U	100	11.8	ug/L	U	1
2-Nitrophenol	88-75-5	U	50.0	9.75	ug/L	U	1
3&4-Methylphenol		470	100	12.8	ug/L		1
3,3-Dichlorobenzidine	91-94-1	U	100	19.4	ug/L	U	1
3-Nitroaniline	99-09-2	U	100	13.8	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	100	7.00	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	50.0	10.6	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	679	50.0	10.9	ug/L		1
4-Chloroaniline	106-47-8	U	50.0	15.5	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	50.0	6.75	ug/L	U	1
4-Nitroaniline	100-01-6	U	100	16.0	ug/L	U	1
4-Nitrophenol	100-02-7	U	100	12.1	ug/L	U	1
Acenaphthene	83-32-9	U	50.0	7.15	ug/L	U	1
Acenaphthylene	208-96-8	U	50.0	7.40	ug/L	U	1
Anthracene	120-12-7	U	50.0	10.1	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	50.0	9.50	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	50.0	9.00	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	50.0	9.85	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	50.0	9.85	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	50.0	13.6	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	50.0	6.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	50.0	8.90	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	50.0	6.00	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	50.0	9.10	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-4**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-014**	Date Collected: **Nov-14-08 10:35**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 20:59 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	50.0	9.10	ug/L	U	1
Chrysene	218-01-9	U	50.0	10.5	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	50.0	9.15	ug/L	U	1
Dibenzofuran	132-64-9	U	50.0	8.20	ug/L	U	1
Diethyl Phthalate	84-66-2	U	50.0	9.50	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	50.0	9.85	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	50.0	10.4	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	50.0	6.90	ug/L	U	1
Fluoranthene	206-44-0	U	50.0	9.05	ug/L	U	1
Fluorene	86-73-7	U	50.0	7.80	ug/L	U	1
Hexachlorobenzene	118-74-1	U	50.0	11.1	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	50.0	8.90	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	50.0	9.35	ug/L	U	1
Hexachloroethane	67-72-1	U	50.0	11.9	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	50.0	9.35	ug/L	U	1
Isophorone	78-59-1	U	50.0	7.05	ug/L	U	1
Naphthalene	91-20-3	U	50.0	7.60	ug/L	U	1
Nitrobenzene	98-95-3	U	50.0	7.45	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	50.0	6.80	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	50.0	12.5	ug/L	U	1
Pentachlorophenol	87-86-5	U	100	11.3	ug/L	U	1
Phenanthrene	85-01-8	U	50.0	10.2	ug/L	U	1
Phenol	108-95-2	23400	5000	880	ug/L	D	100
Pyrene	129-00-0	U	50.0	12.0	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-4** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-014** Date Collected: **Nov-14-08 10:35** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 15:07 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	20.0	3.2	ug/L	U	20
1,1,2,2-Tetrachloroethane	79-34-5	U	20.0	3.6	ug/L	U	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	20.0	2.2	ug/L	U	20
1,1,2-Trichloroethane	79-00-5	U	20.0	5.0	ug/L	U	20
1,1-Dichloroethane	75-34-3	U	20.0	2.2	ug/L	U	20
1,1-Dichloroethene	75-35-4	U	20.0	4.0	ug/L	U	20
1,2,4-Trichlorobenzene	120-82-1	U	20.0	3.4	ug/L	U	20
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	20.0	3.8	ug/L	U	20
1,2-Dibromoethane (EDB)	106-93-4	U	20.0	3.6	ug/L	U	20
1,2-Dichlorobenzene	95-50-1	U	20.0	2.8	ug/L	U	20
1,2-Dichloroethane	107-06-2	U	20.0	3.6	ug/L	U	20
1,2-Dichloropropane	78-87-5	U	20.0	3.0	ug/L	U	20
1,3-Dichlorobenzene	541-73-1	U	20.0	3.4	ug/L	U	20
1,4-Dichlorobenzene	106-46-7	U	20.0	3.4	ug/L	U	20
2-Butanone (MEK)	78-93-3	1500	40.0	5.6	ug/L		20
2-Hexanone	591-78-6	U	40.0	6.4	ug/L	U	20
4-Methyl-2-pentanone (MIBK)	108-10-1	210	40.0	5.2	ug/L		20
Acetone	67-64-1	350000	2000	350	ug/L	D	1000
Benzene	71-43-2	1200	20.0	3.2	ug/L		20
Bromodichloromethane	75-27-4	U	20.0	5.0	ug/L	U	20
Bromoform	75-25-2	U	20.0	3.4	ug/L	U	20
Bromomethane	74-83-9	U	20.0	5.0	ug/L	U	20
Carbon disulfide	75-15-0	U	20.0	5.2	ug/L	U	20
Carbon tetrachloride	56-23-5	U	20.0	6.6	ug/L	U	20
Chlorobenzene	108-90-7	U	20.0	3.0	ug/L	U	20
Chloroethane	75-00-3	U	20.0	5.2	ug/L	U	20
Chloroform	67-66-3	U	20.0	3.2	ug/L	U	20
Chloromethane	74-87-3	U	20.0	5.0	ug/L	U	20
cis-1,2-Dichloroethene	156-59-2	U	20.0	4.2	ug/L	U	20
cis-1,3-Dichloropropene	10061-01-5	U	20.0	2.0	ug/L	U	20
Cyclohexane	110-82-7	U	20.0	3.0	ug/L	U	20
Dibromochloromethane	124-48-1	U	20.0	3.0	ug/L	U	20
Dichlorodifluoromethane	75-71-8	U	20.0	4.4	ug/L	U	20
Ethylbenzene	100-41-4	24	20.0	3.8	ug/L		20
Isopropylbenzene	98-82-8	13	20.0	3.0	ug/L	J	20
m,p-Xylenes	179601-23-1	81	40.0	10	ug/L		20
Methyl acetate	79-20-9	U	40.0	5.2	ug/L	U	20
Methyl tert-butyl ether	1634-04-4	U	40.0	3.6	ug/L	U	20
Methylcyclohexane	108-87-2	U	20.0	2.2	ug/L	U	20

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-4** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-014** Date Collected: **Nov-14-08 10:35** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 15:07 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	74	20.0	8.4	ug/L		20
o-Xylene	95-47-6	39	20.0	4.0	ug/L		20
Styrene	100-42-5	U	20.0	3.6	ug/L	U	20
Tetrachloroethene	127-18-4	12	20.0	3.2	ug/L	J	20
Toluene	108-88-3	110	20.0	2.8	ug/L		20
trans-1,2-Dichloroethene	156-60-5	U	20.0	4.2	ug/L	U	20
trans-1,3-Dichloropropene	10061-02-6	U	20.0	2.2	ug/L	U	20
Trichloroethene	79-01-6	U	20.0	3.8	ug/L	U	20
Trichlorofluoromethane	75-69-4	U	20.0	11	ug/L	U	20
Vinyl chloride	75-01-4	U	20.0	3.8	ug/L	U	20
Xylenes, Total	1330-20-7	120	60.0		ug/L		20

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 15:41 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743424

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	4.0	2.0	0.40	mg/L		20

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 20:23 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	410	38	3.3	mg/L	D	25

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740455

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.50	N/A	N/A	SU		1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-3**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-015**	Date Collected: **Nov-14-08 12:35**	Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 14:16 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 11:07 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 15:44 Analyst: 4150 Date Prep: Nov-18-08 16:37 Tech: ABA
Seq Number: 740746

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.040	0.010	0.007	mg/L		1
Barium	7440-39-3	0.035	0.050	0.002	mg/L	J	1
Cadmium	7440-43-9	0.004	0.005	0.001	mg/L	J	1
Chromium	7440-47-3	0.044	0.050	0.001	mg/L	J	1
Lead	7439-92-1	0.013	0.010	0.002	mg/L		1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-3** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-015** Date Collected: **Nov-14-08 12:35** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 21:27 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		155	100	12.8	ug/L	D	5
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-3**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-015**	Date Collected: **Nov-14-08 12:35**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 21:27 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	205	50.0	8.80	ug/L	D	5
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-3** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-015** Date Collected: **Nov-14-08 12:35** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 15:38 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	20.0	3.2	ug/L	U	20
1,1,2,2-Tetrachloroethane	79-34-5	U	20.0	3.6	ug/L	U	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	20.0	2.2	ug/L	U	20
1,1,2-Trichloroethane	79-00-5	U	20.0	5.0	ug/L	U	20
1,1-Dichloroethane	75-34-3	U	20.0	2.2	ug/L	U	20
1,1-Dichloroethene	75-35-4	U	20.0	4.0	ug/L	U	20
1,2,4-Trichlorobenzene	120-82-1	U	20.0	3.4	ug/L	U	20
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	20.0	3.8	ug/L	U	20
1,2-Dibromoethane (EDB)	106-93-4	U	20.0	3.6	ug/L	U	20
1,2-Dichlorobenzene	95-50-1	U	20.0	2.8	ug/L	U	20
1,2-Dichloroethane	107-06-2	U	20.0	3.6	ug/L	U	20
1,2-Dichloropropane	78-87-5	U	20.0	3.0	ug/L	U	20
1,3-Dichlorobenzene	541-73-1	U	20.0	3.4	ug/L	U	20
1,4-Dichlorobenzene	106-46-7	U	20.0	3.4	ug/L	U	20
2-Butanone (MEK)	78-93-3	U	40.0	5.6	ug/L	U	20
2-Hexanone	591-78-6	U	40.0	6.4	ug/L	U	20
4-Methyl-2-pentanone (MIBK)	108-10-1	260	40.0	5.2	ug/L		20
Acetone	67-64-1	6400	40.0	7.0	ug/L		20
Benzene	71-43-2	88	20.0	3.2	ug/L		20
Bromodichloromethane	75-27-4	U	20.0	5.0	ug/L	U	20
Bromoform	75-25-2	U	20.0	3.4	ug/L	U	20
Bromomethane	74-83-9	U	20.0	5.0	ug/L	U	20
Carbon disulfide	75-15-0	U	20.0	5.2	ug/L	U	20
Carbon tetrachloride	56-23-5	U	20.0	6.6	ug/L	U	20
Chlorobenzene	108-90-7	U	20.0	3.0	ug/L	U	20
Chloroethane	75-00-3	U	20.0	5.2	ug/L	U	20
Chloroform	67-66-3	U	20.0	3.2	ug/L	U	20
Chloromethane	74-87-3	U	20.0	5.0	ug/L	U	20
cis-1,2-Dichloroethene	156-59-2	U	20.0	4.2	ug/L	U	20
cis-1,3-Dichloropropene	10061-01-5	U	20.0	2.0	ug/L	U	20
Cyclohexane	110-82-7	U	20.0	3.0	ug/L	U	20
Dibromochloromethane	124-48-1	U	20.0	3.0	ug/L	U	20
Dichlorodifluoromethane	75-71-8	U	20.0	4.4	ug/L	U	20
Ethylbenzene	100-41-4	U	20.0	3.8	ug/L	U	20
Isopropylbenzene	98-82-8	U	20.0	3.0	ug/L	U	20
m,p-Xylenes	179601-23-1	11	40.0	10	ug/L	J	20
Methyl acetate	79-20-9	U	40.0	5.2	ug/L	U	20
Methyl tert-butyl ether	1634-04-4	U	40.0	3.6	ug/L	U	20
Methylcyclohexane	108-87-2	U	20.0	2.2	ug/L	U	20

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-3** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-015** Date Collected: **Nov-14-08 12:35** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 15:38 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	46	20.0	8.4	ug/L		20
o-Xylene	95-47-6	U	20.0	4.0	ug/L	U	20
Styrene	100-42-5	U	20.0	3.6	ug/L	U	20
Tetrachloroethene	127-18-4	U	20.0	3.2	ug/L	U	20
Toluene	108-88-3	U	20.0	2.8	ug/L	U	20
trans-1,2-Dichloroethene	156-60-5	U	20.0	4.2	ug/L	U	20
trans-1,3-Dichloropropene	10061-02-6	U	20.0	2.2	ug/L	U	20
Trichloroethene	79-01-6	U	20.0	3.8	ug/L	U	20
Trichlorofluoromethane	75-69-4	U	20.0	11	ug/L	U	20
Vinyl chloride	75-01-4	U	20.0	3.8	ug/L	U	20
Xylenes, Total	1330-20-7	11	60.0		ug/L		20

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-14-08 22:08 Analyst: ANI Date Prep: Dec-14-08 16:31 Tech: ANI
Seq Number: 743462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	0.15	0.10	0.020	mg/L		1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 20:48 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	26	3.0	0.26	mg/L	D	10

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740455

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.70	N/A	N/A	SU		1

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Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-016** Date Collected: **Nov-14-08 13:15** Date Received: **Nov-15-08 09:30**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 14:26 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 11:53 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 15:46 Analyst: 4150 Date Prep: Nov-18-08 16:37 Tech: ABA
Seq Number: 740746

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.048	0.010	0.007	mg/L		1
Barium	7440-39-3	0.052	0.050	0.002	mg/L		1
Cadmium	7440-43-9	0.113	0.005	0.001	mg/L		1
Chromium	7440-47-3	0.280	0.050	0.001	mg/L		1
Lead	7439-92-1	0.294	0.010	0.002	mg/L		1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	0.002	0.050	0.001	mg/L	J	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-016**	Date Collected: **Nov-14-08 13:15**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 21:54 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	185	50.0	7.15	ug/L		1
1,2-Dichlorobenzene	95-50-1	U	50.0	9.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	50.0	10.6	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	50.0	8.05	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	50.0	13.1	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	50.0	8.20	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	50.0	8.90	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	50.0	8.15	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	100	35.6	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	50.0	10.7	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	50.0	13.6	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	50.0	6.45	ug/L	U	1
2-Chlorophenol	95-57-8	U	50.0	9.15	ug/L	U	1
2-Methylnaphthalene	91-57-6	14.7	50.0	5.95	ug/L	J	1
2-methylphenol	95-48-7	U	50.0	10.0	ug/L	U	1
2-Nitroaniline	88-74-4	U	100	11.8	ug/L	U	1
2-Nitrophenol	88-75-5	U	50.0	9.75	ug/L	U	1
3&4-Methylphenol		U	100	12.8	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	100	19.4	ug/L	U	1
3-Nitroaniline	99-09-2	U	100	13.8	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	100	7.00	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	50.0	10.6	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	50.0	10.9	ug/L	U	1
4-Chloroaniline	106-47-8	U	50.0	15.5	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	50.0	6.75	ug/L	U	1
4-Nitroaniline	100-01-6	U	100	16.0	ug/L	U	1
4-Nitrophenol	100-02-7	U	100	12.1	ug/L	U	1
Acenaphthene	83-32-9	U	50.0	7.15	ug/L	U	1
Acenaphthylene	208-96-8	U	50.0	7.40	ug/L	U	1
Anthracene	120-12-7	U	50.0	10.1	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	50.0	9.50	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	50.0	9.00	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	50.0	9.85	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	50.0	9.85	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	50.0	13.6	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	50.0	6.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	50.0	8.90	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	50.0	6.00	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	50.0	9.10	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **317804-016**	Date Collected: **Nov-14-08 13:15**	Date Received: **Nov-15-08 09:30**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 21:54 Analyst: 4153 Date Prep: Nov-18-08 16:00 Tech: 5458

Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	50.0	9.10	ug/L	U	1
Chrysene	218-01-9	U	50.0	10.5	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	50.0	9.15	ug/L	U	1
Dibenzofuran	132-64-9	U	50.0	8.20	ug/L	U	1
Diethyl Phthalate	84-66-2	U	50.0	9.50	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	50.0	9.85	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	50.0	10.4	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	50.0	6.90	ug/L	U	1
Fluoranthene	206-44-0	U	50.0	9.05	ug/L	U	1
Fluorene	86-73-7	U	50.0	7.80	ug/L	U	1
Hexachlorobenzene	118-74-1	U	50.0	11.1	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	50.0	8.90	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	50.0	9.35	ug/L	U	1
Hexachloroethane	67-72-1	U	50.0	11.9	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	50.0	9.35	ug/L	U	1
Isophorone	78-59-1	U	50.0	7.05	ug/L	U	1
Naphthalene	91-20-3	U	50.0	7.60	ug/L	U	1
Nitrobenzene	98-95-3	U	50.0	7.45	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	50.0	6.80	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	50.0	12.5	ug/L	U	1
Pentachlorophenol	87-86-5	U	100	11.3	ug/L	U	1
Phenanthrene	85-01-8	U	50.0	10.2	ug/L	U	1
Phenol	108-95-2	9990	2500	440	ug/L	D	50
Pyrene	129-00-0	U	50.0	12.0	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.046

Certificate of Analytical Results 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-016** Date Collected: **Nov-14-08 13:15** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 16:09 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	20.0	3.2	ug/L	U	20
1,1,2,2-Tetrachloroethane	79-34-5	U	20.0	3.6	ug/L	U	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	20.0	2.2	ug/L	U	20
1,1,2-Trichloroethane	79-00-5	U	20.0	5.0	ug/L	U	20
1,1-Dichloroethane	75-34-3	U	20.0	2.2	ug/L	U	20
1,1-Dichloroethene	75-35-4	U	20.0	4.0	ug/L	U	20
1,2,4-Trichlorobenzene	120-82-1	U	20.0	3.4	ug/L	U	20
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	20.0	3.8	ug/L	U	20
1,2-Dibromoethane (EDB)	106-93-4	U	20.0	3.6	ug/L	U	20
1,2-Dichlorobenzene	95-50-1	U	20.0	2.8	ug/L	U	20
1,2-Dichloroethane	107-06-2	U	20.0	3.6	ug/L	U	20
1,2-Dichloropropane	78-87-5	U	20.0	3.0	ug/L	U	20
1,3-Dichlorobenzene	541-73-1	U	20.0	3.4	ug/L	U	20
1,4-Dichlorobenzene	106-46-7	U	20.0	3.4	ug/L	U	20
2-Butanone (MEK)	78-93-3	420	40.0	5.6	ug/L		20
2-Hexanone	591-78-6	U	40.0	6.4	ug/L	U	20
4-Methyl-2-pentanone (MIBK)	108-10-1	100	40.0	5.2	ug/L		20
Acetone	67-64-1	210000	2000	350	ug/L	D	1000
Benzene	71-43-2	160	20.0	3.2	ug/L		20
Bromodichloromethane	75-27-4	U	20.0	5.0	ug/L	U	20
Bromoform	75-25-2	U	20.0	3.4	ug/L	U	20
Bromomethane	74-83-9	U	20.0	5.0	ug/L	U	20
Carbon disulfide	75-15-0	U	20.0	5.2	ug/L	U	20
Carbon tetrachloride	56-23-5	U	20.0	6.6	ug/L	U	20
Chlorobenzene	108-90-7	U	20.0	3.0	ug/L	U	20
Chloroethane	75-00-3	U	20.0	5.2	ug/L	U	20
Chloroform	67-66-3	U	20.0	3.2	ug/L	U	20
Chloromethane	74-87-3	U	20.0	5.0	ug/L	U	20
cis-1,2-Dichloroethene	156-59-2	U	20.0	4.2	ug/L	U	20
cis-1,3-Dichloropropene	10061-01-5	U	20.0	2.0	ug/L	U	20
Cyclohexane	110-82-7	U	20.0	3.0	ug/L	U	20
Dibromochloromethane	124-48-1	U	20.0	3.0	ug/L	U	20
Dichlorodifluoromethane	75-71-8	U	20.0	4.4	ug/L	U	20
Ethylbenzene	100-41-4	U	20.0	3.8	ug/L	U	20
Isopropylbenzene	98-82-8	U	20.0	3.0	ug/L	U	20
m,p-Xylenes	179601-23-1	29	40.0	10	ug/L	J	20
Methyl acetate	79-20-9	U	40.0	5.2	ug/L	U	20
Methyl tert-butyl ether	1634-04-4	U	40.0	3.6	ug/L	U	20
Methylcyclohexane	108-87-2	U	20.0	2.2	ug/L	U	20

Project: Xenco-Atlanta Master Project

Version: 1.046

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **SH-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **317804-016** Date Collected: **Nov-14-08 13:15** Date Received: **Nov-15-08 09:30**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 16:09 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	34	20.0	8.4	ug/L		20
o-Xylene	95-47-6	14	20.0	4.0	ug/L	J	20
Styrene	100-42-5	U	20.0	3.6	ug/L	U	20
Tetrachloroethene	127-18-4	U	20.0	3.2	ug/L	U	20
Toluene	108-88-3	17	20.0	2.8	ug/L	J	20
trans-1,2-Dichloroethene	156-60-5	U	20.0	4.2	ug/L	U	20
trans-1,3-Dichloropropene	10061-02-6	U	20.0	2.2	ug/L	U	20
Trichloroethene	79-01-6	U	20.0	3.8	ug/L	U	20
Trichlorofluoromethane	75-69-4	U	20.0	11	ug/L	U	20
Vinyl chloride	75-01-4	U	20.0	3.8	ug/L	U	20
Xylenes, Total	1330-20-7	43.0	60.0		ug/L		20

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-14-08 21:37 Analyst: ANI Date Prep: Dec-14-08 16:31 Tech: ANI
Seq Number: 743462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	0.24	0.10	0.020	mg/L		1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 21:13 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	110	15	1.3	mg/L	D	50

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-17-08 15:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 740455

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	4.70	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.046

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL and above the SQL.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741029 **Sample:** 317459-012 S / MS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	13.9	16.3	85	19-203	
Tetrachloro-m-xylene	14.5	16.3	89	19-191	

Lab Batch #: 741029 **Sample:** 317459-012 S / MS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	14.7	16.3	90	19-203	
Tetrachloro-m-xylene	10.7	16.3	66	19-191	

Lab Batch #: 741029 **Sample:** 317459-012 SD / MSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	14.2	16.4	87	19-203	
Tetrachloro-m-xylene	13.9	16.4	85	19-191	

Lab Batch #: 741029 **Sample:** 317459-012 SD / MSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	14.1	16.4	86	19-203	
Tetrachloro-m-xylene	13.5	16.4	82	19-191	

Lab Batch #: 741029 **Sample:** 317804-001 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	6.80	16.6	41	19-203	
Tetrachloro-m-xylene	7.91	16.6	48	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741029 **Sample:** 317804-001 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	6.91	16.6	42	19-203	
Tetrachloro-m-xylene	11.1	16.6	67	19-191	

Lab Batch #: 741029 **Sample:** 317804-002 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	7.56	16.5	46	19-203	
Tetrachloro-m-xylene	13.5	16.5	82	19-191	

Lab Batch #: 741029 **Sample:** 317804-002 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	10.9	16.5	66	19-203	
Tetrachloro-m-xylene	12.5	16.5	76	19-191	

Lab Batch #: 741029 **Sample:** 317804-003 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	6.09	16.2	38	19-203	
Tetrachloro-m-xylene	16.3	16.2	101	19-191	

Lab Batch #: 741029 **Sample:** 317804-003 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	15.1	16.2	93	19-203	
Tetrachloro-m-xylene	12.5	16.2	78	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741029 **Sample:** 317804-004 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	5.95	16.3	37	19-203	
Tetrachloro-m-xylene	13.6	16.3	83	19-191	

Lab Batch #: 741029 **Sample:** 317804-004 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	9.07	16.3	56	19-203	
Tetrachloro-m-xylene	15.3	16.3	94	19-191	

Lab Batch #: 741029 **Sample:** 317804-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	5.26	16.5	32	19-203	
Tetrachloro-m-xylene	9.27	16.5	56	19-191	

Lab Batch #: 741029 **Sample:** 317804-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	6.89	16.5	42	19-203	
Tetrachloro-m-xylene	10.6	16.5	64	19-191	

Lab Batch #: 741029 **Sample:** 317804-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	10.8	16.4	66	19-203	
Tetrachloro-m-xylene	10.9	16.4	66	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741029 **Sample:** 317804-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	9.73	16.4	59	19-203	
Tetrachloro-m-xylene	14.5	16.4	88	19-191	

Lab Batch #: 741029 **Sample:** 317804-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	4.82	16.7	29	19-203	
Tetrachloro-m-xylene	11.7	16.7	70	19-191	

Lab Batch #: 741029 **Sample:** 317804-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	11.4	16.7	68	19-203	
Tetrachloro-m-xylene	12.7	16.7	76	19-191	

Lab Batch #: 741029 **Sample:** 317804-008 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	6.84	16.6	41	19-203	
Tetrachloro-m-xylene	8.06	16.6	49	19-191	

Lab Batch #: 741029 **Sample:** 317804-008 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	10.7	16.6	64	19-203	
Tetrachloro-m-xylene	12.9	16.6	78	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741029 **Sample:** 519552-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	16.2	16.7	97	19-203	
Tetrachloro-m-xylene	16.4	16.7	98	19-191	

Lab Batch #: 741029 **Sample:** 519552-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	17.4	16.7	104	19-203	
Tetrachloro-m-xylene	14.9	16.7	89	19-191	

Lab Batch #: 741029 **Sample:** 519552-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	15.6	16.7	93	19-203	
Tetrachloro-m-xylene	15.0	16.7	90	19-191	

Lab Batch #: 741029 **Sample:** 519552-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	16.6	16.7	99	19-203	
Tetrachloro-m-xylene	13.7	16.7	82	19-191	

Lab Batch #: 741397 **Sample:** 317746-019 S / MS **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.266	0.500	53	12-155	
Tetrachloro-m-xylene	0.433	0.500	87	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741397 **Sample:** 317746-019 S / MS **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.378	0.500	76	12-155	
Tetrachloro-m-xylene	0.577	0.500	115	22-146	

Lab Batch #: 741397 **Sample:** 317746-019 SD / MSD **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.276	0.500	55	12-155	
Tetrachloro-m-xylene	0.414	0.500	83	22-146	

Lab Batch #: 741397 **Sample:** 317746-019 SD / MSD **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.395	0.500	79	12-155	
Tetrachloro-m-xylene	0.577	0.500	115	22-146	

Lab Batch #: 741397 **Sample:** 317804-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.254	0.500	51	12-155	
Tetrachloro-m-xylene	0.304	0.500	61	22-146	

Lab Batch #: 741397 **Sample:** 317804-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.276	0.500	55	12-155	
Tetrachloro-m-xylene	0.295	0.500	59	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741397 **Sample:** 317804-010 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.186	0.500	37	12-155	
Tetrachloro-m-xylene	0.243	0.500	49	22-146	

Lab Batch #: 741397 **Sample:** 317804-010 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.208	0.500	42	12-155	
Tetrachloro-m-xylene	0.298	0.500	60	22-146	

Lab Batch #: 741397 **Sample:** 317804-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.317	0.500	63	12-155	
Tetrachloro-m-xylene	0.355	0.500	71	22-146	

Lab Batch #: 741397 **Sample:** 317804-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.336	0.500	67	12-155	
Tetrachloro-m-xylene	0.295	0.500	59	22-146	

Lab Batch #: 741397 **Sample:** 317804-012 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.247	0.500	49	12-155	
Tetrachloro-m-xylene	0.264	0.500	53	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741397 **Sample:** 317804-012 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.177	0.500	35	12-155	
Tetrachloro-m-xylene	0.204	0.500	41	22-146	

Lab Batch #: 741397 **Sample:** 317804-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.364	0.500	73	12-155	
Tetrachloro-m-xylene	0.397	0.500	79	22-146	

Lab Batch #: 741397 **Sample:** 317804-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.469	0.500	94	12-155	
Tetrachloro-m-xylene	0.249	0.500	50	22-146	

Lab Batch #: 741397 **Sample:** 317804-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.367	0.500	73	12-155	
Tetrachloro-m-xylene	0.409	0.500	82	22-146	

Lab Batch #: 741397 **Sample:** 317804-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.311	0.500	62	12-155	
Tetrachloro-m-xylene	0.540	0.500	108	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741397 **Sample:** 317804-015 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.213	0.500	43	12-155	
Tetrachloro-m-xylene	0.401	0.500	80	22-146	

Lab Batch #: 741397 **Sample:** 317804-015 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.226	0.500	45	12-155	
Tetrachloro-m-xylene	0.575	0.500	115	22-146	

Lab Batch #: 741397 **Sample:** 317804-016 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.219	0.500	44	12-155	
Tetrachloro-m-xylene	0.402	0.500	80	22-146	

Lab Batch #: 741397 **Sample:** 317804-016 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.252	0.500	50	12-155	
Tetrachloro-m-xylene	0.661	0.500	132	22-146	

Lab Batch #: 741397 **Sample:** 519640-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.272	0.500	54	12-155	
Tetrachloro-m-xylene	0.446	0.500	89	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741397 **Sample:** 519640-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.404	0.500	81	12-155	
Tetrachloro-m-xylene	0.595	0.500	119	22-146	

Lab Batch #: 741397 **Sample:** 519640-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.265	0.500	53	12-155	
Tetrachloro-m-xylene	0.461	0.500	92	22-146	

Lab Batch #: 741397 **Sample:** 519640-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.372	0.500	74	12-155	
Tetrachloro-m-xylene	0.594	0.500	119	22-146	

Lab Batch #: 740679 **Sample:** 317570-002 S / MS **Batch:** 1 **Matrix:** Soil

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	940	1700	55	30-115	
2-Fluorophenol	1700	3300	52	25-121	
Nitrobenzene-d5	900	1700	53	23-120	
Phenol-d5	2000	3300	61	25-125	
Terphenyl-D14	1300	1700	76	18-137	
2,4,6-Tribromophenol	2100	3300	64	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 740679 **Sample:** 317570-002 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	940	1600	59	30-115	
2-Fluorophenol	1800	3300	55	25-121	
Nitrobenzene-d5	940	1600	59	23-120	
Phenol-d5	2000	3300	61	25-125	
Terphenyl-D14	1100	1600	69	18-137	
2,4,6-Tribromophenol	2000	3300	61	19-122	

Lab Batch #: 740679 **Sample:** 317804-001 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	600	1700	35	30-115	
2-Fluorophenol	740	3300	22	25-121	**
Nitrobenzene-d5	790	1700	46	23-120	
Phenol-d5	890	3300	27	25-125	
Terphenyl-D14	2000	1700	118	18-137	
2,4,6-Tribromophenol	1100	3300	33	19-122	

Lab Batch #: 740679 **Sample:** 317804-002 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	580	1700	34	30-115	
2-Fluorophenol	1100	3300	33	25-121	
Nitrobenzene-d5	580	1700	34	23-120	
Phenol-d5	1300	3300	39	25-125	
Terphenyl-D14	620	1700	36	18-137	
2,4,6-Tribromophenol	1300	3300	39	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 740679 **Sample:** 317804-003 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	970	17000	6	30-115	**
2-Fluorophenol	1400	33000	4	25-121	**
Nitrobenzene-d5	<0.0000	17000	0	23-120	**
Phenol-d5	1800	33000	5	25-125	**
Terphenyl-D14	<0.0000	17000	0	18-137	**
2,4,6-Tribromophenol	1800	33000	5	19-122	**

Lab Batch #: 740679 **Sample:** 317804-004 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	700	1600	44	30-115	
2-Fluorophenol	1100	3300	33	25-121	
Nitrobenzene-d5	700	1600	44	23-120	
Phenol-d5	1400	3300	42	25-125	
Terphenyl-D14	660	1600	41	18-137	
2,4,6-Tribromophenol	1400	3300	42	19-122	

Lab Batch #: 740679 **Sample:** 317804-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	430	17000	3	30-115	**
2-Fluorophenol	700	33000	2	25-121	**
Nitrobenzene-d5	<0.0000	17000	0	23-120	**
Phenol-d5	930	33000	3	25-125	**
Terphenyl-D14	<0.0000	17000	0	18-137	**
2,4,6-Tribromophenol	700	33000	2	19-122	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 740679 **Sample:** 317804-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1800	17000	11	30-115	**
2-Fluorophenol	2000	33000	6	25-121	**
Nitrobenzene-d5	<0.0000	17000	0	23-120	**
Phenol-d5	2600	33000	8	25-125	**
Terphenyl-D14	3500	17000	21	18-137	
2,4,6-Tribromophenol	2900	33000	9	19-122	**

Lab Batch #: 740679 **Sample:** 317804-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1100	16000	7	30-115	**
2-Fluorophenol	2300	33000	7	25-121	**
Nitrobenzene-d5	1800	16000	11	23-120	**
Phenol-d5	2500	33000	8	25-125	**
Terphenyl-D14	<0.0000	16000	0	18-137	**
2,4,6-Tribromophenol	1600	33000	5	19-122	**

Lab Batch #: 740679 **Sample:** 317804-008 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	560	1700	33	30-115	
2-Fluorophenol	660	3300	20	25-121	**
Nitrobenzene-d5	490	1700	29	23-120	
Phenol-d5	940	3300	28	25-125	
Terphenyl-D14	650	1700	38	18-137	
2,4,6-Tribromophenol	1300	3300	39	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 740679 **Sample:** 519423-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1200	1700	71	30-115	
2-Fluorophenol	2300	3300	70	25-121	
Nitrobenzene-d5	1200	1700	71	23-120	
Phenol-d5	2700	3300	82	25-125	
Terphenyl-D14	1300	1700	76	18-137	
2,4,6-Tribromophenol	2300	3300	70	19-122	

Lab Batch #: 740679 **Sample:** 519423-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	1300	1700	76	30-115	
2-Fluorophenol	2500	3300	76	25-121	
Nitrobenzene-d5	1300	1700	76	23-120	
Phenol-d5	2900	3300	88	25-125	
Terphenyl-D14	1400	1700	82	18-137	
2,4,6-Tribromophenol	2600	3300	79	19-122	

Lab Batch #: 740905 **Sample:** 317804-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	65.6	100	66	32-117	
2-Fluorobiphenyl	33.4	50.0	67	35-96	
2-Fluorophenol	49.7	100	50	29-87	
Nitrobenzene-d5	26.7	50.0	53	22-108	
Phenol-d5	16.3	100	16	28-88	**
Terphenyl-D14	14.2	50.0	28	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 740905 **Sample:** 317804-010 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	86.3	100	86	32-117	
2-Fluorobiphenyl	23.7	50.0	47	35-96	
2-Fluorophenol	83.1	100	83	29-87	
Nitrobenzene-d5	33.9	50.0	68	22-108	
Phenol-d5	88.8	100	89	28-88	**
Terphenyl-D14	11.4	50.0	23	18-133	

Lab Batch #: 740905 **Sample:** 317804-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	60.8	100	61	32-117	
2-Fluorobiphenyl	23.9	50.0	48	35-96	
2-Fluorophenol	48.9	100	49	29-87	
Nitrobenzene-d5	24.5	50.0	49	22-108	
Phenol-d5	55.3	100	55	28-88	
Terphenyl-D14	32.6	50.0	65	18-133	

Lab Batch #: 740905 **Sample:** 317804-012 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	76.9	100	77	32-117	
2-Fluorobiphenyl	24.8	50.0	50	35-96	
2-Fluorophenol	53.3	100	53	29-87	
Nitrobenzene-d5	29.3	50.0	59	22-108	
Phenol-d5	65.2	100	65	28-88	
Terphenyl-D14	40.0	50.0	80	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 740905 **Sample:** 317804-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	64.2	1000	6	32-117	**
2-Fluorobiphenyl	43.5	500	9	35-96	**
2-Fluorophenol	82.2	1000	8	29-87	**
Nitrobenzene-d5	62.8	500	13	22-108	**
Phenol-d5	U	1000	0	28-88	**
Terphenyl-D14	26.8	500	5	18-133	**

Lab Batch #: 740905 **Sample:** 317804-013 DL / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	U	1000	0	32-117	***
2-Fluorobiphenyl	U	500	0	35-96	***
2-Fluorophenol	U	1000	0	29-87	***
Nitrobenzene-d5	U	500	0	22-108	***
Phenol-d5	U	1000	0	28-88	***
Terphenyl-D14	U	500	0	18-133	***

Lab Batch #: 740905 **Sample:** 317804-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	87.8	500	18	32-117	**
2-Fluorobiphenyl	69.9	250	28	35-96	**
2-Fluorophenol	100	500	20	29-87	**
Nitrobenzene-d5	47.3	250	19	22-108	**
Phenol-d5	85.5	500	17	28-88	**
Terphenyl-D14	76.9	250	31	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 740905 **Sample:** 317804-014 DL / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	U	500	0	32-117	***
2-Fluorobiphenyl	U	250	0	35-96	***
2-Fluorophenol	U	500	0	29-87	***
Nitrobenzene-d5	U	250	0	22-108	***
Phenol-d5	U	500	0	28-88	***
Terphenyl-D14	U	250	0	18-133	***

Lab Batch #: 740905 **Sample:** 317804-015 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	94.9	100	95	32-117	
2-Fluorobiphenyl	26.5	50.0	53	35-96	
2-Fluorophenol	U	100	0	29-87	**
Nitrobenzene-d5	37.8	50.0	76	22-108	
Phenol-d5	U	100	0	28-88	**
Terphenyl-D14	14.2	50.0	28	18-133	

Lab Batch #: 740905 **Sample:** 317804-015 DL / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	71.3	100	71	32-117	
2-Fluorobiphenyl	19.6	50.0	39	35-96	
2-Fluorophenol	67.9	100	68	29-87	
Nitrobenzene-d5	24.4	50.0	49	22-108	
Phenol-d5	80.3	100	80	28-88	
Terphenyl-D14	18.0	50.0	36	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 740905 **Sample:** 317804-016 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	111	500	22	32-117	**
2-Fluorobiphenyl	32.7	250	13	35-96	**
2-Fluorophenol	63.0	500	13	29-87	**
Nitrobenzene-d5	U	250	0	22-108	**
Phenol-d5	390	500	78	28-88	
Terphenyl-D14	24.3	250	10	18-133	**

Lab Batch #: 740905 **Sample:** 317804-016 DL / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	U	500	0	32-117	***
2-Fluorobiphenyl	U	250	0	35-96	***
2-Fluorophenol	U	500	0	29-87	***
Nitrobenzene-d5	U	250	0	22-108	***
Phenol-d5	U	500	0	28-88	***
Terphenyl-D14	U	250	0	18-133	***

Lab Batch #: 740905 **Sample:** 317907-031 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	71.8	100	72	32-117	
2-Fluorobiphenyl	31.2	50.0	62	35-96	
2-Fluorophenol	52.7	100	53	29-87	
Nitrobenzene-d5	28.7	50.0	57	22-108	
Phenol-d5	55.5	100	56	28-88	
Terphenyl-D14	27.0	50.0	54	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 740905 **Sample:** 317907-031 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	54.0	100	54	32-117	
2-Fluorobiphenyl	23.3	50.0	47	35-96	
2-Fluorophenol	35.5	100	36	29-87	
Nitrobenzene-d5	20.7	50.0	41	22-108	
Phenol-d5	34.7	100	35	28-88	
Terphenyl-D14	22.0	50.0	44	18-133	

Lab Batch #: 740905 **Sample:** 519508-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	78.8	100	79	32-117	
2-Fluorobiphenyl	37.8	50.0	76	35-96	
2-Fluorophenol	72.6	100	73	29-87	
Nitrobenzene-d5	36.5	50.0	73	22-108	
Phenol-d5	77.1	100	77	28-88	
Terphenyl-D14	38.7	50.0	77	18-133	

Lab Batch #: 740905 **Sample:** 519508-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	90.2	100	90	32-117	
2-Fluorobiphenyl	41.8	50.0	84	35-96	
2-Fluorophenol	84.8	100	85	29-87	
Nitrobenzene-d5	40.2	50.0	80	22-108	
Phenol-d5	74.2	100	74	28-88	
Terphenyl-D14	43.7	50.0	87	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 744229 **Sample:** 317804-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	64.17	50.00	128	53-159	
4-Bromofluorobenzene	45.06	50.00	90	30-186	
Toluene-D8	46.98	50.00	94	70-130	

Lab Batch #: 744229 **Sample:** 317804-010 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	84.43	50.00	169	53-159	**
4-Bromofluorobenzene	41.12	50.00	82	30-186	
Toluene-D8	40.55	50.00	81	70-130	

Lab Batch #: 744229 **Sample:** 317804-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	57.99	50.00	116	53-159	
4-Bromofluorobenzene	45.78	50.00	92	30-186	
Toluene-D8	50.30	50.00	101	70-130	

Lab Batch #: 744229 **Sample:** 317804-012 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.36	50.00	111	53-159	
4-Bromofluorobenzene	45.78	50.00	92	30-186	
Toluene-D8	51.62	50.00	103	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 744229 **Sample:** 317804-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	65.20	50.00	130	53-159	
4-Bromofluorobenzene	42.84	50.00	86	30-186	
Toluene-D8	46.39	50.00	93	70-130	

Lab Batch #: 744229 **Sample:** 317804-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	34.21	50.00	68	53-159	
4-Bromofluorobenzene	58.75	50.00	118	30-186	
Toluene-D8	63.19	50.00	126	70-130	

Lab Batch #: 744229 **Sample:** 317804-015 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	45.76	50.00	92	53-159	
4-Bromofluorobenzene	47.92	50.00	96	30-186	
Toluene-D8	55.22	50.00	110	70-130	

Lab Batch #: 744229 **Sample:** 317804-016 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	34.38	50.00	69	53-159	
4-Bromofluorobenzene	57.42	50.00	115	30-186	
Toluene-D8	63.61	50.00	127	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 744229 **Sample:** 521564-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.90	50.00	112	53-159	
4-Bromofluorobenzene	45.54	50.00	91	30-186	
Toluene-D8	51.95	50.00	104	70-130	

Lab Batch #: 744229 **Sample:** 521564-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	58.51	50.00	117	53-159	
4-Bromofluorobenzene	45.55	50.00	91	30-186	
Toluene-D8	48.82	50.00	98	70-130	

Lab Batch #: 744475 **Sample:** 317804-013 / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	58.33	50.00	117	53-159	
4-Bromofluorobenzene	47.27	50.00	95	30-186	
Toluene-D8	49.65	50.00	99	70-130	

Lab Batch #: 744475 **Sample:** 317804-014 / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	59.66	50.00	119	53-159	
4-Bromofluorobenzene	45.54	50.00	91	30-186	
Toluene-D8	48.62	50.00	97	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 744475 **Sample:** 317804-016 / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	59.91	50.00	120	53-159	
4-Bromofluorobenzene	46.20	50.00	92	30-186	
Toluene-D8	49.07	50.00	98	70-130	

Lab Batch #: 744475 **Sample:** 521716-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	47.77	50.00	96	53-159	
4-Bromofluorobenzene	46.84	50.00	94	30-186	
Toluene-D8	50.85	50.00	102	70-130	

Lab Batch #: 744475 **Sample:** 521716-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.88	50.00	112	53-159	
4-Bromofluorobenzene	46.54	50.00	93	30-186	
Toluene-D8	50.68	50.00	101	70-130	

Lab Batch #: 743424 **Sample:** 317804-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 743424 **Sample:** 317804-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743424 **Sample:** 317804-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	64-123	

Lab Batch #: 743424 **Sample:** 317804-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743424 **Sample:** 318116-011 S / MS **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743424 **Sample:** 318116-011 SD / MSD **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 743424 **Sample:** 521064-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743424 **Sample:** 521064-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743462 **Sample:** 317804-010 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	64-123	

Lab Batch #: 743462 **Sample:** 317804-012 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743462 **Sample:** 317804-015 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 743462 **Sample:** 317804-016 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743462 **Sample:** 320267-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743462 **Sample:** 320267-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743462 **Sample:** 521088-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743462 **Sample:** 521088-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 743620 **Sample:** 317804-002 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743620 **Sample:** 317804-008 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743620 **Sample:** 320319-002 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743620 **Sample:** 320319-002 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743620 **Sample:** 521186-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 743620 **Sample:** 521186-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743625 **Sample:** 317804-001 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743625 **Sample:** 317804-003 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.12	0.10	120	66-121	

Lab Batch #: 743625 **Sample:** 317804-004 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743625 **Sample:** 317804-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 743625 **Sample:** 317804-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743625 **Sample:** 317804-006 D / MD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743625 **Sample:** 317804-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743625 **Sample:** 521191-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743625 **Sample:** 521191-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 740871 **Sample:** 317570-004 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	1.4	1.7	82	32-116	

Lab Batch #: 740871 **Sample:** 317570-004 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	1.4	1.6	88	32-116	

Lab Batch #: 740871 **Sample:** 317804-001 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	47	1.7	2765	32-116	**

Lab Batch #: 740871 **Sample:** 317804-001 DL / DL **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.57	1.7	34	32-116	

Lab Batch #: 740871 **Sample:** 317804-002 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.86	1.7	51	32-116	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 740871 **Sample:** 317804-002 DL / DL **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	1.0	1.7	59	32-116	

Lab Batch #: 740871 **Sample:** 317804-003 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	37	1.7	2176	32-116	**

Lab Batch #: 740871 **Sample:** 317804-003 DL / DL **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.80	1.7	47	32-116	

Lab Batch #: 740871 **Sample:** 317804-004 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	<0.0000	1.7	0	32-116	**

Lab Batch #: 740871 **Sample:** 317804-004 DL / DL **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	1.4	1.7	82	32-116	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 740871 **Sample:** 317804-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	57	1.6	3563	32-116	**

Lab Batch #: 740871 **Sample:** 317804-005 DL / DL **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	12	1.7	706	32-116	***

Lab Batch #: 740871 **Sample:** 317804-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	<0.0000	1.7	0	32-116	**

Lab Batch #: 740871 **Sample:** 317804-006 DL / DL **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	7.3	1.7	429	32-116	***

Lab Batch #: 740871 **Sample:** 317804-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	24	1.7	1412	32-116	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 740871 **Sample:** 317804-007 DL / DL **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	3.5	1.7	206	32-116	***

Lab Batch #: 740871 **Sample:** 317804-008 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	130	1.6	8125	32-116	**

Lab Batch #: 740871 **Sample:** 317804-008 DL / DL **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	<0.0000	1.7	0	32-116	***

Lab Batch #: 740871 **Sample:** 519541-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	1.4	1.7	82	32-116	

Lab Batch #: 740871 **Sample:** 519541-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	1.6	1.7	94	32-116	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741691 **Sample:** 317804-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.034	0.050	68	31-115	

Lab Batch #: 741691 **Sample:** 317804-010 / DL **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.047	0.050	94	31-115	

Lab Batch #: 741691 **Sample:** 317804-010 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.022	0.050	44	31-115	

Lab Batch #: 741691 **Sample:** 317804-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.045	0.050	90	31-115	

Lab Batch #: 741691 **Sample:** 317804-012 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.0029	0.0050	58	31-115	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741691 **Sample:** 317804-013 / DL **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	1.7	2.0	85	31-115	

Lab Batch #: 741691 **Sample:** 317804-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	2.3	2.0	115	31-115	

Lab Batch #: 741691 **Sample:** 317804-014 / DL **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.27	0.25	108	31-115	

Lab Batch #: 741691 **Sample:** 317804-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.24	0.25	96	31-115	

Lab Batch #: 741691 **Sample:** 317804-015 / DL **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.052	0.050	104	31-115	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741691 **Sample:** 317804-015 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.049	0.050	98	31-115	

Lab Batch #: 741691 **Sample:** 317804-016 / DL **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.068	0.050	136	31-115	***

Lab Batch #: 741691 **Sample:** 317804-016 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.050	0.050	100	31-115	

Lab Batch #: 741691 **Sample:** 519765-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.044	0.050	88	31-115	

Lab Batch #: 741691 **Sample:** 519765-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.044	0.050	88	31-115	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 741691 **Sample:** 519765-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.051	0.050	102	31-115	

Lab Batch #: 744368 **Sample:** 317804-001 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	50	50	100	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 744368 **Sample:** 317804-002 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	49	50	98	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	51	50	102	56-126	

Lab Batch #: 744368 **Sample:** 317804-003 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	52	50	104	53-135	
4-Bromofluorobenzene	43	50	86	53-175	
Toluene-D8	50	50	100	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 744368 **Sample:** 317804-004 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	50	50	100	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 744368 **Sample:** 317804-008 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56	50	112	53-135	
4-Bromofluorobenzene	43	50	86	53-175	
Toluene-D8	48	50	96	56-126	

Lab Batch #: 744368 **Sample:** 521663-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	46	50	92	53-135	
4-Bromofluorobenzene	49	50	98	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 744368 **Sample:** 521663-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53	50	106	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	50	50	100	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 744380 **Sample:** 317804-003 / DL **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	57	50	114	53-135	
4-Bromofluorobenzene	44	50	88	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 744380 **Sample:** 317804-005 / DL **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	58	50	116	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	49	50	98	56-126	

Lab Batch #: 744380 **Sample:** 317804-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	59	50	118	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	48	50	96	56-126	

Lab Batch #: 744380 **Sample:** 317804-006 / DL **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	58	50	116	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	50	50	100	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 744380 **Sample:** 317804-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	63	50	126	53-135	
4-Bromofluorobenzene	43	50	86	53-175	
Toluene-D8	47	50	94	56-126	

Lab Batch #: 744380 **Sample:** 317804-007 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	60	50	120	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	49	50	98	56-126	

Lab Batch #: 744380 **Sample:** 317804-008 / DL **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	61	50	122	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 744380 **Sample:** 521666-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	48	50	96	53-135	
4-Bromofluorobenzene	47	50	94	53-175	
Toluene-D8	51	50	102	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 317804, **Project ID:** 08040

Lab Batch #: 744380 **Sample:** 521666-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56	50	112	53-135	
4-Bromofluorobenzene	47	50	94	53-175	
Toluene-D8	51	50	102	56-126	

Lab Batch #: 744380 **Sample:** 521666-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	<0.0000	<0.0000		53-135	**
4-Bromofluorobenzene	<0.0000	<0.0000		53-175	**
Toluene-D8	<0.0000	<0.0000		56-126	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: **Seven Out Superfund Site**

Work Order #: 317804 **Project ID:** 08040

Lab Batch #: 744832 **Sample:** 744832-1-BKS **Matrix:** Water
Date Analyzed: 12/28/2008 **Date Prepared:** 12/28/2008 **Analyst:** 4099
Reporting Units: Deg F **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

Flash Point (CC) SW-846 1010 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Flash Point	>140	81.0	80.0	99	70-140	

Lab Batch #: 741029 **Sample:** 519552-1-BKS **Matrix:** Solid
Date Analyzed: 11/20/2008 **Date Prepared:** 11/19/2008 **Analyst:** VCH
Reporting Units: ug/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

PCBs by SW846 8082 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
PCB-1016	<33	170	170	100	17-171	
PCB-1260	<33	170	140	82	33-193	

Lab Batch #: 741397 **Sample:** 519640-1-BKS **Matrix:** Water
Date Analyzed: 11/21/2008 **Date Prepared:** 11/18/2008 **Analyst:** VCH
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

PCBs by SW846 8082 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
PCB-1016	<1.0	5.0	5.5	110	30-170	
PCB-1260	<1.0	5.0	4.0	80	30-170	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317804 **Project ID:** 08040

Lab Batch #: 740679 **Sample:** 519423-1-BKS **Matrix:** Solid
Date Analyzed: 11/18/2008 **Date Prepared:** 11/17/2008 **Analyst:** WIB
Reporting Units: ug/kg **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,2,4-Trichlorobenzene	<330	1700	1000	59	37-133	
1,4-Dichlorobenzene	<330	1700	1100	65	36-134	
2,4-Dinitrotoluene	<330	1700	1100	65	40-130	
2-Chlorophenol	<330	3300	2600	79	25-140	
4-chloro-3-methylphenol	<330	3300	2700	82	28-134	
4-Nitrophenol	<670	3300	2600	79	15-113	
Acenaphthene	<330	1700	1100	65	41-134	
N-Nitrosodi-n-Propylamine	<330	1700	1400	82	53-130	
Pentachlorophenol	<670	3300	1100	33	14-111	
Phenol	<330	3300	2500	76	27-127	
Pyrene	<330	1700	960	56	24-132	

Lab Batch #: 740905 **Sample:** 519508-1-BKS **Matrix:** Water
Date Analyzed: 11/20/2008 **Date Prepared:** 11/18/2008 **Analyst:** WIB
Reporting Units: ug/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,2,4-Trichlorobenzene	<10.0	50.0	31.7	63	10-96	
1,4-Dichlorobenzene	<10.0	50.0	30.4	61	10-87	
2,4-Dinitrotoluene	<10.0	50.0	33.1	66	23-124	
2-Chlorophenol	<10.0	100	75.1	75	25-80	
4-chloro-3-methylphenol	<10.0	100	77.6	78	15-98	
4-Nitrophenol	<20.0	100	75.6	76	11-129	
Acenaphthene	<10.0	50.0	31.1	62	16-112	
N-Nitrosodi-n-Propylamine	<10.0	50.0	38.6	77	15-118	
Pentachlorophenol	<20.0	100	53.9	54	22-120	
Phenol	<10.0	100	69.9	70	12-90	
Pyrene	<10.0	50.0	29.9	60	13-130	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317804 **Project ID:** 08040

Lab Batch #: 744229 **Sample:** 521564-1-BKS **Matrix:** Water
Date Analyzed: 12/19/2008 **Date Prepared:** 12/19/2008 **Analyst:** 4124
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<1.0	50.0	54.0	108	70-130	
Benzene	<1.0	50.0	49.0	98	80-120	
Chlorobenzene	<1.0	50.0	50.0	100	80-120	
Toluene	<1.0	50.0	49.0	98	75-120	
Trichloroethene	<1.0	50.0	56.0	112	70-125	

Lab Batch #: 744475 **Sample:** 521716-1-BKS **Matrix:** Water
Date Analyzed: 12/22/2008 **Date Prepared:** 12/22/2008 **Analyst:** 4124
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<1.0	50.0	54.0	108	70-130	
Benzene	<1.0	50.0	50.0	100	80-120	
Chlorobenzene	<1.0	50.0	52.0	104	80-120	
Toluene	<1.0	50.0	51.0	102	75-120	
Trichloroethene	<1.0	50.0	51.0	102	70-125	

Lab Batch #: 743424 **Sample:** 521064-1-BKS **Matrix:** Water
Date Analyzed: 12/12/2008 **Date Prepared:** 12/12/2008 **Analyst:** ANI
Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.1	110	69-121	

Lab Batch #: 743462 **Sample:** 521088-1-BKS **Matrix:** Water
Date Analyzed: 12/14/2008 **Date Prepared:** 12/14/2008 **Analyst:** ANI
Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.1	110	69-121	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317804 **Project ID:** 08040

Lab Batch #: 743620 **Sample:** 521186-1-BKS **Matrix:** Solid
Date Analyzed: 12/15/2008 **Date Prepared:** 12/15/2008 **Analyst:** ANI
Reporting Units: mg/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<10	50	52	104	71-125	

Lab Batch #: 743625 **Sample:** 521191-1-BKS **Matrix:** Solid
Date Analyzed: 12/15/2008 **Date Prepared:** 12/15/2008 **Analyst:** ANI
Reporting Units: mg/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<10	50	46	92	71-125	

Lab Batch #: 740871 **Sample:** 519541-1-BKS **Matrix:** Solid
Date Analyzed: 11/19/2008 **Date Prepared:** 11/18/2008 **Analyst:** 4153
Reporting Units: mg/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-DRO (Diesel Range Organics)	3.3	33	33	100	14-146	

Lab Batch #: 744368 **Sample:** 521663-1-BKS **Matrix:** Solid
Date Analyzed: 12/18/2008 **Date Prepared:** 12/19/2008 **Analyst:** 4124
Reporting Units: ug/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<250	2500	1900	76	35-170	
Benzene	<250	2500	2200	88	38-158	
Chlorobenzene	<500	2500	2400	96	47-153	
Toluene	<250	2500	2300	92	50-150	
Trichloroethene	<250	2500	2400	96	50-150	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: **Seven Out Superfund Site**

Work Order #: 317804 **Project ID:** 08040

Lab Batch #: 744380 **Sample:** 521666-1-BKS **Matrix:** Solid

Date Analyzed: 12/22/2008 **Date Prepared:** 12/22/2008 **Analyst:** 4124

Reporting Units: ug/kg **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<250	2500	2700	108	35-170	
Benzene	<250	2500	2500	100	38-158	
Chlorobenzene	<500	2500	2600	104	47-153	
Toluene	<250	2500	2600	104	50-150	
Trichloroethene	<250	2500	2600	104	50-150	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317804 **Project ID:** 08040

Analyst: 4099 **Date Prepared:** 12/22/2008 **Date Analyzed:** 12/22/2008

Lab Batch ID: 744715 **Sample:** 744715-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	80.0	99	81	79.0	98	1	75-140	25	

Analyst: 4099 **Date Prepared:** 12/23/2008 **Date Analyzed:** 12/23/2008

Lab Batch ID: 744717 **Sample:** 744717-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	79	98	81	79	98	0	75-140	25	

Analyst: 4099 **Date Prepared:** 12/23/2008 **Date Analyzed:** 12/23/2008

Lab Batch ID: 744718 **Sample:** 744718-1-BKS **Batch #:** 1 **Matrix:** Water

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	80.0	99	81	80.0	99	0	70-140	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317804 **Project ID:** 08040

Analyst: 4150 **Date Prepared:** 11/18/2008 **Date Analyzed:** 11/19/2008

Lab Batch ID: 740716 **Sample:** 519464-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0020	0.0030	0.0029	97	0.003	0.0029	97	0	75-125	20	

Analyst: 4150 **Date Prepared:** 11/19/2008 **Date Analyzed:** 11/20/2008

Lab Batch ID: 740998 **Sample:** 519582-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7471A Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0500	0.5000	0.4906	98	0.5	0.4950	99	1	85-115	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317804
Project ID: 08040
Analyst: 4150
Date Prepared: 11/18/2008
Date Analyzed: 11/19/2008
Lab Batch ID: 740746
Sample: 519494-1-BKS
Batch #: 1
Matrix: Water
Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	0.957	96	1	0.956	96	0	75-125	20	
Barium	<0.050	1.00	0.981	98	1	0.979	98	0	75-125	20	
Cadmium	<0.005	1.00	0.990	99	1	0.991	99	0	75-125	20	
Chromium	<0.050	1.00	0.994	99	1	0.990	99	0	75-125	20	
Lead	<0.010	1.00	0.974	97	1	0.973	97	0	75-125	20	
Selenium	<0.010	1.00	0.965	97	1	0.971	97	1	75-125	20	
Silver	<0.050	1.00	0.944	94	1	0.943	94	0	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 317804 **Project ID:** 08040

Analyst: 4150 **Date Prepared:** 11/19/2008 **Date Analyzed:** 11/20/2008

Lab Batch ID: 740946 **Sample:** 519581-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<5.00	100	91.3	91	100	92.3	92	1	75-125	20	
Barium	<5.00	100	90.9	91	100	91.4	91	1	75-125	20	
Cadmium	<0.500	100	90.6	91	100	91.3	91	1	75-125	20	
Chromium	<5.00	100	91.9	92	100	92.5	93	1	75-125	20	
Lead	<5.00	100	89.8	90	100	90.3	90	1	75-125	20	
Selenium	<5.00	100	87.9	88	100	88.8	89	1	75-125	20	
Silver	<5.00	100	88.3	88	100	88.6	89	0	75-125	20	

Analyst: BRZ **Date Prepared:** 11/20/2008 **Date Analyzed:** 11/25/2008

Lab Batch ID: 741691 **Sample:** 519765-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	<0.30	1.0	0.83	83	1	0.95	95	13	23-168	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317804 **Project ID:** 08040

Lab Batch ID: 740716 **QC- Sample ID:** 317746-018 S **Batch #:** 1 **Matrix:** Liquid
Date Analyzed: 11/19/2008 **Date Prepared:** 11/18/2008 **Analyst:** 4150
Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0020	0.0030	0.0029	97	0.0030	0.0029	97	0	75-125	20	

Lab Batch ID: 740998 **QC- Sample ID:** 317804-001 S **Batch #:** 1 **Matrix:** Solid
Date Analyzed: 11/20/2008 **Date Prepared:** 11/19/2008 **Analyst:** 4150
Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7471A Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	0.0043	0.5000	0.4013	79	0.5000	0.4106	81	3	85-115	20	X

Lab Batch ID: 741029 **QC- Sample ID:** 317459-012 S **Batch #:** 1 **Matrix:** Solid
Date Analyzed: 11/20/2008 **Date Prepared:** 11/19/2008 **Analyst:** VCH
Reporting Units: ug/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Col	PCBs by SW846 8082 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1	PCB-1016	<33	160	180	113	160	180	113	0	17-171	30	
1	PCB-1260	<33	160	180	113	160	150	94	18	33-193	30	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317804 **Project ID:** 08040

Lab Batch ID: 741397 **QC- Sample ID:** 317746-019 S **Batch #:** 1 **Matrix:** Liquid

Date Analyzed: 11/21/2008 **Date Prepared:** 11/18/2008 **Analyst:** VCH

Reporting Units: ug/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

PCBs by SW846 8082 Col	Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
2	PCB-1016	<1.0	5.0	4.5	90	5.0	4.9	98	9	30-170	30	
2	PCB-1260	<1.0	5.0	4.3	86	5.0	4.4	88	2	30-170	30	

Lab Batch ID: 740746 **QC- Sample ID:** 317804-009 S **Batch #:** 1 **Matrix:** Liquid

Date Analyzed: 11/19/2008 **Date Prepared:** 11/18/2008 **Analyst:** 4150

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	0.961	96	1.00	0.926	93	3	75-125	20	
Barium	0.019	1.00	0.992	97	1.00	0.940	92	5	75-125	20	
Cadmium	<0.005	1.00	0.984	98	1.00	0.935	94	4	75-125	20	
Chromium	<0.050	1.00	0.978	98	1.00	0.935	94	4	75-125	20	
Lead	<0.010	1.00	0.959	96	1.00	0.911	91	5	75-125	20	
Selenium	<0.010	1.00	0.985	99	1.00	0.931	93	6	75-125	20	
Silver	<0.050	1.00	0.941	94	1.00	0.898	90	4	75-125	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317804 **Project ID:** 08040

Lab Batch ID: 740946 **QC- Sample ID:** 317804-001 S **Batch #:** 1 **Matrix:** Solid

Date Analyzed: 11/20/2008 **Date Prepared:** 11/19/2008 **Analyst:** 4150

Reporting Units: mg/kg

RCRA Metals by SW846-6010B Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	0.838	95.2	75.3	78	95.2	80.8	84	7	75-125	20	
Barium	16.9	95.2	95.6	83	95.2	98.1	85	2	75-125	20	
Cadmium	1.90	95.2	77.8	80	95.2	82.2	84	5	75-125	20	
Chromium	16.3	95.2	111	99	95.2	96.9	85	15	75-125	20	
Lead	7.68	95.2	87.4	84	95.2	86.6	83	1	75-125	20	
Selenium	<4.76	95.2	71.0	75	95.2	76.0	80	6	75-125	20	
Silver	0.362	95.2	72.0	75	95.2	73.8	77	3	75-125	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317804 **Project ID:** 08040

Lab Batch ID: 740679 **QC- Sample ID:** 317570-002 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 11/18/2008 **Date Prepared:** 11/17/2008 **Analyst:** WIB

Reporting Units: ug/kg

TCL SVOCs by SW-846 8270C Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<330	1700	780	46	1600	800	50	8	37-133	30	
1,4-Dichlorobenzene	<330	1700	770	45	1600	800	50	11	36-134	30	
2,4-Dinitrotoluene	<330	1700	920	54	1600	900	56	4	40-130	30	
2-Chlorophenol	<330	3300	1900	58	3300	2000	61	5	25-140	30	
4-chloro-3-methylphenol	<330	3300	2200	67	3300	2200	67	0	28-134	30	
4-Nitrophenol	<670	3300	2400	73	3300	2300	70	4	15-113	30	
Acenaphthene	<330	1700	820	48	1600	850	53	10	41-134	30	
N-Nitrosodi-n-Propylamine	<330	1700	1000	59	1600	1100	69	16	53-130	30	
Pentachlorophenol	<670	3300	1100	33	3300	1000	30	10	14-111	30	
Phenol	<330	3300	1800	55	3300	1900	58	5	27-127	30	
Pyrene	<330	1700	930	55	1600	840	53	4	24-132	30	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317804 **Project ID:** 08040

Lab Batch ID: 740905 **QC- Sample ID:** 317907-031 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 11/20/2008 **Date Prepared:** 11/18/2008 **Analyst:** WIB

Reporting Units: ug/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<10.0	50.0	24.1	48	50.0	17.6	35	31	10-96	30	F
1,4-Dichlorobenzene	<10.0	50.0	23.3	47	50.0	15.5	31	41	10-87	30	F
2,4-Dinitrotoluene	<10.0	50.0	27.1	54	50.0	22.2	44	20	23-124	30	
2-Chlorophenol	<10.0	100	58.5	59	100	42.0	42	34	25-80	30	F
4-chloro-3-methylphenol	<10.0	100	68.5	69	100	53.2	53	26	15-98	30	
4-Nitrophenol	<20.0	100	69.2	69	100	59.5	60	14	11-129	30	
Acenaphthene	<10.0	50.0	26.1	52	50.0	20.2	40	26	16-112	30	
N-Nitrosodi-n-Propylamine	<10.0	50.0	34.1	68	50.0	28.2	56	19	15-118	30	
Pentachlorophenol	<20.0	100	48.7	49	100	42.6	43	13	22-120	30	
Phenol	<10.0	100	54.1	54	100	41.2	41	27	12-90	30	
Pyrene	<10.0	50.0	24.2	48	50.0	18.3	37	26	13-130	30	

Lab Batch ID: 743424 **QC- Sample ID:** 318116-011 S **Batch #:** 1 **Matrix:** Liquid

Date Analyzed: 12/12/2008 **Date Prepared:** 12/12/2008 **Analyst:** ANI

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.1	110	1.0	1.0	100	10	69-121	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 317804 **Project ID:** 08040

Lab Batch ID: 743462 **QC- Sample ID:** 320267-001 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 12/15/2008 **Date Prepared:** 12/14/2008 **Analyst:** ANI
Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.0	100	1.0	0.92	92	8	69-121	25	

Lab Batch ID: 743620 **QC- Sample ID:** 320319-002 S **Batch #:** 1 **Matrix:** Soil
Date Analyzed: 12/15/2008 **Date Prepared:** 12/15/2008 **Analyst:** ANI
Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<12	59	58	98	59	57	97	1	71-125	25	

Lab Batch ID: 740871 **QC- Sample ID:** 317570-004 S **Batch #:** 1 **Matrix:** Soil
Date Analyzed: 11/20/2008 **Date Prepared:** 11/18/2008 **Analyst:** 4153
Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	7.4	33	35	84	33	38	93	10	14-146	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317804

Lab Batch #: 744717 **Project ID:** 08040
Date Analyzed: 12/23/2008 **Date Prepared:** 12/23/2008 **Analyst:** 4099
QC- Sample ID: 317804-008 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140	>140	NC	25	

Lab Batch #: 744718
Date Analyzed: 12/23/2008 **Date Prepared:** 12/23/2008 **Analyst:** 4099
QC- Sample ID: 317804-009 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140	>140	NC	25	

Lab Batch #: 744832
Date Analyzed: 12/28/2008 **Date Prepared:** 12/28/2008 **Analyst:** 4099
QC- Sample ID: 318164-001 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140.0	>140.0	NC	25	

Lab Batch #: 740716
Date Analyzed: 11/19/2008 **Date Prepared:** 11/18/2008 **Analyst:** 4150
QC- Sample ID: 317746-018 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY

Mercury by SW-846 7470A Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Mercury	<0.0020	<0.0020	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317804

Lab Batch #: 740998 **Project ID:** 08040
Date Analyzed: 11/20/2008 **Date Prepared:** 11/19/2008 **Analyst:** 4150
QC- Sample ID: 317804-001 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY

Mercury by SW-846 7471A Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Mercury	0.0043	0.0055	24	20	F

Lab Batch #: 740746
Date Analyzed: 11/19/2008 **Date Prepared:** 11/18/2008 **Analyst:** 4150
QC- Sample ID: 317804-009 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY

RCRA Metals by SW846-6010B Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Arsenic	<0.010	<0.010	NC	20	
Barium	0.019	0.018	5	20	
Cadmium	<0.005	<0.005	NC	20	
Chromium	<0.050	0.001	NC	20	
Lead	<0.010	<0.010	NC	20	
Selenium	<0.010	<0.010	NC	20	
Silver	<0.050	<0.050	NC	20	

Lab Batch #: 740946
Date Analyzed: 11/20/2008 **Date Prepared:** 11/19/2008 **Analyst:** 4150
QC- Sample ID: 317804-001 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY

RCRA Metals by SW846-6010B Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Arsenic	0.838	<4.76	NC	20	
Barium	16.9	14.0	19	20	
Cadmium	1.90	1.77	7	20	
Chromium	16.3	16.8	3	20	
Lead	7.68	7.14	7	20	
Selenium	<4.76	<4.76	NC	20	
Silver	0.362	0.533	38	20	F

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317804

Lab Batch #: 740454 **Project ID:** 08040
Date Analyzed: 11/17/2008 **Date Prepared:** 11/17/2008 **Analyst:** 4099
QC- Sample ID: 317804-001 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: SU

SAMPLE / SAMPLE DUPLICATE RECOVERY

Soil pH by EPA 9045C Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	9.00	9.00	0	20	

Lab Batch #: 741934
Date Analyzed: 12/01/2008 **Date Prepared:** 12/01/2008 **Analyst:** 4154
QC- Sample ID: 317746-015 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: SU

SAMPLE / SAMPLE DUPLICATE RECOVERY

Soil pH by EPA 9045C Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	9.20	9.10	1	20	

Lab Batch #: 743625
Date Analyzed: 12/15/2008 **Date Prepared:** 12/15/2008 **Analyst:** ANI
QC- Sample ID: 317804-006 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY

TPH (Gasoline Range Organics) by SW8015B Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	46	46	0	25	

Lab Batch #: 740455
Date Analyzed: 11/17/2008 **Date Prepared:** 11/17/2008 **Analyst:** 4099
QC- Sample ID: 317804-009 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: SU

SAMPLE / SAMPLE DUPLICATE RECOVERY

pH by EPA 9040 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	6.00	6.00	0	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 317804

Lab Batch #: 741935 **Project ID:** 08040

Date Analyzed: 12/01/2008 **Date Prepared:** 12/01/2008 **Analyst:** 4154

QC- Sample ID: 317804-011 D **Batch #:** 1 **Matrix:** Liquid

Reporting Units: SU

pH by EPA 9040 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	4.80	4.90	2	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519423-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519423-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-18-08 16:50 Analyst: WIB Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	330	59	ug/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	330	54	ug/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	330	53	ug/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	330	52	ug/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	330	61	ug/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	330	64	ug/kg	U	1
2,4-Dichlorophenol	120-83-2	U	330	42	ug/kg	U	1
2,4-Dimethylphenol	105-67-9	U	330	61	ug/kg	U	1
2,4-Dinitrophenol	51-28-5	U	670	54	ug/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	330	54	ug/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	330	43	ug/kg	U	1
2-Chloronaphthalene	91-58-7	U	330	61	ug/kg	U	1
2-Chlorophenol	95-57-8	U	330	60	ug/kg	U	1
2-Methylnaphthalene	91-57-6	U	330	51	ug/kg	U	1
2-methylphenol	95-48-7	U	330	47	ug/kg	U	1
2-Nitroaniline	88-74-4	U	670	45	ug/kg	U	1
2-Nitrophenol	88-75-5	U	330	42	ug/kg	U	1
3&4-Methylphenol		U	670	99	ug/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	670	49	ug/kg	U	1
3-Nitroaniline	99-09-2	U	670	46	ug/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	670	58	ug/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	330	57	ug/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	330	48	ug/kg	U	1
4-Chloroaniline	106-47-8	U	330	55	ug/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	330	63	ug/kg	U	1
4-Nitroaniline	100-01-6	U	670	51	ug/kg	U	1
4-Nitrophenol	100-02-7	U	670	41	ug/kg	U	1
Acenaphthene	83-32-9	U	330	47	ug/kg	U	1
Acenaphthylene	208-96-8	U	330	57	ug/kg	U	1
Anthracene	120-12-7	U	330	49	ug/kg	U	1
Benzo(a)anthracene	56-55-3	U	330	54	ug/kg	U	1
Benzo(a)pyrene	50-32-8	U	330	49	ug/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	330	54	ug/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	330	55	ug/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	330	57	ug/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	330	40	ug/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	330	47	ug/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	330	54	ug/kg	U	1
Benzyl Butyl Phthalate	85-68-7	U	330	50	ug/kg	U	1
Carbazole	86-74-8	U	330	57	ug/kg	U	1
Chrysene	218-01-9	U	330	44	ug/kg	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519423-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519423-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3545

Date Analyzed: Nov-18-08 16:50 Analyst: WIB Date Prep: Nov-17-08 18:00 Tech: 4155
Seq Number: 740679

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)anthracene	53-70-3	U	330	65	ug/kg	U	1
Dibenzofuran	132-64-9	U	330	43	ug/kg	U	1
Diethyl Phthalate	84-66-2	U	330	54	ug/kg	U	1
Dimethyl Phthalate	131-11-3	U	330	50	ug/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	330	61	ug/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	330	55	ug/kg	U	1
Fluoranthene	206-44-0	U	330	43	ug/kg	U	1
Fluorene	86-73-7	U	330	41	ug/kg	U	1
Hexachlorobenzene	118-74-1	U	330	56	ug/kg	U	1
Hexachlorobutadiene	87-68-3	U	330	37	ug/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	330	57	ug/kg	U	1
Hexachloroethane	67-72-1	U	330	52	ug/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	330	61	ug/kg	U	1
Isophorone	78-59-1	U	330	34	ug/kg	U	1
Naphthalene	91-20-3	U	330	53	ug/kg	U	1
Nitrobenzene	98-95-3	U	330	59	ug/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	330	48	ug/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	330	70	ug/kg	U	1
Pentachlorophenol	87-86-5	U	670	60	ug/kg	U	1
Phenanthrene	85-01-8	U	330	55	ug/kg	U	1
Phenol	108-95-2	U	330	47	ug/kg	U	1
Pyrene	129-00-0	U	330	57	ug/kg	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519464-1-BLK** Matrix: **WATER**
Lab Sample Id: **519464-1-BLK**

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-19-08 13:06 Analyst: 4150 Date Prep: Nov-18-08 12:52 Tech: ABA
Seq Number: 740716

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519494-1-BLK** Matrix: **WATER**
Lab Sample Id: **519494-1-BLK**

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-19-08 15:15 Analyst: 4150 Date Prep: Nov-18-08 16:37 Tech: ABA
Seq Number: 740746

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519508-1-BLK** Matrix: **WATER**
Lab Sample Id: **519508-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 17:19 Analyst: WIB Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519508-1-BLK** Matrix: **WATER**
Lab Sample Id: **519508-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-20-08 17:19 Analyst: WIB Date Prep: Nov-18-08 16:00 Tech: 5458
Seq Number: 740905

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519541-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519541-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3545

Date Analyzed: Nov-19-08 23:30 Analyst: 4153 Date Prep: Nov-18-08 10:00 Tech: 4155
Seq Number: 740871

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	3.3	10	1.1	mg/kg		1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519552-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519552-1-BLK**

Analytical Method: PCBs by SW846 8082 Prep Method: SW3545

Date Analyzed: Nov-20-08 15:48 Analyst: VCH Date Prep: Nov-19-08 09:00 Tech: 4155
Seq Number: 741029

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	33	3.7	ug/kg	U	1
PCB-1221	11104-28-2	U	33	3.5	ug/kg	U	1
PCB-1232	11141-16-5	U	33	3.4	ug/kg	U	1
PCB-1242	53469-21-9	U	33	3.7	ug/kg	U	1
PCB-1248	12672-29-6	U	33	3.5	ug/kg	U	1
PCB-1254	11097-69-1	U	33	3.8	ug/kg	U	1
PCB-1260	11096-82-5	U	33	4.2	ug/kg	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519581-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519581-1-BLK**

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-20-08 13:38 Analyst: 4150 Date Prep: Nov-19-08 14:18 Tech: ABA
Seq Number: 740946

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	5.00	0.617	mg/kg	U	1
Barium	7440-39-3	U	5.00	0.153	mg/kg	U	1
Cadmium	7440-43-9	U	0.500	0.021	mg/kg	U	1
Chromium	7440-47-3	U	5.00	0.096	mg/kg	U	1
Lead	7439-92-1	U	5.00	0.300	mg/kg	U	1
Selenium	7782-49-2	U	5.00	0.956	mg/kg	U	1
Silver	7440-22-4	U	5.00	0.047	mg/kg	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519582-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519582-1-BLK**

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-20-08 18:18 Analyst: 4150 Date Prep: Nov-19-08 14:22 Tech: ABA
Seq Number: 740998

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519640-1-BLK** Matrix: **WATER**
Lab Sample Id: **519640-1-BLK**

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-21-08 02:03 Analyst: VCH Date Prep: Nov-18-08 11:30 Tech: 4118
Seq Number: 741397

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519765-1-BLK** Matrix: **WATER**
Lab Sample Id: **519765-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 00:50 Analyst: BRZ Date Prep: Nov-20-08 15:30 Tech: 5458
Seq Number: 741691

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	U	0.30	0.026	mg/L	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521064-1-BLK** Matrix: **WATER**
Lab Sample Id: **521064-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 09:33 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743424

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521088-1-BLK** Matrix: **WATER**
Lab Sample Id: **521088-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-14-08 18:03 Analyst: ANI Date Prep: Dec-14-08 16:31 Tech: ANI
Seq Number: 743462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521186-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521186-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 10:34 Analyst: ANI Date Prep: Dec-15-08 09:03 Tech: ANI
Seq Number: 743620

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	10	1.5	mg/kg	U	50

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521191-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521191-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 19:46 Analyst: ANI Date Prep: Dec-15-08 18:14 Tech: ANI
Seq Number: 743625

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	10	1.5	mg/kg	U	50

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521564-1-BLK** Matrix: **WATER**
Lab Sample Id: **521564-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 12:05 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.0	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.0	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.0	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.0	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.0	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.0	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.0	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.0	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.0	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.0	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.0	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.0	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.0	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.0	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.0	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.0	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.0	0.26	ug/L	U	1
Acetone	67-64-1	U	2.0	0.35	ug/L	U	1
Benzene	71-43-2	U	1.0	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.0	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.0	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.0	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.0	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.0	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.0	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.0	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.0	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.0	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.0	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.0	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.0	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.0	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.0	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.0	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.0	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.0	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.0	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.0	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.0	0.11	ug/L	U	1
Methylene chloride	75-09-2	U	1.0	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.0	0.20	ug/L	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521564-1-BLK** Matrix: **WATER**
Lab Sample Id: **521564-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 12:05 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	1.0	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.0	0.16	ug/L	U	1
Toluene	108-88-3	U	1.0	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.0	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.0	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.0	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.0	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.0	0.19	ug/L	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521663-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521663-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-18-08 20:38 Analyst: 4124 Date Prep: Dec-19-08 17:25 Tech: 4124
Seq Number: 744368

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	38	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	59	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	56	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	34	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	40	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	58	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	44	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	81	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	43	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	65	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	30	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	50	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	460	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	56	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	U	2500	340	ug/kg	U	50
Benzene	71-43-2	U	250	26	ug/kg	U	50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	48	ug/kg	U	50
Bromomethane	74-83-9	U	250	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	250	73	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	37	ug/kg	U	50
Chlorobenzene	108-90-7	U	500	29	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	37	ug/kg	U	50
Chloromethane	74-87-3	U	250	120	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	27	ug/kg	U	50
Cyclohexane	110-82-7	U	250	47	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	50	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	59	ug/kg	U	50
Ethylbenzene	100-41-4	U	250	28	ug/kg	U	50
Isopropylbenzene	98-82-8	U	250	38	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	500	60	ug/kg	U	50
Methyl acetate	79-20-9	U	250	47	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	35	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	55	ug/kg	U	50
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
o-Xylene	95-47-6	U	250	36	ug/kg	U	50

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521663-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521663-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-18-08 20:38 Analyst: 4124 Date Prep: Dec-19-08 17:25 Tech: 4124
Seq Number: 744368

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	250	37	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	52	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	39	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	34	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	180	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	100	ug/kg	U	50

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521666-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521666-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 10:00 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	38	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	59	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	56	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	34	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	40	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	58	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	44	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	81	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	43	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	65	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	30	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	50	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	460	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	56	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	U	2500	340	ug/kg	U	50
Benzene	71-43-2	U	250	26	ug/kg	U	50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	48	ug/kg	U	50
Bromomethane	74-83-9	U	250	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	250	73	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	37	ug/kg	U	50
Chlorobenzene	108-90-7	U	500	29	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	37	ug/kg	U	50
Chloromethane	74-87-3	U	250	120	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	27	ug/kg	U	50
Cyclohexane	110-82-7	U	250	47	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	50	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	59	ug/kg	U	50
Ethylbenzene	100-41-4	U	250	28	ug/kg	U	50
Isopropylbenzene	98-82-8	U	250	38	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	500	60	ug/kg	U	50
Methyl acetate	79-20-9	U	250	47	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	35	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	55	ug/kg	U	50
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
o-Xylene	95-47-6	U	250	36	ug/kg	U	50

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521666-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521666-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 10:00 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	250	37	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	52	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	39	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	34	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	180	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	100	ug/kg	U	50

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521716-1-BLK** Matrix: **WATER**
Lab Sample Id: **521716-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 10:00 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744475

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.0	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.0	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.0	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.0	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.0	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.0	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.0	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.0	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.0	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.0	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.0	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.0	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.0	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.0	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.0	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.0	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.0	0.26	ug/L	U	1
Acetone	67-64-1	U	2.0	0.35	ug/L	U	1
Benzene	71-43-2	U	1.0	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.0	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.0	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.0	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.0	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.0	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.0	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.0	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.0	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.0	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.0	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.0	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.0	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.0	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.0	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.0	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.0	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.0	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.0	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.0	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.0	0.11	ug/L	U	1
Methylene chloride	75-09-2	U	1.0	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.0	0.20	ug/L	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521716-1-BLK** Matrix: **WATER**
Lab Sample Id: **521716-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 10:00 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744475

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	1.0	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.0	0.16	ug/L	U	1
Toluene	108-88-3	U	1.0	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.0	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.0	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.0	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.0	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.0	0.19	ug/L	U	1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **744715-1-BLK** Matrix: **SOLID**
Lab Sample Id: **744715-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-22-08 13:50 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744715

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	75.0	N/A	Deg F		1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **744717-1-BLK** Matrix: **SOLID**
Lab Sample Id: **744717-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 13:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744717

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **744718-1-BLK** Matrix: **WATER**
Lab Sample Id: **744718-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Blank Summary 317804

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **744832-1-BLK** Matrix: **WATER**
Lab Sample Id: **744832-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-28-08 23:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744832

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140.0	65.0	N/A	Deg F		1

XENCO Laboratories

☐ 5757 N.W. 158th Street, Miami Lakes, Fl 33014 305-823-8500
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 223257

Company-City: Winter Environmental
Phone: 404 588 3300
Lab Only: WO# 317804
Proj Name-Location: Seven Out Superfund Site ☐ Previously done at XENCO
Project ID: 08040
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL ,GA, LA, MS, NC, NJ, PA, SC, TN, TX , UT Other
Proj. Manager (PM): Brent Sasser
Fax Results to ☐ PM or e-mail to: BSasser@winter-environmental.com Fax No:
Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☒ Invoice must have a P.O Bill to: 08040
Quote/Pricing: P.O No: 08040 ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)
LPST No.:
Sampler Name: Joe King Signature:

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs BTEX-MTBE VOHs VOAs PP TCL Appdx 2	Method: 8260 8021 624 524	PAHs: 8270 8100 8310 8270_SIM	TRPH by FL PRO DRO GRO MA EPH MA VPH	SVOCs 8270 625 - (BN&AE) (TCL) (PP) (Appdx 2)	Pest. (8081 / 608) PCBs 8082 / 608) Herb. (8151 / 615)	EDB / DBCP (8011 / 504)	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	Metals Methods: 6020 / 6010 / 200.8 / 7470 / 7471	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	FL Preburn: Virgin Non-Virgin	pH Ignitability	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	Remarks: TCLP HOLD	Addn:	
1	RW-1(S)	11-13-08	1410		SW			3				X			X	X	X		X		X		X X							X	1
2	RW-2(S)	11-13-08	1620		SW			3				X			X	X	X		X		X		X X							X	2
3	DP-1	11-14-08	0905		SW			3				X			X	X	X		X		X		X X							X	3
4	DP-2	11-14-08	0750		SW			3				X			X	X	X		X		X		X X							X	4
5	DUP 040508	11-14-08			SW			3				X			X	X	X		X												5
6	SH-1-4	11-14-08	1120		SW			3				X			X	X	X		X		X		X X							X	6
7	SH-3	11-14-08	1800		SW			3				X			X	X	X		X		X		X X							X	7
8	SH-2	11-14-08	1340		SW			3				X			X	X	X		X		X		X X							X	8
9																															9
10																															10

	Relinquished by (Initials and Sign)	Date & Time		Relinquished to (Initials and Sign)	Date & Time
1	1) GTM	11-15-08 1726		2) Darlo Lagunas	11-15-08 9:30
2	3)			4)	
3	5)			6)	

Total Containers per COC: 104 Cooler Temp: 19°C

All XENCO Standard Terms and Conditions Apply.

Rush Charges are Pre-Approved upon Requesting them.

From: Rcv by: Date Addn:

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____

Matrix: Air (A), Product (P), Solid(S), Water (W) solid waste (SW)

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XENCO Laboratories

☐ 5757 N.W. 158th Street, Miami Lakes, Fl 33014 305-823-8500
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

☐ Philadephia/New Jersey 610-955-5649

Serial #: 223273 Page 2 of 2

Company-City: Winter Environmental **Phone:** 404 588 3300

Lab Only: WO# 317804

Proj Name-Location ☐ Previously done at XENCO: Seven Out Superfund Site **Project ID:** 08040

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL ,GA, LA, MS, NC, NJ, PA, SC, TN, TX , UT Other **Proj. Manager (PM):** BSasser

Fax Results to ☐ PM or **e-mail to:** BSasser@winter-environmental.com **Fax No:**

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☒ Invoice must have a P.O Bill to: Brent Sasser

Quote/Pricing: **P.O No:** 08040 ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

LPST No.:

Sampler Name: Joe King Signature:

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	BTEX-MTBE VOCs	VOHs VOAs PP TCL Appdx 2	Method: 8260 8021 624 524	PAHs: 8270 8100 8310 8270_SIM	TRPH by FL PRO DRO GRO MA EPH MA VPH	SVOCs 8270 625 - (BN&AE) (TCL) (PP) (Appdx 2)	Pest. (8081 / 608) PCBs (8082 / 608) Herb. (8151 / 615)	EDB / DBCP (8011 / 504)	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	Metals Methods: 6020 / 6010 / 200.8 / 7470 / 7471	SPLP TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	FL Preburn: Virgin Non-Virgin	OH Hazardability	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	Remarks: HOLD TCLP	Addn:	
1	Stormwater-1	11-13-08	1545		L			7				X				X	X	X		X			X	X								1
2	RW-2	11-13-08	1546		L			11				X				X	X	X		X		X	X	X						X		2
3	RBLK 403 08	11-14-08	0815		L			7				X				X	X	X		X												3
4	DP-2	11-14-08	0726		L			11				X				X	X	X		X		X	X	X						X		4
5	DP-1	11-14-08	0835		L			11				X				X	X	X		X		X	X	X						X		5
6	SH-4	11-14-08	1035		L			11				X				X	X	X		X		X	X	X						X		6
7	SH-3	11-14-08	1235		L			11				X				X	X	X		X		X	X	X						X		7
8	SH-2	11-14-08	1315		L			11				X				X	X	X		X		X	X	X						X		8
9																																9
10																																10

	Relinquished by (Initials and Sign)	Date & Time			Relinquished to (Initials and Sign)	Date & Time
1	1) GTM	11-15-08	926	2)	Mario Lagunas	11-15-08 9:30
2	3)			4)		
3	5)			6)		

Total Containers per COC: 104 Cooler Temp: 19°C

All XENCO Standard Terms and Conditions Apply.

Rush Charges are Pre-Approved upon Requesting them.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____

Matrix: Air (A), Product (P), Solid(S), Water (W) Liquid (L)

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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Winter Environmental.

Date/ Time: 11-15-08 09:30

Lab ID # : 317804

Initials: DL

Sample Receipt Checklist

#1	Temperature of cooler?			19	°C
#2	Shipping container in good condition?	YES	No	None	
#3	Samples received on ice?	YES	No	N/A	Blue/Water
#4	Custody Seals intact on shipping container/ cooler?	Yes	No	N/A	
#5	Custody Seals intact on sample bottles/ container?	Yes	No	N/A	
#6	Chain of Custody present?	YES	No		
#7	Sample instructions complete of Chain of Custody?	YES	No		
#8	Any missing/extra samples?	Yes	NO		
#9	Chain of Custody signed when relinquished/ received?	YES	No		
#10	Chain of Custody agrees with sample label(s)?	YES	No		
#11	Container label(s) legible and intact?	YES	No		
#12	Sample matrix/ properties agree with Chain of Custody?	YES	No		
#13	Samples in proper container/ bottle?	YES	No		
#14	Samples properly preserved?	YES	No	N/A	
#15	Sample container(s) intact?	YES	No		
#16	Sufficient sample amount for indicated test(s)?	YES	No		
#17	All samples received within sufficient hold time?	YES	No		
#18	Subcontract of sample(s)?	Yes	NO		
#19	VOC samples have zero headspace?	YES	No	N/A	

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken:

Check all that Apply:

- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

Analytical Report 318116

for

Winter Environmental

Project Manager: Brent Sasser

Seven Out Superfund Site

08040

30-DEC-08

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Texas certification numbers:
Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers:
Norcross(Atlanta), GA 98015

North Carolina certification numbers:
Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta

30-DEC-08

Project Manager: **Brent Sasser**
Winter Environmental
3350 Green Pointe Parkway
Norcross, GA 30092

Reference: XENCO Report No: **318116**
Seven Out Superfund Site
Project Address: Waycross, GA

Brent Sasser:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 318116. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 318116 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

Sample Cross Reference 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
RBLK 40408	W	Nov-17-08 11:30		318116-001
CD-3	L	Nov-17-08 12:00		318116-002
CD-3(S)	S	Nov-17-08 12:45		318116-003
CD-2(S)	S	Nov-17-08 13:55		318116-004
CD-1(S)	S	Nov-17-08 14:45		318116-005
DAF	L	Nov-17-08 15:10		318116-006
DAF-2	L	Nov-17-08 15:40		318116-007
T-1	L	Nov-17-08 16:15		318116-008
DAF-2(S)	S	Nov-17-08 16:00		318116-009
RBLK 40508	W	Nov-18-08 07:25		318116-010
T-2	L	Nov-18-08 08:20		318116-011
T-2(S)	S	Nov-18-08 08:40		318116-012
T-7	L	Nov-18-08 09:40		318116-013
DUP 40608	L	Nov-18-08 00:00		318116-014
T-15	L	Nov-18-08 10:00		318116-015

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40408** Matrix: **WATER** % Moisture:
Lab Sample Id: **318116-001** Date Collected: **Nov-17-08 11:30** Date Received: **Nov-19-08 09:55**

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 16:05 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 08:49 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.0010	0.0002	mg/L	U	1
PCB-1221	11104-28-2	U	0.0010	0.0002	mg/L	U	1
PCB-1232	11141-16-5	U	0.0010	0.0002	mg/L	U	1
PCB-1242	53469-21-9	U	0.0010	0.0001	mg/L	U	1
PCB-1248	12672-29-6	U	0.0010	0.0002	mg/L	U	1
PCB-1254	11097-69-1	U	0.0010	0.0002	mg/L	U	1
PCB-1260	11096-82-5	U	0.0010	0.0002	mg/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:10 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40408** Matrix: **WATER** % Moisture:
Lab Sample Id: **318116-001** Date Collected: **Nov-17-08 11:30** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 17:28 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	5.00	0.715	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	5.00	0.915	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	5.00	1.06	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	5.00	0.805	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	5.00	1.31	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	5.00	0.820	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	5.00	0.890	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	5.00	0.815	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	10.0	3.56	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	5.00	1.07	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	5.00	1.36	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	5.00	0.645	ug/L	U	1
2-Chlorophenol	95-57-8	U	5.00	0.915	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	5.00	0.595	ug/L	U	1
2-methylphenol	95-48-7	U	5.00	1.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	10.0	1.18	ug/L	U	1
2-Nitrophenol	88-75-5	U	5.00	0.975	ug/L	U	1
3&4-Methylphenol		U	10.0	1.28	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	10.0	1.94	ug/L	U	1
3-Nitroaniline	99-09-2	U	10.0	1.38	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	10.0	0.700	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	5.00	1.06	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	5.00	1.09	ug/L	U	1
4-Chloroaniline	106-47-8	U	5.00	1.55	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	5.00	0.675	ug/L	U	1
4-Nitroaniline	100-01-6	U	10.0	1.60	ug/L	U	1
4-Nitrophenol	100-02-7	U	10.0	1.21	ug/L	U	1
Acenaphthene	83-32-9	U	5.00	0.715	ug/L	U	1
Acenaphthylene	208-96-8	U	5.00	0.740	ug/L	U	1
Anthracene	120-12-7	U	5.00	1.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	5.00	0.950	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	5.00	0.900	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	5.00	0.985	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	5.00	0.985	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	5.00	1.36	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	5.00	0.625	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	5.00	0.890	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	5.00	0.600	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	5.00	0.910	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40408**	Matrix: **WATER**	% Moisture:
Lab Sample Id: **318116-001**	Date Collected: **Nov-17-08 11:30**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 17:28 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458

Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	5.00	0.910	ug/L	U	1
Chrysene	218-01-9	U	5.00	1.05	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	5.00	0.915	ug/L	U	1
Dibenzofuran	132-64-9	U	5.00	0.820	ug/L	U	1
Diethyl Phthalate	84-66-2	U	5.00	0.950	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	5.00	0.985	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	5.00	1.04	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	5.00	0.690	ug/L	U	1
Fluoranthene	206-44-0	U	5.00	0.905	ug/L	U	1
Fluorene	86-73-7	U	5.00	0.780	ug/L	U	1
Hexachlorobenzene	118-74-1	U	5.00	1.11	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	5.00	0.890	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	5.00	0.935	ug/L	U	1
Hexachloroethane	67-72-1	U	5.00	1.19	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	5.00	0.935	ug/L	U	1
Isophorone	78-59-1	U	5.00	0.705	ug/L	U	1
Naphthalene	91-20-3	U	5.00	0.760	ug/L	U	1
Nitrobenzene	98-95-3	U	5.00	0.745	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	5.00	0.680	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	5.00	1.25	ug/L	U	1
Pentachlorophenol	87-86-5	U	10.0	1.13	ug/L	U	1
Phenanthrene	85-01-8	U	5.00	1.02	ug/L	U	1
Phenol	108-95-2	U	5.00	0.880	ug/L	U	1
Pyrene	129-00-0	U	5.00	1.20	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40408** Matrix: **WATER** % Moisture:
Lab Sample Id: **318116-001** Date Collected: **Nov-17-08 11:30** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 21:21 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40408** Matrix: **WATER** % Moisture:
Lab Sample Id: **318116-001** Date Collected: **Nov-17-08 11:30** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 21:21 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 10:34 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743424

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 09:29 Analyst: BRZ Date Prep: Nov-21-08 15:30 Tech: 5458
Seq Number: 741604

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	U	0.30	0.026	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-3**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-002**	Date Collected: **Nov-17-08 12:00**	Date Received: **Nov-19-08 09:55**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-24-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741488

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 16:18 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 09:13 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.0010	0.0002	mg/L	U	1
PCB-1221	11104-28-2	U	0.0010	0.0002	mg/L	U	1
PCB-1232	11141-16-5	U	0.0010	0.0002	mg/L	U	1
PCB-1242	53469-21-9	U	0.0010	0.0001	mg/L	U	1
PCB-1248	12672-29-6	U	0.0010	0.0002	mg/L	U	1
PCB-1254	11097-69-1	U	0.0010	0.0002	mg/L	U	1
PCB-1260	11096-82-5	U	0.0010	0.0002	mg/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:11 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.025	0.010	0.007	mg/L		1
Barium	7440-39-3	0.054	0.050	0.002	mg/L		1
Cadmium	7440-43-9	0.017	0.005	0.001	mg/L		1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	0.027	0.010	0.002	mg/L		1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-3** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-002** Date Collected: **Nov-17-08 12:00** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 17:56 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	50.0	7.15	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	50.0	9.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	50.0	10.6	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	50.0	8.05	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	50.0	13.1	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	50.0	8.20	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	50.0	8.90	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	50.0	8.15	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	100	35.6	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	50.0	10.7	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	50.0	13.6	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	50.0	6.45	ug/L	U	1
2-Chlorophenol	95-57-8	U	50.0	9.15	ug/L	U	1
2-Methylnaphthalene	91-57-6	66.3	50.0	5.95	ug/L		1
2-methylphenol	95-48-7	U	50.0	10.0	ug/L	U	1
2-Nitroaniline	88-74-4	U	100	11.8	ug/L	U	1
2-Nitrophenol	88-75-5	U	50.0	9.75	ug/L	U	1
3&4-Methylphenol		U	100	12.8	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	100	19.4	ug/L	U	1
3-Nitroaniline	99-09-2	U	100	13.8	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	100	7.00	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	50.0	10.6	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	50.0	10.9	ug/L	U	1
4-Chloroaniline	106-47-8	U	50.0	15.5	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	50.0	6.75	ug/L	U	1
4-Nitroaniline	100-01-6	U	100	16.0	ug/L	U	1
4-Nitrophenol	100-02-7	U	100	12.1	ug/L	U	1
Acenaphthene	83-32-9	U	50.0	7.15	ug/L	U	1
Acenaphthylene	208-96-8	U	50.0	7.40	ug/L	U	1
Anthracene	120-12-7	U	50.0	10.1	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	50.0	9.50	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	50.0	9.00	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	50.0	9.85	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	50.0	9.85	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	50.0	13.6	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	50.0	6.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	50.0	8.90	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	50.0	6.00	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	50.0	9.10	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-3**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-002**	Date Collected: **Nov-17-08 12:00**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 17:56 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458

Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	50.0	9.10	ug/L	U	1
Chrysene	218-01-9	U	50.0	10.5	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	50.0	9.15	ug/L	U	1
Dibenzofuran	132-64-9	U	50.0	8.20	ug/L	U	1
Diethyl Phthalate	84-66-2	U	50.0	9.50	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	50.0	9.85	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	50.0	10.4	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	50.0	6.90	ug/L	U	1
Fluoranthene	206-44-0	U	50.0	9.05	ug/L	U	1
Fluorene	86-73-7	U	50.0	7.80	ug/L	U	1
Hexachlorobenzene	118-74-1	U	50.0	11.1	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	50.0	8.90	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	50.0	9.35	ug/L	U	1
Hexachloroethane	67-72-1	U	50.0	11.9	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	50.0	9.35	ug/L	U	1
Isophorone	78-59-1	U	50.0	7.05	ug/L	U	1
Naphthalene	91-20-3	U	50.0	7.60	ug/L	U	1
Nitrobenzene	98-95-3	U	50.0	7.45	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	50.0	6.80	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	50.0	12.5	ug/L	U	1
Pentachlorophenol	87-86-5	U	100	11.3	ug/L	U	1
Phenanthrene	85-01-8	U	50.0	10.2	ug/L	U	1
Phenol	108-95-2	96.2	50.0	8.80	ug/L		1
Pyrene	129-00-0	U	50.0	12.0	ug/L	U	1

Project: Xenco-Atlanta Master Project

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Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-3** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-002** Date Collected: **Nov-17-08 12:00** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 16:40 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	20.0	3.2	ug/L	U	20
1,1,2,2-Tetrachloroethane	79-34-5	U	20.0	3.6	ug/L	U	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	20.0	2.2	ug/L	U	20
1,1,2-Trichloroethane	79-00-5	U	20.0	5.0	ug/L	U	20
1,1-Dichloroethane	75-34-3	U	20.0	2.2	ug/L	U	20
1,1-Dichloroethene	75-35-4	U	20.0	4.0	ug/L	U	20
1,2,4-Trichlorobenzene	120-82-1	U	20.0	3.4	ug/L	U	20
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	20.0	3.8	ug/L	U	20
1,2-Dibromoethane (EDB)	106-93-4	U	20.0	3.6	ug/L	U	20
1,2-Dichlorobenzene	95-50-1	U	20.0	2.8	ug/L	U	20
1,2-Dichloroethane	107-06-2	U	20.0	3.6	ug/L	U	20
1,2-Dichloropropane	78-87-5	U	20.0	3.0	ug/L	U	20
1,3-Dichlorobenzene	541-73-1	U	20.0	3.4	ug/L	U	20
1,4-Dichlorobenzene	106-46-7	U	20.0	3.4	ug/L	U	20
2-Butanone (MEK)	78-93-3	U	40.0	5.6	ug/L	U	20
2-Hexanone	591-78-6	U	40.0	6.4	ug/L	U	20
4-Methyl-2-pentanone (MIBK)	108-10-1	U	40.0	5.2	ug/L	U	20
Acetone	67-64-1	5100	40.0	7.0	ug/L		20
Benzene	71-43-2	U	20.0	3.2	ug/L	U	20
Bromodichloromethane	75-27-4	U	20.0	5.0	ug/L	U	20
Bromoform	75-25-2	U	20.0	3.4	ug/L	U	20
Bromomethane	74-83-9	U	20.0	5.0	ug/L	U	20
Carbon disulfide	75-15-0	U	20.0	5.2	ug/L	U	20
Carbon tetrachloride	56-23-5	U	20.0	6.6	ug/L	U	20
Chlorobenzene	108-90-7	U	20.0	3.0	ug/L	U	20
Chloroethane	75-00-3	U	20.0	5.2	ug/L	U	20
Chloroform	67-66-3	U	20.0	3.2	ug/L	U	20
Chloromethane	74-87-3	U	20.0	5.0	ug/L	U	20
cis-1,2-Dichloroethene	156-59-2	U	20.0	4.2	ug/L	U	20
cis-1,3-Dichloropropene	10061-01-5	U	20.0	2.0	ug/L	U	20
Cyclohexane	110-82-7	U	20.0	3.0	ug/L	U	20
Dibromochloromethane	124-48-1	U	20.0	3.0	ug/L	U	20
Dichlorodifluoromethane	75-71-8	U	20.0	4.4	ug/L	U	20
Ethylbenzene	100-41-4	U	20.0	3.8	ug/L	U	20
Isopropylbenzene	98-82-8	U	20.0	3.0	ug/L	U	20
m,p-Xylenes	179601-23-1	U	40.0	10	ug/L	U	20
Methyl acetate	79-20-9	U	40.0	5.2	ug/L	U	20
Methyl tert-butyl ether	1634-04-4	U	40.0	3.6	ug/L	U	20
Methylcyclohexane	108-87-2	U	20.0	2.2	ug/L	U	20

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-3** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-002** Date Collected: **Nov-17-08 12:00** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 16:40 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	48	20.0	8.4	ug/L		20
o-Xylene	95-47-6	U	20.0	4.0	ug/L	U	20
Styrene	100-42-5	U	20.0	3.6	ug/L	U	20
Tetrachloroethene	127-18-4	U	20.0	3.2	ug/L	U	20
Toluene	108-88-3	U	20.0	2.8	ug/L	U	20
trans-1,2-Dichloroethene	156-60-5	U	20.0	4.2	ug/L	U	20
trans-1,3-Dichloropropene	10061-02-6	U	20.0	2.2	ug/L	U	20
Trichloroethene	79-01-6	U	20.0	3.8	ug/L	U	20
Trichlorofluoromethane	75-69-4	U	20.0	11	ug/L	U	20
Vinyl chloride	75-01-4	U	20.0	3.8	ug/L	U	20
Xylenes, Total	1330-20-7	U	60.0		ug/L	U	20

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 00:11 Analyst: ANI Date Prep: Dec-14-08 16:31 Tech: ANI
Seq Number: 743462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	1.2	1.0	0.20	mg/L		10

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 22:29 Analyst: BRZ Date Prep: Nov-21-08 15:30 Tech: 5458
Seq Number: 741604

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	1.9	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	9.30	N/A	N/A	SU		1

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Version: 1.054

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Winter Environmental, Norcross, GA

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Sample Id: **CD-3(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-003**	Date Collected: **Nov-17-08 12:45**	Date Received: **Nov-19-08 09:55**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 13:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744717

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 14:10 Analyst: 4150 Date Prep: Nov-22-08 13:22 Tech: ABA
Seq Number: 741303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0490	0.0029	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-05-08 15:36 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.083	0.0092	mg/kg	U	1
PCB-1221	11104-28-2	U	0.083	0.0086	mg/kg	U	1
PCB-1232	11141-16-5	U	0.083	0.0083	mg/kg	U	1
PCB-1242	53469-21-9	U	0.083	0.0091	mg/kg	U	1
PCB-1248	12672-29-6	U	0.083	0.0087	mg/kg	U	1
PCB-1254	11097-69-1	U	0.083	0.0094	mg/kg	U	1
PCB-1260	11096-82-5	U	0.083	0.010	mg/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 21:12 Analyst: 11 Date Prep: Nov-22-08 13:19 Tech: ABA
Seq Number: 741315

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.76	0.588	mg/kg	U	1
Barium	7440-39-3	9.71	4.76	0.146	mg/kg		1
Cadmium	7440-43-9	U	0.476	0.020	mg/kg	U	1
Chromium	7440-47-3	U	4.76	0.091	mg/kg	U	1
Lead	7439-92-1	U	4.76	0.286	mg/kg	U	1
Selenium	7782-49-2	U	4.76	0.910	mg/kg	U	1
Silver	7440-22-4	U	4.76	0.045	mg/kg	U	1

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Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-3(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-003**	Date Collected: **Nov-17-08 12:45**	Date Received: **Nov-19-08 09:55**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 741292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	10.0	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-3(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-003**	Date Collected: **Nov-17-08 12:45**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-15-08 18:29 Analyst: KAN Date Prep: Dec-08-08 14:15 Tech: KAN

Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	92.6	9.26	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	92.6	9.26	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	92.6	9.26	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	92.6	10.4	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	92.6	9.26	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	92.6	10.2	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	92.6	9.26	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	92.6	9.26	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	185	9.26	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	92.6	12.1	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	92.6	9.26	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	92.6	9.26	mg/kg	U	1
2-Chlorophenol	95-57-8	U	92.6	9.26	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	92.6	9.72	mg/kg	U	1
2-methylphenol	95-48-7	U	92.6	11.5	mg/kg	U	1
2-Nitroaniline	88-74-4	U	185	9.67	mg/kg	U	1
2-Nitrophenol	88-75-5	U	92.6	9.26	mg/kg	U	1
3&4-Methylphenol		U	185	18.7	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	185	17.7	mg/kg	U	1
3-Nitroaniline	99-09-2	U	185	19.7	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	185	10.5	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	92.6	12.6	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	92.6	11.3	mg/kg	U	1
4-Chloroaniline	106-47-8	U	185	9.26	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	92.6	9.26	mg/kg	U	1
4-Nitroaniline	100-01-6	U	185	15.6	mg/kg	U	1
4-Nitrophenol	100-02-7	U	185	16.1	mg/kg	U	1
Acenaphthene	83-32-9	U	92.6	9.26	mg/kg	U	1
Acenaphthylene	208-96-8	U	92.6	9.26	mg/kg	U	1
Anthracene	120-12-7	U	92.6	12.4	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	92.6	9.26	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	92.6	9.26	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	92.6	9.26	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	92.6	9.26	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	92.6	9.44	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	92.6	9.26	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	92.6	9.26	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	92.6	9.26	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	92.6	10.6	mg/kg	U	1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-3(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318116-003** Date Collected: **Nov-17-08 12:45** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-15-08 18:29 Analyst: KAN Date Prep: Dec-08-08 14:15 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	92.6	11.4	mg/kg	U	1
Chrysene	218-01-9	U	92.6	9.26	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	92.6	11.2	mg/kg	U	1
Dibenzofuran	132-64-9	U	92.6	10.3	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	92.6	9.26	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	92.6	10.5	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	92.6	9.26	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	92.6	9.26	mg/kg	U	1
Fluoranthene	206-44-0	U	92.6	10.2	mg/kg	U	1
Fluorene	86-73-7	U	92.6	9.26	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	92.6	9.35	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	92.6	9.26	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	92.6	9.26	mg/kg	U	1
Hexachloroethane	67-72-1	U	92.6	9.91	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	92.6	13.5	mg/kg	U	1
Isophorone	78-59-1	U	92.6	15.0	mg/kg	U	1
Naphthalene	91-20-3	U	92.6	9.91	mg/kg	U	1
Nitrobenzene	98-95-3	U	92.6	9.26	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	92.6	9.26	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	92.6	11.2	mg/kg	U	1
Pentachlorophenol	87-86-5	U	185	13.2	mg/kg	U	1
Phenanthrene	85-01-8	U	92.6	9.26	mg/kg	U	1
Phenol	108-95-2	U	92.6	9.26	mg/kg	U	1
Pyrene	129-00-0	U	92.6	10.6	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 21:58 Analyst: ANI Date Prep: Dec-17-08 16:52 Tech: ANI
Seq Number: 743961

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	9.5	1.4	mg/kg	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-24-08 01:13 Analyst: BRZ Date Prep: Dec-08-08 10:00 Tech: 4155
Seq Number: 744909

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	5700	2700	300	mg/kg		1

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Version: 1.054

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Sample Id: **CD-3(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-003**	Date Collected: **Nov-17-08 12:45**	Date Received: **Nov-19-08 09:55**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 10:38 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	240	36	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	240	56	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	240	52	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	240	32	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	240	38	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	240	55	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	240	41	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	240	76	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	240	41	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	240	61	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	240	28	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	240	44	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	240	47	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	240	32	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2400	430	ug/kg	U	50
2-Hexanone	591-78-6	U	2400	53	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2400	150	ug/kg	U	50
Acetone	67-64-1	U	2400	320	ug/kg	U	50
Benzene	71-43-2	U	240	24	ug/kg	U	50
Bromodichloromethane	75-27-4	U	240	24	ug/kg	U	50
Bromoform	75-25-2	U	240	45	ug/kg	U	50
Bromomethane	74-83-9	280	240	120	ug/kg		50
Carbon disulfide	75-15-0	U	240	69	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	240	35	ug/kg	U	50
Chlorobenzene	108-90-7	U	470	27	ug/kg	U	50
Chloroethane	75-00-3	U	240	120	ug/kg	U	50
Chloroform	67-66-3	U	240	35	ug/kg	U	50
Chloromethane	74-87-3	U	240	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	240	31	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	240	25	ug/kg	U	50
Cyclohexane	110-82-7	U	240	45	ug/kg	U	50
Dibromochloromethane	124-48-1	U	240	47	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	240	56	ug/kg	U	50
Ethylbenzene	100-41-4	U	240	27	ug/kg	U	50
Isopropylbenzene	98-82-8	U	240	36	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	470	57	ug/kg	U	50
Methyl acetate	79-20-9	U	240	45	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	240	33	ug/kg	U	50
Methylcyclohexane	108-87-2	U	240	51	ug/kg	U	50

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Sample Id: **CD-3(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-003**	Date Collected: **Nov-17-08 12:45**	Date Received: **Nov-19-08 09:55**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 10:38 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	240	100	ug/kg	U	50
o-Xylene	95-47-6	U	240	34	ug/kg	U	50
Styrene	100-42-5	U	240	35	ug/kg	U	50
Tetrachloroethene	127-18-4	U	240	49	ug/kg	U	50
Toluene	108-88-3	U	240	28	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	240	37	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	240	32	ug/kg	U	50
Trichloroethene	79-01-6	U	240	33	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	240	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	240	95	ug/kg	U	50
Xylenes, Total	1330-20-7	U	240		ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.054

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Sample Id: **CD-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-004**	Date Collected: **Nov-17-08 13:55**	Date Received: **Nov-19-08 09:55**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 13:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744717

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 14:24 Analyst: 4150 Date Prep: Nov-22-08 13:22 Tech: ABA
Seq Number: 741303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-05-08 16:00 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.10	0.011	mg/kg	U	1
PCB-1221	11104-28-2	U	0.10	0.010	mg/kg	U	1
PCB-1232	11141-16-5	U	0.10	0.010	mg/kg	U	1
PCB-1242	53469-21-9	U	0.10	0.011	mg/kg	U	1
PCB-1248	12672-29-6	U	0.10	0.011	mg/kg	U	1
PCB-1254	11097-69-1	U	0.10	0.011	mg/kg	U	1
PCB-1260	11096-82-5	U	0.10	0.013	mg/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 21:23 Analyst: 11 Date Prep: Nov-22-08 13:19 Tech: ABA
Seq Number: 741315

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.90	0.605	mg/kg	U	1
Barium	7440-39-3	40.5	4.90	0.150	mg/kg		1
Cadmium	7440-43-9	U	0.490	0.021	mg/kg	U	1
Chromium	7440-47-3	9.61	4.90	0.094	mg/kg		1
Lead	7439-92-1	U	4.90	0.294	mg/kg	U	1
Selenium	7782-49-2	U	4.90	0.937	mg/kg	U	1
Silver	7440-22-4	U	4.90	0.046	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-004**	Date Collected: **Nov-17-08 13:55**	Date Received: **Nov-19-08 09:55**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 741292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	9.80	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-004**	Date Collected: **Nov-17-08 13:55**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-13-08 00:06 Analyst: KAN Date Prep: Dec-08-08 14:18 Tech: KAN

Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	85.5	8.55	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	85.5	8.55	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	85.5	8.55	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	85.5	9.63	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	85.5	8.55	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	85.5	9.43	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	85.5	8.55	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	85.5	8.55	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	171	8.55	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	85.5	11.2	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	85.5	8.55	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	85.5	8.55	mg/kg	U	1
2-Chlorophenol	95-57-8	U	85.5	8.55	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	85.5	8.97	mg/kg	U	1
2-methylphenol	95-48-7	U	85.5	10.6	mg/kg	U	1
2-Nitroaniline	88-74-4	U	171	8.92	mg/kg	U	1
2-Nitrophenol	88-75-5	U	85.5	8.55	mg/kg	U	1
3&4-Methylphenol		U	171	17.3	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	171	16.3	mg/kg	U	1
3-Nitroaniline	99-09-2	U	171	18.2	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	171	9.68	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	85.5	11.6	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	85.5	10.4	mg/kg	U	1
4-Chloroaniline	106-47-8	U	171	8.55	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	85.5	8.55	mg/kg	U	1
4-Nitroaniline	100-01-6	U	171	14.4	mg/kg	U	1
4-Nitrophenol	100-02-7	U	171	14.8	mg/kg	U	1
Acenaphthene	83-32-9	U	85.5	8.55	mg/kg	U	1
Acenaphthylene	208-96-8	U	85.5	8.55	mg/kg	U	1
Anthracene	120-12-7	U	85.5	11.4	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	85.5	8.55	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	85.5	8.55	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	85.5	8.55	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	85.5	8.55	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	85.5	8.71	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	85.5	8.55	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	85.5	8.55	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	85.5	8.55	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	85.5	9.80	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-2(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318116-004** Date Collected: **Nov-17-08 13:55** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-13-08 00:06 Analyst: KAN Date Prep: Dec-08-08 14:18 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	85.5	10.5	mg/kg	U	1
Chrysene	218-01-9	U	85.5	8.55	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	85.5	10.4	mg/kg	U	1
Dibenzofuran	132-64-9	U	85.5	9.47	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	85.5	8.55	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	85.5	9.73	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	85.5	8.55	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	85.5	8.55	mg/kg	U	1
Fluoranthene	206-44-0	U	85.5	9.42	mg/kg	U	1
Fluorene	86-73-7	U	85.5	8.55	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	85.5	8.63	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	85.5	8.55	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	85.5	8.55	mg/kg	U	1
Hexachloroethane	67-72-1	U	85.5	9.15	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	85.5	12.5	mg/kg	U	1
Isophorone	78-59-1	U	85.5	13.8	mg/kg	U	1
Naphthalene	91-20-3	U	85.5	9.15	mg/kg	U	1
Nitrobenzene	98-95-3	U	85.5	8.55	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	85.5	8.55	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	85.5	10.3	mg/kg	U	1
Pentachlorophenol	87-86-5	U	171	12.2	mg/kg	U	1
Phenanthrene	85-01-8	U	85.5	8.55	mg/kg	U	1
Phenol	108-95-2	U	85.5	8.55	mg/kg	U	1
Pyrene	129-00-0	U	85.5	9.74	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 20:57 Analyst: ANI Date Prep: Dec-17-08 16:52 Tech: ANI
Seq Number: 743961

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	10	9.8	1.5	mg/kg		50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-24-08 01:46 Analyst: BRZ Date Prep: Dec-08-08 10:00 Tech: 4155
Seq Number: 744909

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	5400	2200	250	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-2(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318116-004** Date Collected: **Nov-17-08 13:55** Date Received: **Nov-19-08 09:55**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 11:07 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	37	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	58	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	55	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	33	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	39	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	57	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	43	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	80	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	42	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	63	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	29	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	49	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	450	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	55	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	7200	2500	340	ug/kg		50
Benzene	71-43-2	3400	250	25	ug/kg		50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	47	ug/kg	U	50
Bromomethane	74-83-9	320	250	120	ug/kg		50
Carbon disulfide	75-15-0	U	250	71	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	36	ug/kg	U	50
Chlorobenzene	108-90-7	U	490	28	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	36	ug/kg	U	50
Chloromethane	74-87-3	U	250	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	26	ug/kg	U	50
Cyclohexane	110-82-7	U	250	46	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	49	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	58	ug/kg	U	50
Ethylbenzene	100-41-4	U	250	28	ug/kg	U	50
Isopropylbenzene	98-82-8	U	250	37	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	490	59	ug/kg	U	50
Methyl acetate	79-20-9	U	250	46	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	260	250	34	ug/kg		50
Methylcyclohexane	108-87-2	U	250	54	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-004**	Date Collected: **Nov-17-08 13:55**	Date Received: **Nov-19-08 09:55**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 11:07 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
o-Xylene	95-47-6	U	250	35	ug/kg	U	50
Styrene	100-42-5	U	250	36	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	51	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	38	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	33	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	99	ug/kg	U	50
Xylenes, Total	1330-20-7	U	250		ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-1(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318116-005** Date Collected: **Nov-17-08 14:45** Date Received: **Nov-19-08 09:55**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 13:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744717

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 14:27 Analyst: 4150 Date Prep: Nov-22-08 13:22 Tech: ABA
Seq Number: 741303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-05-08 16:23 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.088	0.0098	mg/kg	U	1
PCB-1221	11104-28-2	U	0.088	0.0091	mg/kg	U	1
PCB-1232	11141-16-5	U	0.088	0.0089	mg/kg	U	1
PCB-1242	53469-21-9	U	0.088	0.0097	mg/kg	U	1
PCB-1248	12672-29-6	U	0.088	0.0093	mg/kg	U	1
PCB-1254	11097-69-1	U	0.088	0.010	mg/kg	U	1
PCB-1260	11096-82-5	U	0.088	0.011	mg/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 21:25 Analyst: 11 Date Prep: Nov-22-08 13:19 Tech: ABA
Seq Number: 741315

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.95	0.611	mg/kg	U	1
Barium	7440-39-3	12.6	4.95	0.151	mg/kg		1
Cadmium	7440-43-9	0.921	0.495	0.021	mg/kg		1
Chromium	7440-47-3	5.02	4.95	0.095	mg/kg		1
Lead	7439-92-1	U	4.95	0.297	mg/kg	U	1
Selenium	7782-49-2	U	4.95	0.947	mg/kg	U	1
Silver	7440-22-4	U	4.95	0.047	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-1(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-005**	Date Collected: **Nov-17-08 14:45**	Date Received: **Nov-19-08 09:55**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 741292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.50	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-1(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-005**	Date Collected: **Nov-17-08 14:45**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-15-08 19:14 Analyst: KAN Date Prep: Dec-08-08 14:21 Tech: KAN

Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	96.2	9.62	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	96.2	9.62	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	96.2	9.62	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	96.2	10.8	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	96.2	9.62	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	96.2	10.6	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	96.2	9.62	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	96.2	9.62	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	192	9.62	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	96.2	12.6	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	96.2	9.62	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	96.2	9.62	mg/kg	U	1
2-Chlorophenol	95-57-8	U	96.2	9.62	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	96.2	10.1	mg/kg	U	1
2-methylphenol	95-48-7	U	96.2	12.0	mg/kg	U	1
2-Nitroaniline	88-74-4	U	192	10.0	mg/kg	U	1
2-Nitrophenol	88-75-5	U	96.2	9.62	mg/kg	U	1
3&4-Methylphenol		U	192	19.5	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	192	18.4	mg/kg	U	1
3-Nitroaniline	99-09-2	U	192	20.4	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	192	10.9	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	96.2	13.0	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	96.2	11.7	mg/kg	U	1
4-Chloroaniline	106-47-8	U	192	9.62	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	96.2	9.62	mg/kg	U	1
4-Nitroaniline	100-01-6	U	192	16.2	mg/kg	U	1
4-Nitrophenol	100-02-7	U	192	16.7	mg/kg	U	1
Acenaphthene	83-32-9	U	96.2	9.62	mg/kg	U	1
Acenaphthylene	208-96-8	U	96.2	9.62	mg/kg	U	1
Anthracene	120-12-7	U	96.2	12.9	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	96.2	9.62	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	96.2	9.62	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	96.2	9.62	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	96.2	9.62	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	96.2	9.80	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	96.2	9.62	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	96.2	9.62	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	96.2	9.62	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	96.2	11.0	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-1(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318116-005** Date Collected: **Nov-17-08 14:45** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-15-08 19:14 Analyst: KAN Date Prep: Dec-08-08 14:21 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	96.2	11.8	mg/kg	U	1
Chrysene	218-01-9	U	96.2	9.62	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	96.2	11.7	mg/kg	U	1
Dibenzofuran	132-64-9	U	96.2	10.7	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	96.2	9.62	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	96.2	10.9	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	96.2	9.62	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	96.2	9.62	mg/kg	U	1
Fluoranthene	206-44-0	U	96.2	10.6	mg/kg	U	1
Fluorene	86-73-7	U	96.2	9.62	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	96.2	9.71	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	96.2	9.62	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	96.2	9.62	mg/kg	U	1
Hexachloroethane	67-72-1	U	96.2	10.3	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	96.2	14.0	mg/kg	U	1
Isophorone	78-59-1	U	96.2	15.6	mg/kg	U	1
Naphthalene	91-20-3	U	96.2	10.3	mg/kg	U	1
Nitrobenzene	98-95-3	U	96.2	9.62	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	96.2	9.62	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	96.2	11.6	mg/kg	U	1
Pentachlorophenol	87-86-5	U	192	13.7	mg/kg	U	1
Phenanthrene	85-01-8	U	96.2	9.62	mg/kg	U	1
Phenol	108-95-2	U	96.2	9.62	mg/kg	U	1
Pyrene	129-00-0	U	96.2	11.0	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 21:28 Analyst: ANI Date Prep: Dec-17-08 16:52 Tech: ANI
Seq Number: 743961

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	9.7	1.5	mg/kg	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-24-08 02:20 Analyst: BRZ Date Prep: Dec-08-08 10:00 Tech: 4155
Seq Number: 744909

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	7100	2900	330	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-1(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318116-005** Date Collected: **Nov-17-08 14:45** Date Received: **Nov-19-08 09:55**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 11:36 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	240	36	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	240	57	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	240	54	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	240	32	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	240	39	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	240	56	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	240	42	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	240	78	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	240	42	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	240	62	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	240	29	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	240	45	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	240	48	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	240	33	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2400	440	ug/kg	U	50
2-Hexanone	591-78-6	U	2400	55	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2400	160	ug/kg	U	50
Acetone	67-64-1	64000	12000	1700	ug/kg	D	250
Benzene	71-43-2	U	240	25	ug/kg	U	50
Bromodichloromethane	75-27-4	U	240	24	ug/kg	U	50
Bromoform	75-25-2	U	240	46	ug/kg	U	50
Bromomethane	74-83-9	270	240	120	ug/kg		50
Carbon disulfide	75-15-0	U	240	70	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	240	36	ug/kg	U	50
Chlorobenzene	108-90-7	U	480	28	ug/kg	U	50
Chloroethane	75-00-3	U	240	120	ug/kg	U	50
Chloroform	67-66-3	U	240	36	ug/kg	U	50
Chloromethane	74-87-3	U	240	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	240	32	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	240	26	ug/kg	U	50
Cyclohexane	110-82-7	U	240	46	ug/kg	U	50
Dibromochloromethane	124-48-1	U	240	48	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	240	57	ug/kg	U	50
Ethylbenzene	100-41-4	U	240	27	ug/kg	U	50
Isopropylbenzene	98-82-8	U	240	37	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	480	58	ug/kg	U	50
Methyl acetate	79-20-9	U	240	46	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	240	33	ug/kg	U	50
Methylcyclohexane	108-87-2	U	240	53	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **CD-1(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-005**	Date Collected: **Nov-17-08 14:45**	Date Received: **Nov-19-08 09:55**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 11:36 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	240	100	ug/kg	U	50
o-Xylene	95-47-6	U	240	35	ug/kg	U	50
Styrene	100-42-5	U	240	36	ug/kg	U	50
Tetrachloroethene	127-18-4	U	240	50	ug/kg	U	50
Toluene	108-88-3	U	240	28	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	240	38	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	240	32	ug/kg	U	50
Trichloroethene	79-01-6	U	240	34	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	240	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	240	97	ug/kg	U	50
Xylenes, Total	1330-20-7	U	240		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DAF**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-006**	Date Collected: **Nov-17-08 15:10**	Date Received: **Nov-19-08 09:55**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 16:22 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 10:23 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.0010	0.0002	mg/L	U	1
PCB-1221	11104-28-2	U	0.0010	0.0002	mg/L	U	1
PCB-1232	11141-16-5	U	0.0010	0.0002	mg/L	U	1
PCB-1242	53469-21-9	U	0.0010	0.0001	mg/L	U	1
PCB-1248	12672-29-6	U	0.0010	0.0002	mg/L	U	1
PCB-1254	11097-69-1	U	0.0010	0.0002	mg/L	U	1
PCB-1260	11096-82-5	U	0.0010	0.0002	mg/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:13 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DAF**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-006**	Date Collected: **Nov-17-08 15:10**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 18:23 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458

Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DAF**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-006**	Date Collected: **Nov-17-08 15:10**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 18:23 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458

Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DAF** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-006** Date Collected: **Nov-17-08 15:10** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 22:19 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DAF**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-006**	Date Collected: **Nov-17-08 15:10**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 22:19 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 19:47 Analyst: ANI Date Prep: Dec-12-08 18:15 Tech: ANI
Seq Number: 743425

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 10:19 Analyst: BRZ Date Prep: Nov-21-08 15:30 Tech: 5458
Seq Number: 741604

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	U	0.30	0.026	mg/L	U	1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	5.00	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DAF-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-007** Date Collected: **Nov-17-08 15:40** Date Received: **Nov-19-08 09:55**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-25-08 18:45 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741676

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 16:25 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 10:47 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.0010	0.0002	mg/L	U	1
PCB-1221	11104-28-2	U	0.0010	0.0002	mg/L	U	1
PCB-1232	11141-16-5	U	0.0010	0.0002	mg/L	U	1
PCB-1242	53469-21-9	U	0.0010	0.0001	mg/L	U	1
PCB-1248	12672-29-6	U	0.0010	0.0002	mg/L	U	1
PCB-1254	11097-69-1	U	0.0010	0.0002	mg/L	U	1
PCB-1260	11096-82-5	U	0.0010	0.0002	mg/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:15 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DAF-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-007** Date Collected: **Nov-17-08 15:40** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 18:51 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DAF-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-007**	Date Collected: **Nov-17-08 15:40**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 18:51 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458

Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DAF-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-007** Date Collected: **Nov-17-08 15:40** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 22:47 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DAF-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-007**	Date Collected: **Nov-17-08 15:40**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 22:47 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	3.4	1.00	0.42	ug/L		1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 20:18 Analyst: ANI Date Prep: Dec-12-08 18:15 Tech: ANI
Seq Number: 743425

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 10:44 Analyst: BRZ Date Prep: Nov-21-08 15:30 Tech: 5458
Seq Number: 741604

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	0.66	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	6.20	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-008** Date Collected: **Nov-17-08 16:15** Date Received: **Nov-19-08 09:55**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 16:35 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 11:11 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.0010	0.0002	mg/L	U	1
PCB-1221	11104-28-2	U	0.0010	0.0002	mg/L	U	1
PCB-1232	11141-16-5	U	0.0010	0.0002	mg/L	U	1
PCB-1242	53469-21-9	U	0.0010	0.0001	mg/L	U	1
PCB-1248	12672-29-6	U	0.0010	0.0002	mg/L	U	1
PCB-1254	11097-69-1	U	0.0010	0.0002	mg/L	U	1
PCB-1260	11096-82-5	U	0.0010	0.0002	mg/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:20 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-008** Date Collected: **Nov-17-08 16:15** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 19:18 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	5.00	0.715	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	5.00	0.915	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	5.00	1.06	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	5.00	0.805	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	5.00	1.31	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	5.00	0.820	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	5.00	0.890	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	5.00	0.815	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	10.0	3.56	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	5.00	1.07	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	5.00	1.36	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	5.00	0.645	ug/L	U	1
2-Chlorophenol	95-57-8	U	5.00	0.915	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	5.00	0.595	ug/L	U	1
2-methylphenol	95-48-7	U	5.00	1.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	10.0	1.18	ug/L	U	1
2-Nitrophenol	88-75-5	U	5.00	0.975	ug/L	U	1
3&4-Methylphenol		U	10.0	1.28	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	10.0	1.94	ug/L	U	1
3-Nitroaniline	99-09-2	U	10.0	1.38	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	10.0	0.700	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	5.00	1.06	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	5.00	1.09	ug/L	U	1
4-Chloroaniline	106-47-8	U	5.00	1.55	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	5.00	0.675	ug/L	U	1
4-Nitroaniline	100-01-6	U	10.0	1.60	ug/L	U	1
4-Nitrophenol	100-02-7	U	10.0	1.21	ug/L	U	1
Acenaphthene	83-32-9	U	5.00	0.715	ug/L	U	1
Acenaphthylene	208-96-8	U	5.00	0.740	ug/L	U	1
Anthracene	120-12-7	U	5.00	1.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	5.00	0.950	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	5.00	0.900	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	5.00	0.985	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	5.00	0.985	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	5.00	1.36	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	5.00	0.625	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	5.00	0.890	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	5.00	0.600	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	5.00	0.910	ug/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-008**	Date Collected: **Nov-17-08 16:15**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 19:18 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458

Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	5.00	0.910	ug/L	U	1
Chrysene	218-01-9	U	5.00	1.05	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	5.00	0.915	ug/L	U	1
Dibenzofuran	132-64-9	U	5.00	0.820	ug/L	U	1
Diethyl Phthalate	84-66-2	U	5.00	0.950	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	5.00	0.985	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	5.00	1.04	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	5.00	0.690	ug/L	U	1
Fluoranthene	206-44-0	U	5.00	0.905	ug/L	U	1
Fluorene	86-73-7	U	5.00	0.780	ug/L	U	1
Hexachlorobenzene	118-74-1	U	5.00	1.11	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	5.00	0.890	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	5.00	0.935	ug/L	U	1
Hexachloroethane	67-72-1	U	5.00	1.19	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	5.00	0.935	ug/L	U	1
Isophorone	78-59-1	U	5.00	0.705	ug/L	U	1
Naphthalene	91-20-3	U	5.00	0.760	ug/L	U	1
Nitrobenzene	98-95-3	U	5.00	0.745	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	5.00	0.680	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	5.00	1.25	ug/L	U	1
Pentachlorophenol	87-86-5	U	10.0	1.13	ug/L	U	1
Phenanthrene	85-01-8	U	5.00	1.02	ug/L	U	1
Phenol	108-95-2	U	5.00	0.880	ug/L	U	1
Pyrene	129-00-0	U	5.00	1.20	ug/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-008** Date Collected: **Nov-17-08 16:15** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 23:16 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-008**	Date Collected: **Nov-17-08 16:15**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 23:16 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 11:36 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743424

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-26-08 01:49 Analyst: BRZ Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741587

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	0.36	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	5.60	N/A	N/A	SU		1

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Winter Environmental, Norcross, GA

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Sample Id: **DAF-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-009**	Date Collected: **Nov-17-08 16:00**	Date Received: **Nov-19-08 09:55**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 13:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744717

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 14:37 Analyst: 4150 Date Prep: Nov-22-08 13:22 Tech: ABA
Seq Number: 741303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-05-08 16:47 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.10	0.011	mg/kg	U	1
PCB-1221	11104-28-2	U	0.10	0.010	mg/kg	U	1
PCB-1232	11141-16-5	U	0.10	0.010	mg/kg	U	1
PCB-1242	53469-21-9	U	0.10	0.011	mg/kg	U	1
PCB-1248	12672-29-6	U	0.10	0.011	mg/kg	U	1
PCB-1254	11097-69-1	U	0.10	0.011	mg/kg	U	1
PCB-1260	11096-82-5	U	0.10	0.013	mg/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 21:27 Analyst: 11 Date Prep: Nov-22-08 13:19 Tech: ABA
Seq Number: 741315

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.76	0.588	mg/kg	U	1
Barium	7440-39-3	13.6	4.76	0.146	mg/kg		1
Cadmium	7440-43-9	U	0.476	0.020	mg/kg	U	1
Chromium	7440-47-3	U	4.76	0.091	mg/kg	U	1
Lead	7439-92-1	U	4.76	0.286	mg/kg	U	1
Selenium	7782-49-2	U	4.76	0.910	mg/kg	U	1
Silver	7440-22-4	U	4.76	0.045	mg/kg	U	1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DAF-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-009**	Date Collected: **Nov-17-08 16:00**	Date Received: **Nov-19-08 09:55**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 741292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	6.30	N/A	N/A	SU		1

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Winter Environmental, Norcross, GA

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Sample Id: **DAF-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-009**	Date Collected: **Nov-17-08 16:00**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-15-08 19:57 Analyst: KAN Date Prep: Dec-08-08 14:24 Tech: KAN

Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	90.1	9.01	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	90.1	9.01	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	90.1	9.01	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	90.1	10.2	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	90.1	9.01	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	90.1	9.94	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	90.1	9.01	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	90.1	9.01	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	180	9.01	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	90.1	11.8	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	90.1	9.01	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	90.1	9.01	mg/kg	U	1
2-Chlorophenol	95-57-8	U	90.1	9.01	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	90.1	9.46	mg/kg	U	1
2-methylphenol	95-48-7	U	90.1	11.2	mg/kg	U	1
2-Nitroaniline	88-74-4	U	180	9.41	mg/kg	U	1
2-Nitrophenol	88-75-5	U	90.1	9.01	mg/kg	U	1
3&4-Methylphenol		U	180	18.2	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	180	17.2	mg/kg	U	1
3-Nitroaniline	99-09-2	U	180	19.2	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	180	10.2	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	90.1	12.2	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	90.1	11.0	mg/kg	U	1
4-Chloroaniline	106-47-8	U	180	9.01	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	90.1	9.01	mg/kg	U	1
4-Nitroaniline	100-01-6	U	180	15.1	mg/kg	U	1
4-Nitrophenol	100-02-7	U	180	15.6	mg/kg	U	1
Acenaphthene	83-32-9	U	90.1	9.01	mg/kg	U	1
Acenaphthylene	208-96-8	U	90.1	9.01	mg/kg	U	1
Anthracene	120-12-7	U	90.1	12.1	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	90.1	9.01	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	90.1	9.01	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	90.1	9.01	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	90.1	9.01	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	90.1	9.18	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	90.1	9.01	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	90.1	9.01	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	90.1	9.01	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	90.1	10.3	mg/kg	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DAF-2(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318116-009** Date Collected: **Nov-17-08 16:00** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-15-08 19:57 Analyst: KAN Date Prep: Dec-08-08 14:24 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	90.1	11.1	mg/kg	U	1
Chrysene	218-01-9	U	90.1	9.01	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	90.1	10.9	mg/kg	U	1
Dibenzofuran	132-64-9	U	90.1	9.98	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	90.1	9.01	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	90.1	10.3	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	90.1	9.01	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	90.1	9.01	mg/kg	U	1
Fluoranthene	206-44-0	U	90.1	9.93	mg/kg	U	1
Fluorene	86-73-7	U	90.1	9.01	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	90.1	9.10	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	90.1	9.01	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	90.1	9.01	mg/kg	U	1
Hexachloroethane	67-72-1	U	90.1	9.64	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	90.1	13.2	mg/kg	U	1
Isophorone	78-59-1	U	90.1	14.6	mg/kg	U	1
Naphthalene	91-20-3	U	90.1	9.64	mg/kg	U	1
Nitrobenzene	98-95-3	U	90.1	9.01	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	90.1	9.01	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	90.1	10.9	mg/kg	U	1
Pentachlorophenol	87-86-5	U	180	12.8	mg/kg	U	1
Phenanthrene	85-01-8	U	90.1	9.01	mg/kg	U	1
Phenol	108-95-2	U	90.1	9.01	mg/kg	U	1
Pyrene	129-00-0	U	90.1	10.3	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 19:56 Analyst: ANI Date Prep: Dec-17-08 16:52 Tech: ANI
Seq Number: 743961

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	26	9.9	1.5	mg/kg		50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-24-08 02:54 Analyst: BRZ Date Prep: Dec-08-08 10:00 Tech: 4155
Seq Number: 744909

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	4000	3000	340	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

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Sample Id: **DAF-2(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318116-009** Date Collected: **Nov-17-08 16:00** Date Received: **Nov-19-08 09:55**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 12:04 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	37	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	59	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	55	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	33	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	40	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	58	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	43	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	80	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	43	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	64	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	30	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	49	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	450	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	56	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	U	2500	340	ug/kg	U	50
Benzene	71-43-2	U	250	25	ug/kg	U	50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	48	ug/kg	U	50
Bromomethane	74-83-9	270	250	120	ug/kg		50
Carbon disulfide	75-15-0	U	250	72	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	37	ug/kg	U	50
Chlorobenzene	108-90-7	U	500	29	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	37	ug/kg	U	50
Chloromethane	74-87-3	U	250	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	27	ug/kg	U	50
Cyclohexane	110-82-7	U	250	47	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	49	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	59	ug/kg	U	50
Ethylbenzene	100-41-4	4100	250	28	ug/kg		50
Isopropylbenzene	98-82-8	U	250	38	ug/kg	U	50
m,p-Xylenes	179601-23-1	14000	500	60	ug/kg		50
Methyl acetate	79-20-9	U	250	47	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	34	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	54	ug/kg	U	50

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DAF-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-009**	Date Collected: **Nov-17-08 16:00**	Date Received: **Nov-19-08 09:55**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 12:04 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
o-Xylene	95-47-6	U	250	36	ug/kg	U	50
Styrene	100-42-5	U	250	37	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	51	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	39	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	33	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	100	ug/kg	U	50
Xylenes, Total	1330-20-7	14000	250		ug/kg		50

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Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40508** Matrix: **WATER** % Moisture:
Lab Sample Id: **318116-010** Date Collected: **Nov-18-08 07:25** Date Received: **Nov-19-08 09:55**

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 16:38 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 11:35 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.0010	0.0002	mg/L	U	1
PCB-1221	11104-28-2	U	0.0010	0.0002	mg/L	U	1
PCB-1232	11141-16-5	U	0.0010	0.0002	mg/L	U	1
PCB-1242	53469-21-9	U	0.0010	0.0001	mg/L	U	1
PCB-1248	12672-29-6	U	0.0010	0.0002	mg/L	U	1
PCB-1254	11097-69-1	U	0.0010	0.0002	mg/L	U	1
PCB-1260	11096-82-5	U	0.0010	0.0002	mg/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:22 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

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Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40508** Matrix: **WATER** % Moisture:
Lab Sample Id: **318116-010** Date Collected: **Nov-18-08 07:25** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 19:46 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40508**	Matrix: **WATER**	% Moisture:
Lab Sample Id: **318116-010**	Date Collected: **Nov-18-08 07:25**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 19:46 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458

Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40508** Matrix: **WATER** % Moisture:
Lab Sample Id: **318116-010** Date Collected: **Nov-18-08 07:25** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 21:50 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **RBLK 40508** Matrix: **WATER** % Moisture:
Lab Sample Id: **318116-010** Date Collected: **Nov-18-08 07:25** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 21:50 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 11:05 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743424

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-26-08 02:15 Analyst: BRZ Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741587

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	1.1	0.60	0.052	mg/L		1

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Winter Environmental, Norcross, GA

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Sample Id: **T-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-011** Date Collected: **Nov-18-08 08:20** Date Received: **Nov-19-08 09:55**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 16:42 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 11:58 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.0010	0.0002	mg/L	U	1
PCB-1221	11104-28-2	U	0.0010	0.0002	mg/L	U	1
PCB-1232	11141-16-5	U	0.0010	0.0002	mg/L	U	1
PCB-1242	53469-21-9	U	0.0010	0.0001	mg/L	U	1
PCB-1248	12672-29-6	U	0.0010	0.0002	mg/L	U	1
PCB-1254	11097-69-1	U	0.0010	0.0002	mg/L	U	1
PCB-1260	11096-82-5	U	0.0010	0.0002	mg/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:23 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-011** Date Collected: **Nov-18-08 08:20** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 20:13 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-011**	Date Collected: **Nov-18-08 08:20**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 20:13 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458

Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-2**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-011**	Date Collected: **Nov-18-08 08:20**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 23:45 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124

Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-2** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-011** Date Collected: **Nov-18-08 08:20** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 23:45 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 12:06 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743424

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-26-08 02:40 Analyst: BRZ Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741587

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	0.81	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	6.20	N/A	N/A	SU		1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-012**	Date Collected: **Nov-18-08 08:40**	Date Received: **Nov-19-08 09:55**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 13:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744717

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 14:41 Analyst: 4150 Date Prep: Nov-22-08 13:22 Tech: ABA
Seq Number: 741303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0490	0.0029	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-05-08 17:11 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.091	0.010	mg/kg	U	1
PCB-1221	11104-28-2	U	0.091	0.0094	mg/kg	U	1
PCB-1232	11141-16-5	U	0.091	0.0092	mg/kg	U	1
PCB-1242	53469-21-9	U	0.091	0.010	mg/kg	U	1
PCB-1248	12672-29-6	U	0.091	0.0096	mg/kg	U	1
PCB-1254	11097-69-1	U	0.091	0.010	mg/kg	U	1
PCB-1260	11096-82-5	U	0.091	0.012	mg/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 21:33 Analyst: 11 Date Prep: Nov-22-08 13:19 Tech: ABA
Seq Number: 741315

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.85	0.599	mg/kg	U	1
Barium	7440-39-3	18.0	4.85	0.149	mg/kg		1
Cadmium	7440-43-9	0.631	0.485	0.020	mg/kg		1
Chromium	7440-47-3	U	4.85	0.093	mg/kg	U	1
Lead	7439-92-1	6.34	4.85	0.291	mg/kg		1
Selenium	7782-49-2	U	4.85	0.928	mg/kg	U	1
Silver	7440-22-4	U	4.85	0.046	mg/kg	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-012**	Date Collected: **Nov-18-08 08:40**	Date Received: **Nov-19-08 09:55**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 741292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	5.80	N/A	N/A	SU		1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-2(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318116-012** Date Collected: **Nov-18-08 08:40** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-15-08 20:41 Analyst: KAN Date Prep: Dec-08-08 14:27 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	100	10.0	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	100	10.0	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	100	10.0	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	100	11.3	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	100	10.0	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	100	11.0	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	100	10.0	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	100	10.0	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	200	10.0	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	100	13.1	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	100	10.0	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	100	10.0	mg/kg	U	1
2-Chlorophenol	95-57-8	U	100	10.0	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	100	10.5	mg/kg	U	1
2-methylphenol	95-48-7	U	100	12.4	mg/kg	U	1
2-Nitroaniline	88-74-4	U	200	10.4	mg/kg	U	1
2-Nitrophenol	88-75-5	U	100	10.0	mg/kg	U	1
3&4-Methylphenol		U	200	20.2	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	200	19.1	mg/kg	U	1
3-Nitroaniline	99-09-2	U	200	21.3	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	200	11.3	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	100	13.6	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	100	12.2	mg/kg	U	1
4-Chloroaniline	106-47-8	U	200	10.0	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	100	10.0	mg/kg	U	1
4-Nitroaniline	100-01-6	U	200	16.8	mg/kg	U	1
4-Nitrophenol	100-02-7	U	200	17.4	mg/kg	U	1
Acenaphthene	83-32-9	U	100	10.0	mg/kg	U	1
Acenaphthylene	208-96-8	U	100	10.0	mg/kg	U	1
Anthracene	120-12-7	U	100	13.4	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	100	10.0	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	100	10.0	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	100	10.0	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	100	10.0	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	100	10.2	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	100	10.0	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	100	10.0	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	100	10.0	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	100	11.5	mg/kg	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-2(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318116-012** Date Collected: **Nov-18-08 08:40** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-15-08 20:41 Analyst: KAN Date Prep: Dec-08-08 14:27 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	100	12.3	mg/kg	U	1
Chrysene	218-01-9	U	100	10.0	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	100	12.1	mg/kg	U	1
Dibenzofuran	132-64-9	U	100	11.1	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	100	10.0	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	100	11.4	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	100	10.0	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	100	10.0	mg/kg	U	1
Fluoranthene	206-44-0	U	100	11.0	mg/kg	U	1
Fluorene	86-73-7	U	100	10.0	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	100	10.1	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	100	10.0	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	100	10.0	mg/kg	U	1
Hexachloroethane	67-72-1	U	100	10.7	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	100	14.6	mg/kg	U	1
Isophorone	78-59-1	U	100	16.2	mg/kg	U	1
Naphthalene	91-20-3	U	100	10.7	mg/kg	U	1
Nitrobenzene	98-95-3	U	100	10.0	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	100	10.0	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	100	12.1	mg/kg	U	1
Pentachlorophenol	87-86-5	U	200	14.2	mg/kg	U	1
Phenanthrene	85-01-8	U	100	10.0	mg/kg	U	1
Phenol	108-95-2	U	100	10.0	mg/kg	U	1
Pyrene	129-00-0	U	100	11.4	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 18:55 Analyst: ANI Date Prep: Dec-17-08 16:52 Tech: ANI
Seq Number: 743961

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	9.8	1.5	mg/kg	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-24-08 03:27 Analyst: BRZ Date Prep: Dec-08-08 10:00 Tech: 4155
Seq Number: 744909

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	9700	2600	290	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-2(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318116-012** Date Collected: **Nov-18-08 08:40** Date Received: **Nov-19-08 09:55**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 12:33 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	37	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	58	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	54	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	33	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	39	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	57	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	43	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	79	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	42	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	63	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	29	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	49	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	450	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	55	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	U	2500	340	ug/kg	U	50
Benzene	71-43-2	730	250	25	ug/kg		50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	47	ug/kg	U	50
Bromomethane	74-83-9	270	250	120	ug/kg		50
Carbon disulfide	75-15-0	U	250	71	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	36	ug/kg	U	50
Chlorobenzene	108-90-7	U	490	28	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	36	ug/kg	U	50
Chloromethane	74-87-3	U	250	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	32	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	26	ug/kg	U	50
Cyclohexane	110-82-7	U	250	46	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	49	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	58	ug/kg	U	50
Ethylbenzene	100-41-4	U	250	28	ug/kg	U	50
Isopropylbenzene	98-82-8	U	250	37	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	490	59	ug/kg	U	50
Methyl acetate	79-20-9	U	250	46	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	34	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	53	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318116-012**	Date Collected: **Nov-18-08 08:40**	Date Received: **Nov-19-08 09:55**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 12:33 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
o-Xylene	95-47-6	U	250	35	ug/kg	U	50
Styrene	100-42-5	U	250	36	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	51	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	38	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	33	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	99	ug/kg	U	50
Xylenes, Total	1330-20-7	U	250		ug/kg	U	50

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-7** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-013** Date Collected: **Nov-18-08 09:40** Date Received: **Nov-19-08 09:55**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 16:45 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 12:25 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.0010	0.0002	mg/L	U	1
PCB-1221	11104-28-2	U	0.0010	0.0002	mg/L	U	1
PCB-1232	11141-16-5	U	0.0010	0.0002	mg/L	U	1
PCB-1242	53469-21-9	U	0.0010	0.0001	mg/L	U	1
PCB-1248	12672-29-6	U	0.0010	0.0002	mg/L	U	1
PCB-1254	11097-69-1	U	0.0010	0.0002	mg/L	U	1
PCB-1260	11096-82-5	U	0.0010	0.0002	mg/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:25 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-7** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-013** Date Collected: **Nov-18-08 09:40** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 20:40 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-7**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-013**	Date Collected: **Nov-18-08 09:40**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 20:40 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458

Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-7** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-013** Date Collected: **Nov-18-08 09:40** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-20-08 00:14 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-7** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-013** Date Collected: **Nov-18-08 09:40** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-20-08 00:14 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 12:37 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743424

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-26-08 03:05 Analyst: BRZ Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741587

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	0.76	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	4.60	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40608**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-014**	Date Collected: **Nov-18-08 00:00**	Date Received: **Nov-19-08 09:55**

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 16:48 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 12:48 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.0010	0.0002	mg/L	U	1
PCB-1221	11104-28-2	U	0.0010	0.0002	mg/L	U	1
PCB-1232	11141-16-5	U	0.0010	0.0002	mg/L	U	1
PCB-1242	53469-21-9	U	0.0010	0.0001	mg/L	U	1
PCB-1248	12672-29-6	U	0.0010	0.0002	mg/L	U	1
PCB-1254	11097-69-1	U	0.0010	0.0002	mg/L	U	1
PCB-1260	11096-82-5	U	0.0010	0.0002	mg/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:27 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40608**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-014**	Date Collected: **Nov-18-08 00:00**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 21:08 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458

Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	5.00	0.715	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	5.00	0.915	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	5.00	1.06	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	5.00	0.805	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	5.00	1.31	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	5.00	0.820	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	5.00	0.890	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	5.00	0.815	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	10.0	3.56	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	5.00	1.07	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	5.00	1.36	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	5.00	0.645	ug/L	U	1
2-Chlorophenol	95-57-8	U	5.00	0.915	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	5.00	0.595	ug/L	U	1
2-methylphenol	95-48-7	U	5.00	1.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	10.0	1.18	ug/L	U	1
2-Nitrophenol	88-75-5	U	5.00	0.975	ug/L	U	1
3&4-Methylphenol		U	10.0	1.28	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	10.0	1.94	ug/L	U	1
3-Nitroaniline	99-09-2	U	10.0	1.38	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	10.0	0.700	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	5.00	1.06	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	5.00	1.09	ug/L	U	1
4-Chloroaniline	106-47-8	U	5.00	1.55	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	5.00	0.675	ug/L	U	1
4-Nitroaniline	100-01-6	U	10.0	1.60	ug/L	U	1
4-Nitrophenol	100-02-7	U	10.0	1.21	ug/L	U	1
Acenaphthene	83-32-9	U	5.00	0.715	ug/L	U	1
Acenaphthylene	208-96-8	U	5.00	0.740	ug/L	U	1
Anthracene	120-12-7	U	5.00	1.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	5.00	0.950	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	5.00	0.900	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	5.00	0.985	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	5.00	0.985	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	5.00	1.36	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	5.00	0.625	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	5.00	0.890	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	5.00	0.600	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	5.00	0.910	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40608**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-014**	Date Collected: **Nov-18-08 00:00**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 21:08 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458

Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	5.00	0.910	ug/L	U	1
Chrysene	218-01-9	U	5.00	1.05	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	5.00	0.915	ug/L	U	1
Dibenzofuran	132-64-9	U	5.00	0.820	ug/L	U	1
Diethyl Phthalate	84-66-2	U	5.00	0.950	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	5.00	0.985	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	5.00	1.04	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	5.00	0.690	ug/L	U	1
Fluoranthene	206-44-0	U	5.00	0.905	ug/L	U	1
Fluorene	86-73-7	U	5.00	0.780	ug/L	U	1
Hexachlorobenzene	118-74-1	U	5.00	1.11	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	5.00	0.890	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	5.00	0.935	ug/L	U	1
Hexachloroethane	67-72-1	U	5.00	1.19	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	5.00	0.935	ug/L	U	1
Isophorone	78-59-1	U	5.00	0.705	ug/L	U	1
Naphthalene	91-20-3	U	5.00	0.760	ug/L	U	1
Nitrobenzene	98-95-3	U	5.00	0.745	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	5.00	0.680	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	5.00	1.25	ug/L	U	1
Pentachlorophenol	87-86-5	U	10.0	1.13	ug/L	U	1
Phenanthrene	85-01-8	U	5.00	1.02	ug/L	U	1
Phenol	108-95-2	U	5.00	0.880	ug/L	U	1
Pyrene	129-00-0	U	5.00	1.20	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40608**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-014**	Date Collected: **Nov-18-08 00:00**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-23-08 23:05 Analyst: 4124 Date Prep: Dec-23-08 18:55 Tech: 4124

Seq Number: 744592

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DUP 40608**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-014**	Date Collected: **Nov-18-08 00:00**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-23-08 23:05 Analyst: 4124 Date Prep: Dec-23-08 18:55 Tech: 4124
Seq Number: 744592

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 20:48 Analyst: ANI Date Prep: Dec-12-08 18:15 Tech: ANI
Seq Number: 743425

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-26-08 04:12 Analyst: BRZ Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741587

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	0.95	0.60	0.052	mg/L		1

Project: Xenco-Atlanta Master Project

Version: 1.054

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-15**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-015**	Date Collected: **Nov-18-08 10:00**	Date Received: **Nov-19-08 09:55**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 16:52 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 13:12 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.0010	0.0002	mg/L	U	1
PCB-1221	11104-28-2	U	0.0010	0.0002	mg/L	U	1
PCB-1232	11141-16-5	U	0.0010	0.0002	mg/L	U	1
PCB-1242	53469-21-9	U	0.0010	0.0001	mg/L	U	1
PCB-1248	12672-29-6	U	0.0010	0.0002	mg/L	U	1
PCB-1254	11097-69-1	U	0.0010	0.0002	mg/L	U	1
PCB-1260	11096-82-5	U	0.0010	0.0002	mg/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 19:28 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-15** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-015** Date Collected: **Nov-18-08 10:00** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 21:35 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-15**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318116-015**	Date Collected: **Nov-18-08 10:00**	Date Received: **Nov-19-08 09:55**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 21:35 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458

Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-15** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-015** Date Collected: **Nov-18-08 10:00** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-20-08 00:43 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.054

Certificate of Analytical Results 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-15** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318116-015** Date Collected: **Nov-18-08 10:00** Date Received: **Nov-19-08 09:55**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-20-08 00:43 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 21:19 Analyst: ANI Date Prep: Dec-12-08 18:15 Tech: ANI
Seq Number: 743425

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-26-08 10:20 Analyst: BRZ Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741587

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	3.9	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741291

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	6.20	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.054

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL and above the SQL.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741684 **Sample:** 318116-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.312	0.500	62	12-155	
Tetrachloro-m-xylene	0.474	0.500	95	22-146	

Lab Batch #: 741684 **Sample:** 318116-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.310	0.500	62	12-155	
Tetrachloro-m-xylene	0.403	0.500	81	22-146	

Lab Batch #: 741684 **Sample:** 318116-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.127	0.500	25	12-155	
Tetrachloro-m-xylene	0.412	0.500	82	22-146	

Lab Batch #: 741684 **Sample:** 318116-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.144	0.500	29	12-155	
Tetrachloro-m-xylene	0.368	0.500	74	22-146	

Lab Batch #: 741684 **Sample:** 318116-006 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.435	0.500	87	12-155	
Tetrachloro-m-xylene	0.455	0.500	91	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741684 **Sample:** 318116-006 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.437	0.500	87	12-155	
Tetrachloro-m-xylene	0.415	0.500	83	22-146	

Lab Batch #: 741684 **Sample:** 318116-007 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.383	0.500	77	12-155	
Tetrachloro-m-xylene	0.328	0.500	66	22-146	

Lab Batch #: 741684 **Sample:** 318116-007 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.383	0.500	77	12-155	
Tetrachloro-m-xylene	0.264	0.500	53	22-146	

Lab Batch #: 741684 **Sample:** 318116-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.319	0.500	64	12-155	
Tetrachloro-m-xylene	0.404	0.500	81	22-146	

Lab Batch #: 741684 **Sample:** 318116-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.324	0.500	65	12-155	
Tetrachloro-m-xylene	0.406	0.500	81	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741684 **Sample:** 318116-010 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.201	0.500	40	12-155	
Tetrachloro-m-xylene	0.432	0.500	86	22-146	

Lab Batch #: 741684 **Sample:** 318116-010 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.209	0.500	42	12-155	
Tetrachloro-m-xylene	0.413	0.500	83	22-146	

Lab Batch #: 741684 **Sample:** 318116-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.174	0.500	35	12-155	
Tetrachloro-m-xylene	0.417	0.500	83	22-146	

Lab Batch #: 741684 **Sample:** 318116-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.181	0.500	36	12-155	
Tetrachloro-m-xylene	0.401	0.500	80	22-146	

Lab Batch #: 741684 **Sample:** 318116-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.402	0.500	80	12-155	
Tetrachloro-m-xylene	0.389	0.500	78	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741684 **Sample:** 318116-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.401	0.500	80	12-155	
Tetrachloro-m-xylene	0.353	0.500	71	22-146	

Lab Batch #: 741684 **Sample:** 318116-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.411	0.500	82	12-155	
Tetrachloro-m-xylene	0.481	0.500	96	22-146	

Lab Batch #: 741684 **Sample:** 318116-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.408	0.500	82	12-155	
Tetrachloro-m-xylene	0.438	0.500	88	22-146	

Lab Batch #: 741684 **Sample:** 318116-015 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.494	0.500	99	12-155	
Tetrachloro-m-xylene	0.499	0.500	100	22-146	

Lab Batch #: 741684 **Sample:** 318116-015 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.488	0.500	98	12-155	
Tetrachloro-m-xylene	0.486	0.500	97	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741684 **Sample:** 519920-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	4.73	5.00	95	12-155	
Tetrachloro-m-xylene	4.62	5.00	92	22-146	

Lab Batch #: 741684 **Sample:** 519920-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	4.57	5.00	91	12-155	
Tetrachloro-m-xylene	4.13	5.00	83	22-146	

Lab Batch #: 741684 **Sample:** 519920-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	5.08	5.00	102	12-155	
Tetrachloro-m-xylene	4.53	5.00	91	22-146	

Lab Batch #: 741684 **Sample:** 519920-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	4.89	5.00	98	12-155	
Tetrachloro-m-xylene	3.98	5.00	80	22-146	

Lab Batch #: 741684 **Sample:** 519920-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	5.37	5.00	107	12-155	
Tetrachloro-m-xylene	5.17	5.00	103	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741684 **Sample:** 519920-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	5.16	5.00	103	12-155	
Tetrachloro-m-xylene	4.43	5.00	89	22-146	

Lab Batch #: 742446 **Sample:** 318116-004 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	43.6	50.0	87	19-203	
Tetrachloro-m-xylene	47.2	50.0	94	19-191	

Lab Batch #: 742446 **Sample:** 318116-004 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	45.6	50.0	91	19-203	
Tetrachloro-m-xylene	42.5	50.0	85	19-191	

Lab Batch #: 742446 **Sample:** 318116-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	16.9	43.9	38	19-203	
Tetrachloro-m-xylene	21.2	43.9	48	19-191	

Lab Batch #: 742446 **Sample:** 318116-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	19.9	43.9	45	19-203	
Tetrachloro-m-xylene	21.1	43.9	48	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 742446 **Sample:** 318116-009 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	42.0	50.0	84	19-203	
Tetrachloro-m-xylene	49.7	50.0	99	19-191	

Lab Batch #: 742446 **Sample:** 318116-009 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	45.8	50.0	92	19-203	
Tetrachloro-m-xylene	50.6	50.0	101	19-191	

Lab Batch #: 742446 **Sample:** 318116-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	21.0	45.5	46	19-203	
Tetrachloro-m-xylene	25.2	45.5	55	19-191	

Lab Batch #: 742446 **Sample:** 318116-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	23.3	45.5	51	19-203	
Tetrachloro-m-xylene	24.5	45.5	54	19-191	

Lab Batch #: 742446 **Sample:** 318116-003 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	16.7	41.3	40	19-203	
Tetrachloro-m-xylene	19.9	41.3	48	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 742446 **Sample:** 318116-003 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	18.6	41.3	45	19-203	
Tetrachloro-m-xylene	19.7	41.3	48	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	33.9	50.0	68	19-203	
Tetrachloro-m-xylene	47.0	50.0	94	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	42.1	50.0	84	19-203	
Tetrachloro-m-xylene	46.7	50.0	93	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	33.2	50.0	66	19-203	
Tetrachloro-m-xylene	46.5	50.0	93	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	42.5	50.0	85	19-203	
Tetrachloro-m-xylene	47.7	50.0	95	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 742446 **Sample:** 520525-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	34.3	50.0	69	19-203	
Tetrachloro-m-xylene	47.2	50.0	94	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	42.4	50.0	85	19-203	
Tetrachloro-m-xylene	46.5	50.0	93	19-191	

Lab Batch #: 743573 **Sample:** 318116-003 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	101	92.6	109	30-115	
2-Fluorophenol	170	185	92	25-121	
Nitrobenzene-d5	85.4	92.6	92	23-120	
Phenol-d6	186	185	101	24-113	
Terphenyl-D14	103	92.6	111	18-137	
2,4,6-Tribromophenol	125	185	68	19-122	

Lab Batch #: 743573 **Sample:** 318116-004 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	85.6	85.5	100	30-115	
2-Fluorophenol	110	171	64	25-121	
Nitrobenzene-d5	90.5	85.5	106	23-120	
Phenol-d6	136	171	80	24-113	
Terphenyl-D14	89.7	85.5	105	18-137	
2,4,6-Tribromophenol	125	171	73	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 743573 **Sample:** 318116-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	73.4	96.2	76	30-115	
2-Fluorophenol	96.9	192	50	25-121	
Nitrobenzene-d5	47.4	96.2	49	23-120	
Phenol-d6	32.6	192	17	24-113	**
Terphenyl-D14	97.8	96.2	102	18-137	
2,4,6-Tribromophenol	130	192	68	19-122	

Lab Batch #: 743573 **Sample:** 318116-009 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	101	90.1	112	30-115	
2-Fluorophenol	150	180	83	25-121	
Nitrobenzene-d5	85.3	90.1	95	23-120	
Phenol-d6	194	180	108	24-113	
Terphenyl-D14	100	90.1	111	18-137	
2,4,6-Tribromophenol	129	180	72	19-122	

Lab Batch #: 743573 **Sample:** 318116-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	98.0	100	98	30-115	
2-Fluorophenol	165	200	83	25-121	
Nitrobenzene-d5	82.3	100	82	23-120	
Phenol-d6	143	200	72	24-113	
Terphenyl-D14	96.9	100	97	18-137	
2,4,6-Tribromophenol	135	200	68	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 743573 **Sample:** 521165-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	78.4	100	78	30-115	
2-Fluorophenol	140	200	70	25-121	
Nitrobenzene-d5	77.9	100	78	23-120	
Phenol-d6	170	200	85	24-113	
Terphenyl-D14	80.2	100	80	18-137	
2,4,6-Tribromophenol	127	200	64	19-122	

Lab Batch #: 743573 **Sample:** 521165-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	88.3	100	88	30-115	
2-Fluorophenol	178	200	89	25-121	
Nitrobenzene-d5	61.5	100	62	23-120	
Phenol-d6	194	200	97	24-113	
Terphenyl-D14	93.3	100	93	18-137	
2,4,6-Tribromophenol	160	200	80	19-122	

Lab Batch #: 743573 **Sample:** 521165-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	83.2	100	83	30-115	
2-Fluorophenol	72.7	200	36	25-121	
Nitrobenzene-d5	75.1	100	75	23-120	
Phenol-d6	80.8	200	40	24-113	
Terphenyl-D14	88.5	100	89	18-137	
2,4,6-Tribromophenol	137	200	69	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741704 **Sample:** 317938-001 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	77.3	100	77	32-117	
2-Fluorobiphenyl	30.3	50.0	61	35-96	
2-Fluorophenol	65.9	100	66	29-87	
Nitrobenzene-d5	33.5	50.0	67	22-108	
Phenol-d5	70.6	100	71	28-88	
Terphenyl-D14	14.6	50.0	29	18-133	

Lab Batch #: 741704 **Sample:** 317938-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	67.0	100	67	32-117	
2-Fluorobiphenyl	26.0	50.0	52	35-96	
2-Fluorophenol	52.3	100	52	29-87	
Nitrobenzene-d5	29.4	50.0	59	22-108	
Phenol-d5	51.9	100	52	28-88	
Terphenyl-D14	13.7	50.0	27	18-133	

Lab Batch #: 741704 **Sample:** 318116-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	17.1	50.0	34	32-117	
2-Fluorobiphenyl	8.13	25.0	33	35-96	**
2-Fluorophenol	14.8	50.0	30	29-87	
Nitrobenzene-d5	7.98	25.0	32	22-108	
Phenol-d5	13.9	50.0	28	28-88	
Terphenyl-D14	9.56	25.0	38	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741704 **Sample:** 318116-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	83.1	500	17	32-117	**
2-Fluorobiphenyl	U	250	0	35-96	**
2-Fluorophenol	65.0	500	13	29-87	**
Nitrobenzene-d5	36.4	250	15	22-108	**
Phenol-d5	79.9	500	16	28-88	**
Terphenyl-D14	22.8	250	9	18-133	**

Lab Batch #: 741704 **Sample:** 318116-006 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	79.7	100	80	32-117	
2-Fluorobiphenyl	37.0	50.0	74	35-96	
2-Fluorophenol	70.4	100	70	29-87	
Nitrobenzene-d5	36.0	50.0	72	22-108	
Phenol-d5	77.4	100	77	28-88	
Terphenyl-D14	35.4	50.0	71	18-133	

Lab Batch #: 741704 **Sample:** 318116-007 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	74.7	100	75	32-117	
2-Fluorobiphenyl	33.5	50.0	67	35-96	
2-Fluorophenol	62.9	100	63	29-87	
Nitrobenzene-d5	32.4	50.0	65	22-108	
Phenol-d5	69.2	100	69	28-88	
Terphenyl-D14	23.4	50.0	47	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741704 **Sample:** 318116-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	37.3	50.0	75	32-117	
2-Fluorobiphenyl	11.3	25.0	45	35-96	
2-Fluorophenol	30.1	50.0	60	29-87	
Nitrobenzene-d5	14.8	25.0	59	22-108	
Phenol-d5	33.9	50.0	68	28-88	
Terphenyl-D14	6.94	25.0	28	18-133	

Lab Batch #: 741704 **Sample:** 318116-010 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	37.4	100	37	32-117	
2-Fluorobiphenyl	17.2	50.0	34	35-96	**
2-Fluorophenol	33.1	100	33	29-87	
Nitrobenzene-d5	17.0	50.0	34	22-108	
Phenol-d5	34.9	100	35	28-88	
Terphenyl-D14	18.9	50.0	38	18-133	

Lab Batch #: 741704 **Sample:** 318116-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	85.8	100	86	32-117	
2-Fluorobiphenyl	33.8	50.0	68	35-96	
2-Fluorophenol	61.4	100	61	29-87	
Nitrobenzene-d5	33.5	50.0	67	22-108	
Phenol-d5	73.2	100	73	28-88	
Terphenyl-D14	22.2	50.0	44	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741704 **Sample:** 318116-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	86.3	100	86	32-117	
2-Fluorobiphenyl	34.8	50.0	70	35-96	
2-Fluorophenol	61.8	100	62	29-87	
Nitrobenzene-d5	32.5	50.0	65	22-108	
Phenol-d5	73.9	100	74	28-88	
Terphenyl-D14	28.6	50.0	57	18-133	

Lab Batch #: 741704 **Sample:** 318116-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	15.4	50.0	31	32-117	**
2-Fluorobiphenyl	6.43	25.0	26	35-96	**
2-Fluorophenol	11.3	50.0	23	29-87	**
Nitrobenzene-d5	6.22	25.0	25	22-108	
Phenol-d5	12.1	50.0	24	28-88	**
Terphenyl-D14	3.81	25.0	15	18-133	**

Lab Batch #: 741704 **Sample:** 318116-015 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	44.8	100	45	32-117	
2-Fluorobiphenyl	44.7	50.0	89	35-96	
2-Fluorophenol	36.5	100	37	29-87	
Nitrobenzene-d5	18.6	50.0	37	22-108	
Phenol-d5	16.7	100	17	28-88	**
Terphenyl-D14	15.7	50.0	31	18-133	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741704 **Sample:** 519814-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	77.7	100	78	32-117	
2-Fluorobiphenyl	38.5	50.0	77	35-96	
2-Fluorophenol	72.0	100	72	29-87	
Nitrobenzene-d5	37.2	50.0	74	22-108	
Phenol-d5	79.6	100	80	28-88	
Terphenyl-D14	41.4	50.0	83	18-133	

Lab Batch #: 741704 **Sample:** 519814-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,4,6-Tribromophenol	76.6	100	77	32-117	
2-Fluorobiphenyl	36.7	50.0	73	35-96	
2-Fluorophenol	73.8	100	74	29-87	
Nitrobenzene-d5	37.4	50.0	75	22-108	
Phenol-d5	81.9	100	82	28-88	
Terphenyl-D14	42.0	50.0	84	18-133	

Lab Batch #: 744229 **Sample:** 318116-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	45.02	50.00	90	53-159	
4-Bromofluorobenzene	47.60	50.00	95	30-186	
Toluene-D8	55.77	50.00	112	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 744229 **Sample:** 521564-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.90	50.00	112	53-159	
4-Bromofluorobenzene	45.54	50.00	91	30-186	
Toluene-D8	51.95	50.00	104	70-130	

Lab Batch #: 744229 **Sample:** 521564-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	58.51	50.00	117	53-159	
4-Bromofluorobenzene	45.55	50.00	91	30-186	
Toluene-D8	48.82	50.00	98	70-130	

Lab Batch #: 744230 **Sample:** 318116-001 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.13	50.00	110	53-159	
4-Bromofluorobenzene	46.20	50.00	92	30-186	
Toluene-D8	50.15	50.00	100	70-130	

Lab Batch #: 744230 **Sample:** 318116-006 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	52.63	50.00	105	53-159	
4-Bromofluorobenzene	47.26	50.00	95	30-186	
Toluene-D8	50.58	50.00	101	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 744230 **Sample:** 318116-007 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	54.58	50.00	109	53-159	
4-Bromofluorobenzene	46.83	50.00	94	30-186	
Toluene-D8	50.86	50.00	102	70-130	

Lab Batch #: 744230 **Sample:** 318116-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	54.79	50.00	110	53-159	
4-Bromofluorobenzene	46.73	50.00	93	30-186	
Toluene-D8	50.16	50.00	100	70-130	

Lab Batch #: 744230 **Sample:** 318116-010 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	54.28	50.00	109	53-159	
4-Bromofluorobenzene	46.09	50.00	92	30-186	
Toluene-D8	51.22	50.00	102	70-130	

Lab Batch #: 744230 **Sample:** 318116-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	54.13	50.00	108	53-159	
4-Bromofluorobenzene	46.00	50.00	92	30-186	
Toluene-D8	50.43	50.00	101	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 744230 **Sample:** 318116-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.52	50.00	111	53-159	
4-Bromofluorobenzene	45.99	50.00	92	30-186	
Toluene-D8	49.72	50.00	99	70-130	

Lab Batch #: 744230 **Sample:** 318116-015 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56.16	50.00	112	53-159	
4-Bromofluorobenzene	45.89	50.00	92	30-186	
Toluene-D8	49.31	50.00	99	70-130	

Lab Batch #: 744230 **Sample:** 318164-014 D / MD **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.28	50.00	111	53-159	
4-Bromofluorobenzene	45.80	50.00	92	30-186	
Toluene-D8	48.89	50.00	98	70-130	

Lab Batch #: 744230 **Sample:** 521565-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	48.64	50.00	97	53-159	
4-Bromofluorobenzene	46.64	50.00	93	30-186	
Toluene-D8	50.34	50.00	101	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 744230 **Sample:** 521565-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.73	50.00	111	53-159	
4-Bromofluorobenzene	45.23	50.00	90	30-186	
Toluene-D8	49.89	50.00	100	70-130	

Lab Batch #: 744592 **Sample:** 318116-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	59.11	50.00	118	53-159	
4-Bromofluorobenzene	46.63	50.00	93	30-186	
Toluene-D8	50.44	50.00	101	70-130	

Lab Batch #: 744592 **Sample:** 521799-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56	50.00	112	53-159	
4-Bromofluorobenzene	46	50.00	92	30-186	
Toluene-D8	50	50.00	100	70-130	

Lab Batch #: 744592 **Sample:** 521799-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	60.18	50.00	120	53-159	
4-Bromofluorobenzene	46.62	50.00	94	30-186	
Toluene-D8	50.42	50.00	100	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 743424 **Sample:** 318116-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743424 **Sample:** 318116-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743424 **Sample:** 318116-010 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743424 **Sample:** 318116-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743424 **Sample:** 318116-011 S / MS **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 743424 **Sample:** 318116-011 SD / MSD **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743424 **Sample:** 318116-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743424 **Sample:** 521064-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743424 **Sample:** 521064-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743425 **Sample:** 318116-006 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 743425 **Sample:** 318116-006 S / MS **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.080	0.10	80	64-123	

Lab Batch #: 743425 **Sample:** 318116-006 SD / MSD **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743425 **Sample:** 318116-007 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	64-123	

Lab Batch #: 743425 **Sample:** 318116-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743425 **Sample:** 318116-015 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 743425 **Sample:** 521065-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743425 **Sample:** 521065-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743462 **Sample:** 318116-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743462 **Sample:** 320267-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743462 **Sample:** 320267-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 743462 **Sample:** 521088-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743462 **Sample:** 521088-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743961 **Sample:** 318116-003 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743961 **Sample:** 318116-004 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	66-121	

Lab Batch #: 743961 **Sample:** 318116-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 743961 **Sample:** 318116-009 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743961 **Sample:** 318116-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	66-121	

Lab Batch #: 743961 **Sample:** 318116-012 D / MD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743961 **Sample:** 521412-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

Lab Batch #: 743961 **Sample:** 521412-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741587 **Sample:** 318116-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.023	0.050	46	31-115	

Lab Batch #: 741587 **Sample:** 318116-010 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.044	0.10	44	31-115	

Lab Batch #: 741587 **Sample:** 318116-011 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.031	0.050	62	31-115	

Lab Batch #: 741587 **Sample:** 318116-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.028	0.050	56	31-115	

Lab Batch #: 741587 **Sample:** 318116-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.040	0.10	40	31-115	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741587 **Sample:** 318116-015 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.080	0.050	160	31-115	**

Lab Batch #: 741587 **Sample:** 519932-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.050	0.050	100	31-115	

Lab Batch #: 741587 **Sample:** 519932-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.053	0.050	106	31-115	

Lab Batch #: 741587 **Sample:** 519932-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.047	0.050	94	31-115	

Lab Batch #: 741604 **Sample:** 318116-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.040	0.050	80	31-115	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741604 **Sample:** 318116-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.0069	0.010	69	31-115	

Lab Batch #: 741604 **Sample:** 318116-006 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.045	0.050	90	31-115	

Lab Batch #: 741604 **Sample:** 318116-007 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.038	0.050	76	31-115	

Lab Batch #: 741604 **Sample:** 519808-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.044	0.050	88	31-115	

Lab Batch #: 741604 **Sample:** 519808-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.049	0.050	98	31-115	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 741604 **Sample:** 519808-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.056	0.050	112	31-115	

Lab Batch #: 744909 **Sample:** 318116-003 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	95	88	108	32-116	

Lab Batch #: 744909 **Sample:** 318116-004 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	73	75	97	32-116	

Lab Batch #: 744909 **Sample:** 318116-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	110	96	115	32-116	

Lab Batch #: 744909 **Sample:** 318116-009 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	78	100	78	32-116	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 744909 **Sample:** 318116-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	98	85	115	32-116	

Lab Batch #: 744909 **Sample:** 8406037-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	89	100	89	32-116	

Lab Batch #: 744909 **Sample:** 8406037-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	110	100	110	32-116	

Lab Batch #: 744909 **Sample:** 8406037-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	89	100	89	32-116	

Lab Batch #: 744380 **Sample:** 318116-003 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53	50	106	53-135	
4-Bromofluorobenzene	43	50	86	53-175	
Toluene-D8	52	50	104	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 744380 **Sample:** 318116-004 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53	50	106	53-135	
4-Bromofluorobenzene	43	50	86	53-175	
Toluene-D8	51	50	102	56-126	

Lab Batch #: 744380 **Sample:** 318116-005 / DL **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	58	50	116	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 744380 **Sample:** 318116-005 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	54	50	108	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 744380 **Sample:** 318116-009 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55	50	110	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	50	50	100	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318116, **Project ID:** 08040

Lab Batch #: 744380 **Sample:** 318116-012 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55	50	110	53-135	
4-Bromofluorobenzene	46	50	92	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 744380 **Sample:** 521666-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	48	50	96	53-135	
4-Bromofluorobenzene	47	50	94	53-175	
Toluene-D8	51	50	102	56-126	

Lab Batch #: 744380 **Sample:** 521666-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56	50	112	53-135	
4-Bromofluorobenzene	47	50	94	53-175	
Toluene-D8	51	50	102	56-126	

Lab Batch #: 744380 **Sample:** 521666-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	<0.0000	<0.0000		53-135	**
4-Bromofluorobenzene	<0.0000	<0.0000		53-175	**
Toluene-D8	<0.0000	<0.0000		56-126	**

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318116 **Project ID:** 08040

Lab Batch #: 741704 **Sample:** 519814-1-BKS **Matrix:** Water
Date Analyzed: 11/26/2008 **Date Prepared:** 11/22/2008 **Analyst:** WIB
Reporting Units: ug/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,2,4-Trichlorobenzene	<10.0	50.0	31.3	63	10-96	
1,4-Dichlorobenzene	<10.0	50.0	31.8	64	10-87	
2,4-Dinitrotoluene	<10.0	50.0	33.4	67	23-124	
2-Chlorophenol	<10.0	100	76.6	77	25-80	
4-chloro-3-methylphenol	<10.0	100	79.9	80	15-98	
4-Nitrophenol	<20.0	100	67.0	67	11-129	
Acenaphthene	<10.0	50.0	32.1	64	16-112	
N-Nitrosodi-n-Propylamine	<10.0	50.0	41.5	83	15-118	
Pentachlorophenol	<20.0	100	33.8	34	22-120	
Phenol	<10.0	100	72.6	73	12-90	
Pyrene	<10.0	50.0	30.8	62	13-130	

Lab Batch #: 744229 **Sample:** 521564-1-BKS **Matrix:** Water
Date Analyzed: 12/19/2008 **Date Prepared:** 12/19/2008 **Analyst:** 4124
Reporting Units: ug/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

TCL VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<1.0	50.0	54.0	108	70-130	
Benzene	<1.0	50.0	49.0	98	80-120	
Chlorobenzene	<1.0	50.0	50.0	100	80-120	
Toluene	<1.0	50.0	49.0	98	75-120	
Trichloroethene	<1.0	50.0	56.0	112	70-125	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318116 **Project ID:** 08040

Lab Batch #: 744230 **Sample:** 521565-1-BKS **Matrix:** Water
Date Analyzed: 12/19/2008 **Date Prepared:** 12/19/2008 **Analyst:** 4124
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<1.0	50.0	39.0	78	70-130	
Benzene	<1.0	50.0	46.0	92	80-120	
Chlorobenzene	<1.0	50.0	51.0	102	80-120	
Toluene	<1.0	50.0	49.0	98	75-120	
Trichloroethene	<1.0	50.0	50.0	100	70-125	

Lab Batch #: 744592 **Sample:** 521799-1-BKS **Matrix:** Water
Date Analyzed: 12/23/2008 **Date Prepared:** 12/23/2008 **Analyst:** 4124
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<5.0	50	55	110	70-130	
Benzene	<5.0	50	48	96	80-120	
Chlorobenzene	<5.0	50	52	104	80-120	
Toluene	<5.0	50	50	100	75-120	
Trichloroethene	<5.0	50	48	96	70-125	

Lab Batch #: 743424 **Sample:** 521064-1-BKS **Matrix:** Water
Date Analyzed: 12/12/2008 **Date Prepared:** 12/12/2008 **Analyst:** ANI
Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.1	110	69-121	

Lab Batch #: 743425 **Sample:** 521065-1-BKS **Matrix:** Water
Date Analyzed: 12/12/2008 **Date Prepared:** 12/12/2008 **Analyst:** ANI
Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.1	110	69-121	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318116 **Project ID:** 08040

Lab Batch #: 743462 **Sample:** 521088-1-BKS **Matrix:** Water
Date Analyzed: 12/14/2008 **Date Prepared:** 12/14/2008 **Analyst:** ANI
Reporting Units: mg/L **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.1	110	69-121	

Lab Batch #: 743961 **Sample:** 521412-1-BKS **Matrix:** Solid
Date Analyzed: 12/17/2008 **Date Prepared:** 12/17/2008 **Analyst:** ANI
Reporting Units: mg/kg **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<10	50	54	108	71-125	

Lab Batch #: 744380 **Sample:** 521666-1-BKS **Matrix:** Solid
Date Analyzed: 12/22/2008 **Date Prepared:** 12/22/2008 **Analyst:** 4124
Reporting Units: ug/kg **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<250	2500	2700	108	35-170	
Benzene	<250	2500	2500	100	38-158	
Chlorobenzene	<500	2500	2600	104	47-153	
Toluene	<250	2500	2600	104	50-150	
Trichloroethene	<250	2500	2600	104	50-150	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318116 **Project ID:** 08040

Analyst: 4099 **Date Prepared:** 12/23/2008 **Date Analyzed:** 12/23/2008

Lab Batch ID: 744717 **Sample:** 744717-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	79	98	81	79	98	0	75-140	25	

Analyst: 4099 **Date Prepared:** 11/24/2008 **Date Analyzed:** 11/24/2008

Lab Batch ID: 741488 **Sample:** 741488-1-BKS **Batch #:** 1 **Matrix:** Water

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	80.0	99	81	82.0	101	2	70-140	25	

Analyst: 4099 **Date Prepared:** 11/25/2008 **Date Analyzed:** 11/25/2008

Lab Batch ID: 741676 **Sample:** 741676-1-BKS **Batch #:** 1 **Matrix:** Water

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	80.0	99	81	80.0	99	0	70-140	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318116 **Project ID:** 08040

Analyst: 4099 **Date Prepared:** 12/23/2008 **Date Analyzed:** 12/23/2008

Lab Batch ID: 744718 **Sample:** 744718-1-BKS **Batch #:** 1 **Matrix:** Water

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	80.0	99	81	80.0	99	0	70-140	25	

Analyst: 4150 **Date Prepared:** 11/22/2008 **Date Analyzed:** 11/24/2008

Lab Batch ID: 741300 **Sample:** 519783-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0020	0.0030	0.0031	103	0.003	0.0031	103	0	75-125	20	

Analyst: 4150 **Date Prepared:** 11/22/2008 **Date Analyzed:** 11/24/2008

Lab Batch ID: 741303 **Sample:** 519782-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7471A Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0500	0.5000	0.5578	112	0.5	0.5223	104	7	85-115	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318116 **Project ID:** 08040

Analyst: VCH **Date Prepared:** 11/25/2008 **Date Analyzed:** 11/25/2008

Lab Batch ID: 741684 **Sample:** 519920-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

PCBs by SW846 8082 Col Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
2 PCB-1016	<0.010	0.050	0.049	98	0.05	0.042	84	15	30-170	30	
2 PCB-1260	<0.010	0.050	0.041	82	0.05	0.048	96	16	30-170	30	

Analyst: VCH **Date Prepared:** 12/04/2008 **Date Analyzed:** 12/04/2008

Lab Batch ID: 742446 **Sample:** 520525-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: ug/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

PCBs by SW846 8082 Col Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
2 PCB-1016	<100	500	410	82	500	430	86	5	17-171	30	
2 PCB-1260	<100	500	360	72	500	370	74	3	33-193	30	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318116
Project ID: 08040
Analyst: 11
Date Prepared: 11/22/2008
Date Analyzed: 11/24/2008
Lab Batch ID: 741315
Sample: 519781-1-BKS
Batch #: 1
Matrix: Solid
Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<5.00	100	91.7	92	100	91.9	92	0	75-125	20	
Barium	<5.00	100	94.2	94	100	93.9	94	0	75-125	20	
Cadmium	<0.500	100	95.3	95	100	95.3	95	0	75-125	20	
Chromium	<5.00	100	97.2	97	100	96.6	97	1	75-125	20	
Lead	<5.00	100	93.8	94	100	94.0	94	0	75-125	20	
Selenium	<5.00	100	92.8	93	100	93.0	93	0	75-125	20	
Silver	<5.00	100	91.5	92	100	91.3	91	0	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318116
Project ID: 08040
Analyst: 4150
Date Prepared: 11/21/2008
Date Analyzed: 11/24/2008
Lab Batch ID: 741306
Sample: 519767-1-BKS
Batch #: 1
Matrix: Water
Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	0.946	95	1	0.937	94	1	75-125	20	
Barium	<0.050	1.00	0.952	95	1	0.953	95	0	75-125	20	
Cadmium	<0.005	1.00	0.981	98	1	0.980	98	0	75-125	20	
Chromium	<0.050	1.00	0.986	99	1	0.989	99	0	75-125	20	
Lead	<0.010	1.00	0.969	97	1	0.963	96	1	75-125	20	
Selenium	<0.010	1.00	0.967	97	1	0.962	96	1	75-125	20	
Silver	<0.050	1.00	0.937	94	1	0.942	94	1	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318116 **Project ID:** 08040

Analyst: KAN **Date Prepared:** 12/08/2008 **Date Analyzed:** 12/12/2008

Lab Batch ID: 743573 **Sample:** 521165-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<100	100	96.0	96	100	111	111	14	37-133	25	
1,4-Dichlorobenzene	<100	100	92.2	92	100	108	108	16	36-134	25	
2,4-Dinitrotoluene	<100	100	66.7	67	100	69.1	69	4	40-130	25	
2-Chlorophenol	<100	200	148	74	200	179	90	19	25-140	25	
4-chloro-3-methylphenol	<100	200	183	92	200	183	92	0	28-134	25	
4-Nitrophenol	<100	200	193	97	200	183	92	5	13-106	25	
Acenaphthene	<50.0	100	101	101	100	112	112	10	41-134	25	
N-Nitrosodi-n-Propylamine	<100	100	88.9	89	100	105	105	17	53-130	25	
Pentachlorophenol	<100	200	219	110	200	221	111	1	14-111	25	
Phenol	<100	200	152	76	200	187	94	21	27-127	25	
Pyrene	<50.0	100	95.2	95	100	111	111	15	41-144	25	

Analyst: BRZ **Date Prepared:** 12/08/2008 **Date Analyzed:** 12/29/2008

Lab Batch ID: 744909 **Sample:** 8406037-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	<3000	40000	59000	148	40000	58000	145	2	14-146	20	H

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318116 **Project ID:** 08040

Analyst: BRZ **Date Prepared:** 11/21/2008 **Date Analyzed:** 11/25/2008

Lab Batch ID: 741604 **Sample:** 519808-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	<0.30	1.0	0.90	90	1	1.2	120	29	23-168	35	

Analyst: BRZ **Date Prepared:** 11/22/2008 **Date Analyzed:** 11/26/2008

Lab Batch ID: 741587 **Sample:** 519932-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	<0.30	1.0	1.1	110	1	0.93	93	17	23-168	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 318116 **Project ID:** 08040

Lab Batch ID: 741300 **QC- Sample ID:** 318116-001 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 11/24/2008 **Date Prepared:** 11/22/2008 **Analyst:** 4150
Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0020	0.0030	0.0033	110	0.0030	0.0030	100	10	75-125	20	

Lab Batch ID: 741303 **QC- Sample ID:** 318116-003 S **Batch #:** 1 **Matrix:** Solid
Date Analyzed: 11/24/2008 **Date Prepared:** 11/22/2008 **Analyst:** 4150
Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7471A Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0490	0.4902	0.2232	46	0.4902	0.2323	47	2	85-115	20	X

Lab Batch ID: 741306 **QC- Sample ID:** 317746-001 S **Batch #:** 1 **Matrix:** Liquid
Date Analyzed: 11/24/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4150
Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	0.955	96	1.00	0.953	95	1	75-125	20	
Barium	<0.050	1.00	0.961	96	1.00	0.952	95	1	75-125	20	
Cadmium	<0.005	1.00	0.975	98	1.00	0.966	97	1	75-125	20	
Chromium	<0.050	1.00	0.991	99	1.00	0.978	98	1	75-125	20	
Lead	<0.010	1.00	0.953	95	1.00	0.945	95	0	75-125	20	
Selenium	0.013	1.00	0.963	95	1.00	0.959	95	0	75-125	20	
Silver	<0.050	1.00	0.949	95	1.00	0.938	94	1	75-125	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 318116 **Project ID:** 08040

Lab Batch ID: 741315 **QC- Sample ID:** 318116-003 S **Batch #:** 1 **Matrix:** Solid

Date Analyzed: 11/24/2008 **Date Prepared:** 11/22/2008 **Analyst:** 11

Reporting Units: mg/kg

RCRA Metals by SW846-6010B Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<4.76	95.2	88.5	93	95.2	87.7	92	1	75-125	20	
Barium	9.71	95.2	101	96	95.2	101	96	0	75-125	20	
Cadmium	<0.476	95.2	89.9	94	95.2	89.6	94	0	75-125	20	
Chromium	<4.76	95.2	97.5	102	95.2	96.9	102	0	75-125	20	
Lead	<4.76	95.2	89.1	94	95.2	88.7	93	1	75-125	20	
Selenium	<4.76	95.2	87.6	92	95.2	88.0	92	0	75-125	20	
Silver	<4.76	95.2	87.7	92	95.2	87.0	91	1	75-125	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 318116 **Project ID:** 08040

Lab Batch ID: 741704 **QC- Sample ID:** 317938-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 11/26/2008 **Date Prepared:** 11/22/2008 **Analyst:** WIB

Reporting Units: ug/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<10.0	50.0	<10.0	0	50.0	<10.0	0	NC	10-96	30	X
1,4-Dichlorobenzene	<10.0	50.0	26.0	52	50.0	23.0	46	12	10-87	30	
2,4-Dinitrotoluene	<10.0	50.0	29.3	59	50.0	26.7	53	11	23-124	30	
2-Chlorophenol	<10.0	100	<10.0	0	100	<10.0	0	NC	25-80	30	X
4-chloro-3-methylphenol	<10.0	100	<10.0	0	100	<10.0	0	NC	15-98	30	X
4-Nitrophenol	<20.0	100	<20.0	0	100	<20.0	0	NC	11-129	30	X
Acenaphthene	<10.0	50.0	<10.0	0	50.0	<10.0	0	NC	16-112	30	X
N-Nitrosodi-n-Propylamine	<10.0	50.0	<10.0	0	50.0	<10.0	0	NC	15-118	30	X
Pentachlorophenol	<20.0	100	23.9	24	100	15.4	15	46	22-120	30	XF
Phenol	<10.0	100	14.5	15	100	11.4	11	31	12-90	30	XF
Pyrene	<10.0	50.0	<10.0	0	50.0	<10.0	0	NC	13-130	30	X

Lab Batch ID: 743424 **QC- Sample ID:** 318116-011 S **Batch #:** 1 **Matrix:** Liquid

Date Analyzed: 12/12/2008 **Date Prepared:** 12/12/2008 **Analyst:** ANI

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.1	110	1.0	1.0	100	10	69-121	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 318116 **Project ID:** 08040

Lab Batch ID: 743425 **QC- Sample ID:** 318116-006 S **Batch #:** 1 **Matrix:** Liquid

Date Analyzed: 12/13/2008 **Date Prepared:** 12/12/2008 **Analyst:** ANI

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	0.80	80	1.0	0.95	95	17	69-121	25	

Lab Batch ID: 743462 **QC- Sample ID:** 320267-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 12/15/2008 **Date Prepared:** 12/14/2008 **Analyst:** ANI

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.0	100	1.0	0.92	92	8	69-121	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318116

Lab Batch #: 741488 **Project ID:** 08040
Date Analyzed: 11/24/2008 **Date Prepared:** 11/24/2008 **Analyst:** 4099
QC- Sample ID: 318116-002 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140	>140	NC	25	

Lab Batch #: 741676
Date Analyzed: 11/25/2008 **Date Prepared:** 11/25/2008 **Analyst:** 4099
QC- Sample ID: 318116-007 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140	>140	NC	25	

Lab Batch #: 744717
Date Analyzed: 12/23/2008 **Date Prepared:** 12/23/2008 **Analyst:** 4099
QC- Sample ID: 317804-008 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140	>140	NC	25	

Lab Batch #: 744718
Date Analyzed: 12/23/2008 **Date Prepared:** 12/23/2008 **Analyst:** 4099
QC- Sample ID: 317804-009 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140	>140	NC	25	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318116

Lab Batch #: 741300 **Project ID:** 08040
Date Analyzed: 11/24/2008 **Date Prepared:** 11/22/2008 **Analyst:** 4150
QC- Sample ID: 318116-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY

Mercury by SW-846 7470A Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Mercury	<0.0020	<0.0020	NC	20	

Lab Batch #: 741303
Date Analyzed: 11/24/2008 **Date Prepared:** 11/22/2008 **Analyst:** 4150
QC- Sample ID: 318116-003 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY

Mercury by SW-846 7471A Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Mercury	<0.0490	<0.0490	NC	20	

Lab Batch #: 741306
Date Analyzed: 11/24/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4150
QC- Sample ID: 317746-001 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY

RCRA Metals by SW846-6010B Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Arsenic	<0.010	<0.010	NC	20	
Barium	<0.050	<0.050	NC	20	
Cadmium	<0.005	<0.005	NC	20	
Chromium	<0.050	<0.050	NC	20	
Lead	<0.010	<0.010	NC	20	
Selenium	0.013	<0.010	NC	20	
Silver	<0.050	<0.050	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318116

Lab Batch #: 741315 **Project ID:** 08040
Date Analyzed: 11/24/2008 **Date Prepared:** 11/22/2008 **Analyst:** 11
QC- Sample ID: 318116-003 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

RCRA Metals by SW846-6010B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Arsenic	<4.76	<4.76	NC	20	
Barium	9.71	11.5	17	20	
Cadmium	<0.476	<0.476	NC	20	
Chromium	<4.76	5.26	NC	20	
Lead	<4.76	<4.76	NC	20	
Selenium	<4.76	<4.76	NC	20	
Silver	<4.76	<4.76	NC	20	

Lab Batch #: 741292
Date Analyzed: 11/21/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4099
QC- Sample ID: 318164-006 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: SU

Soil pH by EPA 9045C Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	4.30	4.30	0	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318116

Lab Batch #: 744230 **Project ID:** 08040

Date Analyzed: 12/20/2008 **Date Prepared:** 12/19/2008 **Analyst:** 4124

QC- Sample ID: 318164-014 D **Batch #:** 1 **Matrix:** Liquid

Reporting Units: ug/L

TCL VOCs by SW-846 8260B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
1,1,1-Trichloroethane	<1.00	<1.00	NC	20	
1,1,2,2-Tetrachloroethane	<1.00	<1.00	NC	20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.00	<1.00	NC	20	
1,1,2-Trichloroethane	<1.00	<1.00	NC	20	
1,1-Dichloroethane	<1.00	<1.00	NC	20	
1,1-Dichloroethene	<1.00	<1.00	NC	20	
1,2,4-Trichlorobenzene	<1.00	<1.00	NC	20	
1,2-Dibromo-3-chloropropane (DBCP)	<1.00	<1.00	NC	20	
1,2-Dibromoethane (EDB)	<1.00	<1.00	NC	20	
1,2-Dichlorobenzene	<1.00	<1.00	NC	20	
1,2-Dichloroethane	<1.00	<1.00	NC	20	
1,2-Dichloropropane	<1.00	<1.00	NC	20	
1,3-Dichlorobenzene	<1.00	<1.00	NC	20	
1,4-Dichlorobenzene	<1.00	<1.00	NC	20	
2-Butanone (MEK)	<2.00	<2.00	NC	20	
2-Hexanone	<2.00	<2.00	NC	20	
4-Methyl-2-pentanone (MIBK)	<2.00	<2.00	NC	20	
Acetone	<2.00	<2.00	NC	20	
Benzene	<1.00	<1.00	NC	20	
Bromodichloromethane	<1.00	<1.00	NC	20	
Bromoform	<1.00	<1.00	NC	20	
Bromomethane	<1.00	<1.00	NC	20	
Carbon disulfide	<1.00	<1.00	NC	20	
Carbon tetrachloride	<1.00	<1.00	NC	20	
Chlorobenzene	<1.00	<1.00	NC	20	
Chloroethane	<1.00	<1.00	NC	20	
Chloroform	<1.00	<1.00	NC	20	
Chloromethane	<1.00	<1.00	NC	20	
cis-1,2-Dichloroethene	<1.00	<1.00	NC	20	
cis-1,3-Dichloropropene	<1.00	<1.00	NC	20	
Cyclohexane	<1.00	<1.00	NC	20	
Dibromochloromethane	<1.00	<1.00	NC	20	
Dichlorodifluoromethane	<1.00	<1.00	NC	20	
Ethylbenzene	<1.00	<1.00	NC	20	
Isopropylbenzene	<1.00	<1.00	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318116

Lab Batch #: 744230 **Project ID:** 08040
Date Analyzed: 12/20/2008 **Date Prepared:** 12/19/2008 **Analyst:** 4124
QC- Sample ID: 318164-014 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: ug/L

TCL VOCs by SW-846 8260B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
		Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
m,p-Xylenes	<2.00	<2.00	NC	20	
Methyl acetate	<2.00	<2.00	NC	20	
Methyl tert-butyl ether	<2.00	<2.00	NC	20	
Methylcyclohexane	<1.00	<1.00	NC	20	
Methylene chloride	<1.00	<1.00	NC	20	
o-Xylene	<1.00	<1.00	NC	20	
Styrene	<1.00	<1.00	NC	20	
Tetrachloroethene	<1.00	<1.00	NC	20	
Toluene	<1.00	<1.00	NC	20	
trans-1,2-Dichloroethene	<1.00	<1.00	NC	20	
trans-1,3-Dichloropropene	<1.00	<1.00	NC	20	
Trichloroethene	<1.00	<1.00	NC	20	
Trichlorofluoromethane	<1.00	<1.00	NC	20	
Vinyl chloride	<1.00	<1.00	NC	20	

Lab Batch #: 743961
Date Analyzed: 12/17/2008 **Date Prepared:** 12/17/2008 **Analyst:** ANI
QC- Sample ID: 318116-012 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<9.8	<9.8	NC	25	

Lab Batch #: 741291
Date Analyzed: 11/21/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4099
QC- Sample ID: 318116-015 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: SU

pH by EPA 9040 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	6.20	6.20	0	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318116

Lab Batch #: 741293 **Project ID:** 08040

Date Analyzed: 11/21/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4099

QC- Sample ID: 318164-001 D **Batch #:** 1 **Matrix:** Liquid

Reporting Units: SU

pH by EPA 9040	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	<0.000	<0.000	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519767-1-BLK** Matrix: **WATER**
Lab Sample Id: **519767-1-BLK**

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 18:38 Analyst: 4150 Date Prep: Nov-21-08 16:48 Tech: ABA
Seq Number: 741306

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519781-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519781-1-BLK**

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 21:03 Analyst: 11 Date Prep: Nov-22-08 13:19 Tech: ABA
Seq Number: 741315

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	5.00	0.617	mg/kg	U	1
Barium	7440-39-3	U	5.00	0.153	mg/kg	U	1
Cadmium	7440-43-9	U	0.500	0.021	mg/kg	U	1
Chromium	7440-47-3	U	5.00	0.096	mg/kg	U	1
Lead	7439-92-1	U	5.00	0.300	mg/kg	U	1
Selenium	7782-49-2	U	5.00	0.956	mg/kg	U	1
Silver	7440-22-4	U	5.00	0.047	mg/kg	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519782-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519782-1-BLK**

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 14:00 Analyst: 4150 Date Prep: Nov-22-08 13:22 Tech: ABA
Seq Number: 741303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519783-1-BLK** Matrix: **WATER**
Lab Sample Id: **519783-1-BLK**

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 15:55 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519808-1-BLK** Matrix: **WATER**
Lab Sample Id: **519808-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-25-08 04:03 Analyst: BRZ Date Prep: Nov-21-08 15:30 Tech: 5458
Seq Number: 741604

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	0.032	0.30	0.026	mg/L		1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519814-1-BLK** Matrix: **WATER**
Lab Sample Id: **519814-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 11:03 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.43	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.83	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	2.11	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.61	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	2.62	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.64	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.78	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.63	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	7.11	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	2.14	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	2.72	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.29	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.83	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.19	ug/L	U	1
2-methylphenol	95-48-7	U	10.0	2.00	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	2.35	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.95	ug/L	U	1
3&4-Methylphenol		U	20.0	2.55	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	3.88	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.75	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.40	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	2.12	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	2.18	ug/L	U	1
4-Chloroaniline	106-47-8	U	10.0	3.09	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.35	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	3.20	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	2.41	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.43	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.48	ug/L	U	1
Anthracene	120-12-7	U	10.0	2.01	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.90	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.80	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.97	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.97	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	2.71	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.25	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.78	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.20	ug/L	U	1
Benzyl Butyl Phthalate	85-68-7	U	10.0	1.82	ug/L	U	1
Carbazole	86-74-8	U	10.0	1.82	ug/L	U	1
Chrysene	218-01-9	U	10.0	2.09	ug/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519814-1-BLK** Matrix: **WATER**
Lab Sample Id: **519814-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Nov-26-08 11:03 Analyst: WIB Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741704

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.83	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.64	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.90	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.97	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.08	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.38	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.81	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.56	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	2.21	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.78	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.87	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	2.38	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.87	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.41	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.52	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.49	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.36	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	2.50	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	2.26	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	2.04	ug/L	U	1
Phenol	108-95-2	U	10.0	1.76	ug/L	U	1
Pyrene	129-00-0	U	10.0	2.40	ug/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519920-1-BLK** Matrix: **WATER**
Lab Sample Id: **519920-1-BLK**

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 07:38 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	0.010	0.0018	mg/L	U	1
PCB-1221	11104-28-2	U	0.010	0.0020	mg/L	U	1
PCB-1232	11141-16-5	U	0.010	0.0015	mg/L	U	1
PCB-1242	53469-21-9	U	0.010	0.0011	mg/L	U	1
PCB-1248	12672-29-6	U	0.010	0.0021	mg/L	U	1
PCB-1254	11097-69-1	U	0.010	0.0017	mg/L	U	1
PCB-1260	11096-82-5	U	0.010	0.0017	mg/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519932-1-BLK** Matrix: **WATER**
Lab Sample Id: **519932-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Nov-26-08 00:34 Analyst: BRZ Date Prep: Nov-22-08 16:00 Tech: 5458
Seq Number: 741587

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	0.064	0.30	0.026	mg/L		1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520525-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520525-1-BLK**

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-04-08 17:49 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	100	11	ug/kg	U	1
PCB-1221	11104-28-2	U	100	10	ug/kg	U	1
PCB-1232	11141-16-5	U	100	10	ug/kg	U	1
PCB-1242	53469-21-9	U	100	11	ug/kg	U	1
PCB-1248	12672-29-6	U	100	11	ug/kg	U	1
PCB-1254	11097-69-1	U	100	11	ug/kg	U	1
PCB-1260	11096-82-5	U	100	13	ug/kg	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521064-1-BLK** Matrix: **WATER**
Lab Sample Id: **521064-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 09:33 Analyst: ANI Date Prep: Dec-12-08 08:01 Tech: ANI
Seq Number: 743424

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521065-1-BLK** Matrix: **WATER**
Lab Sample Id: **521065-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 19:16 Analyst: ANI Date Prep: Dec-12-08 18:15 Tech: ANI
Seq Number: 743425

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521088-1-BLK** Matrix: **WATER**
Lab Sample Id: **521088-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-14-08 18:03 Analyst: ANI Date Prep: Dec-14-08 16:31 Tech: ANI
Seq Number: 743462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521165-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521165-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-12-08 20:10 Analyst: KAN Date Prep: Dec-08-08 14:00 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	100	10.0	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	100	10.0	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	100	10.0	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	100	11.3	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	100	10.0	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	100	11.0	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	100	10.0	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	100	10.0	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	200	10.0	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	100	13.1	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	100	10.0	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	100	10.0	mg/kg	U	1
2-Chlorophenol	95-57-8	U	100	10.0	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	100	10.5	mg/kg	U	1
2-methylphenol	95-48-7	U	100	12.4	mg/kg	U	1
2-Nitroaniline	88-74-4	U	200	10.4	mg/kg	U	1
2-Nitrophenol	88-75-5	U	100	10.0	mg/kg	U	1
3&4-Methylphenol		U	200	20.2	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	200	19.1	mg/kg	U	1
3-Nitroaniline	99-09-2	U	200	21.3	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	200	11.3	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	100	13.6	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	100	12.2	mg/kg	U	1
4-Chloroaniline	106-47-8	U	200	10.0	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	100	10.0	mg/kg	U	1
4-Nitroaniline	100-01-6	U	200	16.8	mg/kg	U	1
4-Nitrophenol	100-02-7	U	200	17.4	mg/kg	U	1
Acenaphthene	83-32-9	U	100	10.0	mg/kg	U	1
Acenaphthylene	208-96-8	U	100	10.0	mg/kg	U	1
Anthracene	120-12-7	U	100	13.4	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	100	10.0	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	100	10.0	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	100	10.0	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	100	10.0	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	100	10.2	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	100	10.0	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	100	10.0	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	100	10.0	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	100	11.5	mg/kg	U	1
Carbazole	86-74-8	U	100	12.3	mg/kg	U	1
Chrysene	218-01-9	U	100	10.0	mg/kg	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521165-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521165-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-12-08 20:10 Analyst: KAN Date Prep: Dec-08-08 14:00 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)Anthracene	53-70-3	U	100	12.1	mg/kg	U	1
Dibenzofuran	132-64-9	U	100	11.1	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	100	10.0	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	100	11.4	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	100	10.0	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	100	10.0	mg/kg	U	1
Fluoranthene	206-44-0	U	100	11.0	mg/kg	U	1
Fluorene	86-73-7	U	100	10.0	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	100	10.1	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	100	10.0	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	100	10.0	mg/kg	U	1
Hexachloroethane	67-72-1	U	100	10.7	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	100	14.6	mg/kg	U	1
Isophorone	78-59-1	U	100	16.2	mg/kg	U	1
Naphthalene	91-20-3	U	100	10.7	mg/kg	U	1
Nitrobenzene	98-95-3	U	100	10.0	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	100	10.0	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	100	12.1	mg/kg	U	1
Pentachlorophenol	87-86-5	U	200	14.2	mg/kg	U	1
Phenanthrene	85-01-8	U	100	10.0	mg/kg	U	1
Phenol	108-95-2	U	100	10.0	mg/kg	U	1
Pyrene	129-00-0	U	100	11.4	mg/kg	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521412-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521412-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 18:24 Analyst: ANI Date Prep: Dec-17-08 16:52 Tech: ANI
Seq Number: 743961

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	10	1.5	mg/kg	U	50

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521564-1-BLK** Matrix: **WATER**
Lab Sample Id: **521564-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 12:05 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.0	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.0	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.0	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.0	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.0	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.0	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.0	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.0	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.0	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.0	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.0	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.0	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.0	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.0	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.0	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.0	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.0	0.26	ug/L	U	1
Acetone	67-64-1	U	2.0	0.35	ug/L	U	1
Benzene	71-43-2	U	1.0	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.0	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.0	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.0	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.0	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.0	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.0	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.0	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.0	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.0	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.0	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.0	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.0	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.0	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.0	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.0	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.0	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.0	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.0	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.0	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.0	0.11	ug/L	U	1
Methylene chloride	75-09-2	U	1.0	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.0	0.20	ug/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521564-1-BLK** Matrix: **WATER**
Lab Sample Id: **521564-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 12:05 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	1.0	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.0	0.16	ug/L	U	1
Toluene	108-88-3	U	1.0	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.0	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.0	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.0	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.0	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.0	0.19	ug/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521565-1-BLK** Matrix: **WATER**
Lab Sample Id: **521565-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 20:52 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.0	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.0	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.0	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.0	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.0	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.0	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.0	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.0	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.0	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.0	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.0	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.0	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.0	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.0	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.0	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.0	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.0	0.26	ug/L	U	1
Acetone	67-64-1	U	2.0	0.35	ug/L	U	1
Benzene	71-43-2	U	1.0	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.0	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.0	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.0	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.0	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.0	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.0	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.0	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.0	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.0	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.0	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.0	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.0	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.0	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.0	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.0	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.0	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.0	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.0	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.0	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.0	0.11	ug/L	U	1
Methylene chloride	75-09-2	U	1.0	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.0	0.20	ug/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521565-1-BLK** Matrix: **WATER**
Lab Sample Id: **521565-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 20:52 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	1.0	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.0	0.16	ug/L	U	1
Toluene	108-88-3	U	1.0	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.0	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.0	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.0	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.0	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.0	0.19	ug/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521666-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521666-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 10:00 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	38	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	59	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	56	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	34	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	40	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	58	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	44	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	81	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	43	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	65	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	30	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	50	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	460	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	56	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	U	2500	340	ug/kg	U	50
Benzene	71-43-2	U	250	26	ug/kg	U	50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	48	ug/kg	U	50
Bromomethane	74-83-9	U	250	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	250	73	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	37	ug/kg	U	50
Chlorobenzene	108-90-7	U	500	29	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	37	ug/kg	U	50
Chloromethane	74-87-3	U	250	120	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	27	ug/kg	U	50
Cyclohexane	110-82-7	U	250	47	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	50	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	59	ug/kg	U	50
Ethylbenzene	100-41-4	U	250	28	ug/kg	U	50
Isopropylbenzene	98-82-8	U	250	38	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	500	60	ug/kg	U	50
Methyl acetate	79-20-9	U	250	47	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	35	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	55	ug/kg	U	50
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
o-Xylene	95-47-6	U	250	36	ug/kg	U	50

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521666-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521666-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 10:00 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	250	37	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	52	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	39	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	34	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	180	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	100	ug/kg	U	50

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521799-1-BLK** Matrix: **WATER**
Lab Sample Id: **521799-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-23-08 22:08 Analyst: 4124 Date Prep: Dec-23-08 18:55 Tech: 4124
Seq Number: 744592

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.0	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.0	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.0	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.0	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.0	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.0	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.0	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.0	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.0	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.0	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.0	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.0	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.0	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.0	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.0	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.0	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.0	0.26	ug/L	U	1
Acetone	67-64-1	U	2.0	0.35	ug/L	U	1
Benzene	71-43-2	U	1.0	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.0	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.0	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.0	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.0	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.0	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.0	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.0	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.0	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.0	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.0	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.0	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.0	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.0	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.0	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.0	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.0	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.0	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.0	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.0	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.0	0.11	ug/L	U	1
Methylene chloride	75-09-2	U	1.0	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.0	0.20	ug/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521799-1-BLK** Matrix: **WATER**
Lab Sample Id: **521799-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-23-08 22:08 Analyst: 4124 Date Prep: Dec-23-08 18:55 Tech: 4124
Seq Number: 744592

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	1.0	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.0	0.16	ug/L	U	1
Toluene	108-88-3	U	1.0	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.0	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.0	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.0	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.0	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.0	0.19	ug/L	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **741488-1-BLK** Matrix: **WATER**
Lab Sample Id: **741488-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-24-08 19:30 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741488

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **741676-1-BLK** Matrix: **WATER**
Lab Sample Id: **741676-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-25-08 18:45 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741676

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **744717-1-BLK** Matrix: **SOLID**
Lab Sample Id: **744717-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 13:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744717

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **744718-1-BLK** Matrix: **WATER**
Lab Sample Id: **744718-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Blank Summary 318116

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **8406037-1-BLK** Matrix: **SOLID**
Lab Sample Id: **8406037-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-29-08 11:58 Analyst: BRZ Date Prep: Dec-08-08 10:00 Tech: 4155
Seq Number: 744909

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	940	3000	340	mg/kg		1

XENCO Laboratories

☐ 5757 N.W. 158th Street, Miami Lakes, Fl 33014 305-823-8500
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

☐ Philadephia/New Jersey 610-955-5649

Serial #: 223272 Page 1 of 1

Company-City: Winter Environmental **Phone:** 404 588 3300

Lab Only: WO# 318116

Proj Name-Location ☐ Previously done at XENCO **Project ID:** 08040
Seven Out superfund Site

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL ,GA, LA, MS, NC, NJ, PA, SC, TN, TX , UT Other

Proj. Manager (PM): Brent Sasser

Fax Results to ☐ PM or **e-mail to:** bsasser@winter-environmental **Fax No:**

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☑ Invoice must have a P.O Bill to: Brent Sasser

Quote/Pricing: **P.O No:** 08040 ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

LPST No.:

Sampler Name Joe King Signature

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs BTEX-MTBE VOHs VOAs PP TCL Appdx 2	Method: 8260 8021 624 524	PAHs: 8270 8100 8310 8270_SIM	TRPH by FL PRO DRO GRO MA EPH MA VPH	SVOCs: 8270 625 - (BN&AE) (TCL) (PP) (Appdx 2)	Pest. (8081 / 608) PCBs (8082 / 608) Herb. (8151 / 615)	EDB / DBCP (8011 / 504)	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	Metals Methods: 6020 / 6010 / 200.8 / 7470 / 7471	SPLP TCLP Metals VOCs SVOCs Pest. Herb. PCBs)	FL Preburn: Virgin Non-Virgin	pH Ignitability	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	HOLD TCLP	Addn:	
1	RBLK 40408	11/17/08	1130		W			7				X			X	X	X		X												1
2	CD-3	11/17/08	1200		LW			11				X			X	X	X		X		X		X	X					X		2
3	CD-3(S)	11/17/08	1245		SW			3				X			X	X	X		X		X		X	X					X		3
4	CD-2(S)	11/17/08	1355		SW			3				X			X	X	X		X		X		X	X					X		4
5	CD-1(S)	11/17/08	1445		SW			3				X			X	X	X		X		X		X	X					X		5
6	DAF	11/17/08	1510		LW			11				X			X	X	X		X		X		X	X					X		6
7	DAF-2	11/17/08	1540		LW			11				X			X	X	X		X		X		X	X					X		7
8	T-1	11/17/08	1615		LW			11				X			X	X	X		X		X		X	X					X		8
9	DAF-2 (S)	11/17/08	1600		SW			3				X			X	X	X		X		X		X	X					X		9
10																															10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time	Total Containers per COC:	Cooler Temp:
1) [signature]	11-18-08 1730	2)			
3) Fedex		4) [signature]	11/19/08 0955	All XENCO Standard Terms and Conditions Apply.	
5)		6)		Rush Charges are Pre-Approved upon Requesting them.	

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____

Matrix: Air (A), Product (P), Solid(S), Water (W) Liquid Waste (LW) Solid Waste (SW)

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☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

☐ Philadephia/New Jersey 610-955-5649

Serial #: 223271

Company-City: Winter Environmental
Phone: 404 588 3300
Lab Only: WO# 318 116
Proj Name-Location ☐ Previously done at XENCO: Seven Oak Superfund Site
Project ID: 08040
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM): Brent Sasser
Fax Results to ☐ PM or
e-mail to: Bsasser@winter-environmental.com
Fax No:
Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to: Brent Sasser
Quote/Pricing:
P.O No: 08040 ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)
LPST No.:
Sampler Name: Joe King
Signature:

From: Rcv by: Date: Addn:

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs BTEX-MTBE VOHs VOAs PP TCL Appdx 2	Method: 8260 8021 624 524	PAHs: 8270 8100 8310 8270_SIM	TRPH by FL PRO DRO GRO MA EPH MA VPH	SVOCs 8270 625 - (BN&AE) (TCL) (PP) (Appdx 2)	Pest. (8081 / 608) PCBs (8082 / 608) Herb. (8151 / 615)	EDB / DBCP (8011 / 504)	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	Metals Methods: 6020 / 6010 / 200.8 / 7470 / 7471	SPLP - TCLP (Metals VOCs SVOCs) Pest. Herb. PCBs)	FL Preburn: Virgin Non-Virgin	CN	Ignitability					TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	HOLD TCLP	
1	RBLK 040508	11/18/08	0725		W			7				X			X	X	X		X				X	X									1
2	T-2	11/18/08	0820		LW			11				X			X	X	X		X				X	X							X		2
3	T-2(s)	11/18/08	0840		SW			3				X			X	X	X		X				X	X							X		3
4	T-7	11/18/08	0940		LW			11				X			X	X	X		X				X	X							X		4
5	DUP 40608	11/18/08			VW			7				X			X	X	X		X														5
6	T-15	11/18/08	1000		LW			11				X			X	X	X		X				X	X							X		6
7																																	7
8																																	8
9																																	9
10																																	10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time	Total Containers per COC:	Cooler Temp:
1) [illegible]	11-18-08 1230	2)			
3) Becky		4) [illegible]	11/19/08 0955	All XENCO Standard Terms and Conditions Apply.	
5)		6)		Rush Charges are Pre-Approved upon Requesting them.	

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____

Matrix: Air (A), Product (P), Solid(S), Water (W) Liquid waste (LW) Solid waste (SW)

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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Winter Env.

Date/ Time: 11/19/08 0955

Lab ID # : 318116

Initials: MH

Sample Receipt Checklist

#1	Temperature of cooler?				3°C
#2	Shipping container in good condition?	YES	No	None	
#3	Samples received on ice?	YES	No	N/A	Blue/Water
#4	Custody Seals intact on shipping container/ cooler?	Yes	No	N/A	
#5	Custody Seals intact on sample bottles/ container?	Yes	No	N/A	
#6	Chain of Custody present?	YES	No		
#7	Sample instructions complete of Chain of Custody?	YES	No		
#8	Any missing/extra samples?	Yes	NO		
#9	Chain of Custody signed when relinquished/ received?	YES	No		
#10	Chain of Custody agrees with sample label(s)?	YES	No		
#11	Container label(s) legible and intact?	YES	No		
#12	Sample matrix/ properties agree with Chain of Custody?	YES	No		
#13	Samples in proper container/ bottle?	YES	No		
#14	Samples properly preserved?	YES	No	N/A	
#15	Sample container(s) intact?	YES	No		
#16	Sufficient sample amount for indicated test(s)?	YES	No		
#17	All samples received within sufficient hold time?	YES	No		
#18	Subcontract of sample(s)?	Yes	NO		
#19	VOC samples have zero headspace?	YES	No	N/A	

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: #15: Sample DAF-2 was received with two broken HCl vials

Corrective Action Taken:

#15 - Though remaining sample is available for testing.

Check all that Apply:

- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

Analytical Report 318164

for

Winter Environmental

Project Manager: Brent Sasser

Seven Out Superfund Site

08040

30-DEC-08

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Texas certification numbers:
Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers:
Norcross(Atlanta), GA 98015

North Carolina certification numbers:
Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta

30-DEC-08

Project Manager: **Brent Sasser**
Winter Environmental
3350 Green Pointe Parkway
Norcross, GA 30092

Reference: XENCO Report No: **318164**
Seven Out Superfund Site
Project Address: Waycross, GA

Brent Sasser:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 318164. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 318164 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

Sample Cross Reference 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
T-6	L	Nov-18-08 11:20		318164-001
T-78	L	Nov-18-08 11:30		318164-002
T-5	L	Nov-18-08 11:45		318164-003
T-4	L	Nov-18-08 11:55		318164-004
TO-13	L	Nov-18-08 12:25		318164-005
DR-2	S	Nov-18-08 13:25		318164-006
DR-1	L	Nov-18-08 14:30		318164-007
TO-11	L	Nov-18-08 14:55		318164-008
ST-1	L	Nov-18-08 15:46		318164-009
ST-1(S)	S	Nov-18-08 16:05		318164-010
ST-2(S)	S	Nov-18-08 16:25		318164-011
T-9	L	Nov-18-08 16:45		318164-012
T-12	L	Nov-18-08 17:00		318164-013
T-8	L	Nov-18-08 17:25		318164-014

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-6** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-001** Date Collected: **Nov-18-08 11:20** Date Received: **Nov-19-08 13:00**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-28-08 23:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744832

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	0.001	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 16:55 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-05-08 17:35 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	69	7.8	ug/kg	U	1
PCB-1221	11104-28-2	U	69	7.2	ug/kg	U	1
PCB-1232	11141-16-5	U	69	7.0	ug/kg	U	1
PCB-1242	53469-21-9	U	69	7.7	ug/kg	U	1
PCB-1248	12672-29-6	U	69	7.3	ug/kg	U	1
PCB-1254	11097-69-1	U	69	7.9	ug/kg	U	1
PCB-1260	11096-82-5	U	69	8.8	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 23:14 Analyst: 11 Date Prep: Nov-21-08 16:52 Tech: ABA
Seq Number: 741314

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.050	0.033	mg/L	U	5
Barium	7440-39-3	U	0.250	0.012	mg/L	U	5
Cadmium	7440-43-9	U	0.025	0.001	mg/L	U	5
Chromium	7440-47-3	0.398	0.250	0.002	mg/L		5
Lead	7439-92-1	U	0.050	0.009	mg/L	U	5
Selenium	7782-49-2	U	0.050	0.039	mg/L	U	5
Silver	7440-22-4	U	0.250	0.003	mg/L	U	5

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-6**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-001**	Date Collected: **Nov-18-08 11:20**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-11-08 14:47 Analyst: KAN Date Prep: Dec-01-08 10:09 Tech: KAN

Seq Number: 743463

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	2500	250	mg/kg	U	25
1,2-Dichlorobenzene	95-50-1	U	2500	250	mg/kg	U	25
1,3-Dichlorobenzene	541-73-1	U	2500	250	mg/kg	U	25
1,4-Dichlorobenzene	106-46-7	U	2500	282	mg/kg	U	25
2,4,5-Trichlorophenol	95-95-4	U	2500	250	mg/kg	U	25
2,4,6-Trichlorophenol	88-06-2	U	2500	276	mg/kg	U	25
2,4-Dichlorophenol	120-83-2	U	2500	250	mg/kg	U	25
2,4-Dimethylphenol	105-67-9	U	2500	250	mg/kg	U	25
2,4-Dinitrophenol	51-28-5	U	5000	250	mg/kg	U	25
2,4-Dinitrotoluene	121-14-2	U	2500	327	mg/kg	U	25
2,6-Dinitrotoluene	606-20-2	U	2500	250	mg/kg	U	25
2-Chloronaphthalene	91-58-7	U	2500	250	mg/kg	U	25
2-Chlorophenol	95-57-8	U	2500	250	mg/kg	U	25
2-Methylnaphthalene	91-57-6	U	2500	263	mg/kg	U	25
2-methylphenol	95-48-7	U	2500	311	mg/kg	U	25
2-Nitroaniline	88-74-4	U	5000	261	mg/kg	U	25
2-Nitrophenol	88-75-5	U	2500	250	mg/kg	U	25
3&4-Methylphenol		U	5000	506	mg/kg	U	25
3,3-Dichlorobenzidine	91-94-1	U	5000	478	mg/kg	U	25
3-Nitroaniline	99-09-2	U	5000	532	mg/kg	U	25
4,6-dinitro-2-methyl phenol	534-52-1	U	5000	283	mg/kg	U	25
4-Bromophenyl-phenylether	101-55-3	U	2500	339	mg/kg	U	25
4-chloro-3-methylphenol	59-50-7	U	2500	305	mg/kg	U	25
4-Chloroaniline	106-47-8	U	5000	250	mg/kg	U	25
4-Chlorophenyl Phenyl Ether	7005-72-3	U	2500	250	mg/kg	U	25
4-Nitroaniline	100-01-6	U	5000	420	mg/kg	U	25
4-Nitrophenol	100-02-7	U	5000	434	mg/kg	U	25
Acenaphthene	83-32-9	U	2500	250	mg/kg	U	25
Acenaphthylene	208-96-8	U	2500	250	mg/kg	U	25
Anthracene	120-12-7	U	2500	335	mg/kg	U	25
Benzo(a)anthracene	56-55-3	U	2500	250	mg/kg	U	25
Benzo(a)pyrene	50-32-8	U	2500	250	mg/kg	U	25
Benzo(b)fluoranthene	205-99-2	U	2500	250	mg/kg	U	25
Benzo(g,h,i)perylene	191-24-2	U	2500	250	mg/kg	U	25
Benzo(k)fluoranthene	207-08-9	U	2500	255	mg/kg	U	25
bis(2-chloroethoxy) methane	111-91-1	U	2500	250	mg/kg	U	25
bis(2-chloroethyl) ether	111-44-4	U	2500	250	mg/kg	U	25
bis(2-ethylhexyl) phthalate	117-81-7	U	2500	250	mg/kg	U	25
Butyl benzyl phthalate	85-68-7	U	2500	287	mg/kg	U	25

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-6**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-001**	Date Collected: **Nov-18-08 11:20**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-11-08 14:47 Analyst: KAN Date Prep: Dec-01-08 10:09 Tech: KAN

Seq Number: 743463

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	2500	308	mg/kg	U	25
Chrysene	218-01-9	U	2500	250	mg/kg	U	25
Dibenz(a,h)Anthracene	53-70-3	U	2500	303	mg/kg	U	25
Dibenzofuran	132-64-9	U	2500	277	mg/kg	U	25
Diethyl Phthalate	84-66-2	U	2500	250	mg/kg	U	25
Dimethyl Phthalate	131-11-3	U	2500	285	mg/kg	U	25
di-n-Butyl Phthalate	84-74-2	U	2500	250	mg/kg	U	25
di-n-Octyl Phthalate	117-84-0	U	2500	250	mg/kg	U	25
Fluoranthene	206-44-0	U	2500	276	mg/kg	U	25
Fluorene	86-73-7	U	2500	250	mg/kg	U	25
Hexachlorobenzene	118-74-1	U	2500	253	mg/kg	U	25
Hexachlorobutadiene	87-68-3	U	2500	250	mg/kg	U	25
Hexachlorocyclopentadiene	77-47-4	U	2500	250	mg/kg	U	25
Hexachloroethane	67-72-1	U	2500	268	mg/kg	U	25
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	2500	365	mg/kg	U	25
Isophorone	78-59-1	U	2500	405	mg/kg	U	25
Naphthalene	91-20-3	U	2500	268	mg/kg	U	25
Nitrobenzene	98-95-3	U	2500	250	mg/kg	U	25
N-Nitrosodi-n-Propylamine	621-64-7	U	2500	250	mg/kg	U	25
N-Nitrosodiphenylamine	86-30-6	U	2500	301	mg/kg	U	25
Pentachlorophenol	87-86-5	U	5000	356	mg/kg	U	25
Phenanthrene	85-01-8	U	2500	250	mg/kg	U	25
Phenol	108-95-2	U	2500	250	mg/kg	U	25
Pyrene	129-00-0	U	2500	285	mg/kg	U	25

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-6** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-001** Date Collected: **Nov-18-08 11:20** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-24-08 12:09 Analyst: 4124 Date Prep: Dec-24-08 06:54 Tech: 4124
Seq Number: 744703

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	40	ug/L	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	45	ug/L	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	28	ug/L	U	50
1,1,2-Trichloroethane	79-00-5	U	250	63	ug/L	U	50
1,1-Dichloroethane	75-34-3	U	250	28	ug/L	U	50
1,1-Dichloroethene	75-35-4	U	250	50	ug/L	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	43	ug/L	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	48	ug/L	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	45	ug/L	U	50
1,2-Dichlorobenzene	95-50-1	U	250	35	ug/L	U	50
1,2-Dichloroethane	107-06-2	U	250	45	ug/L	U	50
1,2-Dichloropropane	78-87-5	U	250	38	ug/L	U	50
1,3-Dichlorobenzene	541-73-1	U	250	43	ug/L	U	50
1,4-Dichlorobenzene	106-46-7	U	250	43	ug/L	U	50
2-Butanone (MEK)	78-93-3	U	500	70	ug/L	U	50
2-Hexanone	591-78-6	U	500	80	ug/L	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	500	65	ug/L	U	50
Acetone	67-64-1	U	500	88	ug/L	U	50
Benzene	71-43-2	U	250	40	ug/L	U	50
Bromodichloromethane	75-27-4	U	250	63	ug/L	U	50
Bromoform	75-25-2	U	250	43	ug/L	U	50
Bromomethane	74-83-9	1800	250	63	ug/L		50
Carbon disulfide	75-15-0	U	250	65	ug/L	U	50
Carbon tetrachloride	56-23-5	U	250	83	ug/L	U	50
Chlorobenzene	108-90-7	U	250	38	ug/L	U	50
Chloroethane	75-00-3	U	250	65	ug/L	U	50
Chloroform	67-66-3	U	250	40	ug/L	U	50
Chloromethane	74-87-3	U	250	63	ug/L	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	53	ug/L	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	25	ug/L	U	50
Cyclohexane	110-82-7	U	250	38	ug/L	U	50
Dibromochloromethane	124-48-1	U	250	38	ug/L	U	50
Dichlorodifluoromethane	75-71-8	U	250	55	ug/L	U	50
Ethylbenzene	100-41-4	U	250	48	ug/L	U	50
Isopropylbenzene	98-82-8	U	250	38	ug/L	U	50
m,p-Xylenes	179601-23-1	U	500	130	ug/L	U	50
Methyl acetate	79-20-9	U	500	65	ug/L	U	50
Methyl tert-butyl ether	1634-04-4	U	500	45	ug/L	U	50
Methylcyclohexane	108-87-2	U	250	28	ug/L	U	50

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Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-6** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-001** Date Collected: **Nov-18-08 11:20** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-24-08 12:09 Analyst: 4124 Date Prep: Dec-24-08 06:54 Tech: 4124
Seq Number: 744703

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	820	250	110	ug/L		50
o-Xylene	95-47-6	U	250	50	ug/L	U	50
Styrene	100-42-5	U	250	45	ug/L	U	50
Tetrachloroethene	127-18-4	U	250	40	ug/L	U	50
Toluene	108-88-3	U	250	35	ug/L	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	53	ug/L	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	28	ug/L	U	50
Trichloroethene	79-01-6	U	250	48	ug/L	U	50
Trichlorofluoromethane	75-69-4	U	250	130	ug/L	U	50
Vinyl chloride	75-01-4	U	250	48	ug/L	U	50
Xylenes, Total	1330-20-7	U	750		ug/L	U	50

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-16-08 13:42 Analyst: ANI Date Prep: Dec-16-08 09:06 Tech: ANI
Seq Number: 743725

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	40	25	5.0	mg/L		50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 12:31 Analyst: BRZ Date Prep: Dec-01-08 10:00 Tech: 4155
Seq Number: 743303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	U	2700	300	mg/kg	U	1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	< 0	N/A	N/A	SU	U	1

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Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-78**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-002**	Date Collected: **Nov-18-08 11:30**	Date Received: **Nov-19-08 13:00**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-25-08 18:45 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741676

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 16:58 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0100	0.0003	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 13:36 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	5.0	0.91	ug/L	U	1
PCB-1221	11104-28-2	U	5.0	1.0	ug/L	U	1
PCB-1232	11141-16-5	U	5.0	0.75	ug/L	U	1
PCB-1242	53469-21-9	U	5.0	0.55	ug/L	U	1
PCB-1248	12672-29-6	U	5.0	1.0	ug/L	U	1
PCB-1254	11097-69-1	U	5.0	0.84	ug/L	U	1
PCB-1260	11096-82-5	U	5.0	0.83	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 23:16 Analyst: 11 Date Prep: Nov-21-08 16:52 Tech: ABA
Seq Number: 741314

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.154	0.100	0.067	mg/L		1
Barium	7440-39-3	U	0.500	0.023	mg/L	U	1
Cadmium	7440-43-9	U	0.050	0.001	mg/L	U	1
Chromium	7440-47-3	1.83	0.500	0.004	mg/L		1
Lead	7439-92-1	0.225	0.100	0.019	mg/L		1
Selenium	7782-49-2	U	0.100	0.077	mg/L	U	1
Silver	7440-22-4	U	0.500	0.007	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-78**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-002**	Date Collected: **Nov-18-08 11:30**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 22:39 Analyst: KAN Date Prep: Nov-25-08 15:09 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	50.0	5.00	ug/L	U	5
1,2-Dichlorobenzene	95-50-1	U	50.0	5.00	ug/L	U	5
1,3-Dichlorobenzene	541-73-1	U	50.0	5.00	ug/L	U	5
1,4-Dichlorobenzene	106-46-7	U	50.0	5.00	ug/L	U	5
2,4,5-Trichlorophenol	95-95-4	U	50.0	5.00	ug/L	U	5
2,4,6-Trichlorophenol	88-06-2	U	50.0	5.00	ug/L	U	5
2,4-Dichlorophenol	120-83-2	U	50.0	5.00	ug/L	U	5
2,4-Dimethylphenol	105-67-9	U	50.0	5.36	ug/L	U	5
2,4-Dinitrophenol	51-28-5	U	100	5.00	ug/L	U	5
2,4-Dinitrotoluene	121-14-2	U	50.0	5.00	ug/L	U	5
2,6-Dinitrotoluene	606-20-2	U	50.0	5.00	ug/L	U	5
2-Chloronaphthalene	91-58-7	U	50.0	5.00	ug/L	U	5
2-Chlorophenol	95-57-8	U	50.0	5.00	ug/L	U	5
2-Methylnaphthalene	91-57-6	U	50.0	5.47	ug/L	U	5
2-Methylphenol	95-48-7	U	50.0	6.65	ug/L	U	5
2-Nitroaniline	88-74-4	U	100	5.00	ug/L	U	5
2-Nitrophenol	88-75-5	U	50.0	5.00	ug/L	U	5
3&4-Methylphenol		U	100	7.52	ug/L	U	5
3,3-Dichlorobenzidine	91-94-1	U	100	10.0	ug/L	U	5
3-Nitroaniline	99-09-2	U	100	10.3	ug/L	U	5
4,6-dinitro-2-methyl phenol	534-52-1	U	100	6.05	ug/L	U	5
4-Bromophenyl-phenylether	101-55-3	U	50.0	5.00	ug/L	U	5
4-chloro-3-methylphenol	59-50-7	U	50.0	5.42	ug/L	U	5
4-Chloroaniline	106-47-8	U	100	5.00	ug/L	U	5
4-Chlorophenyl Phenyl Ether	7005-72-3	U	50.0	5.00	ug/L	U	5
4-Nitroaniline	100-01-6	U	100	5.25	ug/L	U	5
4-Nitrophenol	100-02-7	U	100	5.00	ug/L	U	5
Acenaphthene	83-32-9	U	50.0	5.00	ug/L	U	5
Acenaphthylene	208-96-8	U	50.0	5.00	ug/L	U	5
Anthracene	120-12-7	U	50.0	5.00	ug/L	U	5
Benzo(a)anthracene	56-55-3	U	50.0	5.00	ug/L	U	5
Benzo(a)pyrene	50-32-8	U	50.0	5.00	ug/L	U	5
Benzo(b)fluoranthene	205-99-2	U	50.0	5.00	ug/L	U	5
Benzo(g,h,i)perylene	191-24-2	U	50.0	5.00	ug/L	U	5
Benzo(k)fluoranthene	207-08-9	U	50.0	5.00	ug/L	U	5
bis(2-chloroethoxy) methane	111-91-1	U	50.0	5.00	ug/L	U	5
bis(2-chloroethyl) ether	111-44-4	U	50.0	5.00	ug/L	U	5
bis(2-ethylhexyl) phthalate	117-81-7	U	50.0	5.00	ug/L	U	5
Butyl benzyl phthalate	85-68-7	U	50.0	5.00	ug/L	U	5

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-78**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-002**	Date Collected: **Nov-18-08 11:30**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 22:39 Analyst: KAN Date Prep: Nov-25-08 15:09 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	50.0	5.00	ug/L	U	5
Chrysene	218-01-9	U	50.0	5.00	ug/L	U	5
Dibenz(a,h)anthracene	53-70-3	U	50.0	5.00	ug/L	U	5
Dibenzofuran	132-64-9	U	50.0	5.00	ug/L	U	5
Diethyl Phthalate	84-66-2	U	50.0	5.00	ug/L	U	5
Dimethyl Phthalate	131-11-3	U	50.0	5.00	ug/L	U	5
di-n-Butyl Phthalate	84-74-2	U	50.0	13.2	ug/L	U	5
di-n-Octyl Phthalate	117-84-0	U	50.0	5.00	ug/L	U	5
Fluoranthene	206-44-0	U	50.0	5.00	ug/L	U	5
Fluorene	86-73-7	U	50.0	5.00	ug/L	U	5
Hexachlorobenzene	118-74-1	U	50.0	5.00	ug/L	U	5
Hexachlorobutadiene	87-68-3	U	50.0	5.00	ug/L	U	5
Hexachlorocyclopentadiene	77-47-4	U	50.0	5.00	ug/L	U	5
Hexachloroethane	67-72-1	U	50.0	5.00	ug/L	U	5
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	50.0	5.00	ug/L	U	5
Isophorone	78-59-1	U	50.0	6.73	ug/L	U	5
Naphthalene	91-20-3	U	50.0	5.00	ug/L	U	5
Nitrobenzene	98-95-3	U	50.0	5.00	ug/L	U	5
N-Nitrosodi-n-Propylamine	621-64-7	U	50.0	5.00	ug/L	U	5
N-Nitrosodiphenylamine	86-30-6	U	50.0	8.49	ug/L	U	5
Pentachlorophenol	87-86-5	U	100	5.00	ug/L	U	5
Phenanthrene	85-01-8	U	50.0	6.21	ug/L	U	5
Phenol	108-95-2	U	50.0	5.00	ug/L	U	5
Pyrene	129-00-0	U	50.0	5.00	ug/L	U	5

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-78**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-002**	Date Collected: **Nov-18-08 11:30**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-24-08 13:06 Analyst: 4124 Date Prep: Dec-24-08 06:54 Tech: 4124

Seq Number: 744703

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	500	80	ug/L	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	500	90	ug/L	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	500	55	ug/L	U	50
1,1,2-Trichloroethane	79-00-5	U	500	130	ug/L	U	50
1,1-Dichloroethane	75-34-3	U	500	55	ug/L	U	50
1,1-Dichloroethene	75-35-4	U	500	100	ug/L	U	50
1,2,4-Trichlorobenzene	120-82-1	U	500	85	ug/L	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	500	95	ug/L	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	500	90	ug/L	U	50
1,2-Dichlorobenzene	95-50-1	U	500	70	ug/L	U	50
1,2-Dichloroethane	107-06-2	U	500	90	ug/L	U	50
1,2-Dichloropropane	78-87-5	U	500	75	ug/L	U	50
1,3-Dichlorobenzene	541-73-1	U	500	85	ug/L	U	50
1,4-Dichlorobenzene	106-46-7	U	500	85	ug/L	U	50
2-Butanone (MEK)	78-93-3	U	1000	140	ug/L	U	50
2-Hexanone	591-78-6	U	1000	160	ug/L	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	1000	130	ug/L	U	50
Acetone	67-64-1	U	1000	180	ug/L	U	50
Benzene	71-43-2	U	500	80	ug/L	U	50
Bromodichloromethane	75-27-4	U	500	130	ug/L	U	50
Bromoform	75-25-2	U	500	85	ug/L	U	50
Bromomethane	74-83-9	3200	500	130	ug/L		50
Carbon disulfide	75-15-0	U	500	130	ug/L	U	50
Carbon tetrachloride	56-23-5	U	500	170	ug/L	U	50
Chlorobenzene	108-90-7	U	500	75	ug/L	U	50
Chloroethane	75-00-3	U	500	130	ug/L	U	50
Chloroform	67-66-3	U	500	80	ug/L	U	50
Chloromethane	74-87-3	1800	500	130	ug/L		50
cis-1,2-Dichloroethene	156-59-2	U	500	110	ug/L	U	50
cis-1,3-Dichloropropene	10061-01-5	U	500	50	ug/L	U	50
Cyclohexane	110-82-7	U	500	75	ug/L	U	50
Dibromochloromethane	124-48-1	U	500	75	ug/L	U	50
Dichlorodifluoromethane	75-71-8	U	500	110	ug/L	U	50
Ethylbenzene	100-41-4	U	500	95	ug/L	U	50
Isopropylbenzene	98-82-8	U	500	75	ug/L	U	50
m,p-Xylenes	179601-23-1	U	1000	260	ug/L	U	50
Methyl acetate	79-20-9	3900	1000	130	ug/L		50
Methyl tert-butyl ether	1634-04-4	U	1000	90	ug/L	U	50
Methylcyclohexane	108-87-2	U	500	55	ug/L	U	50

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-78** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-002** Date Collected: **Nov-18-08 11:30** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-24-08 13:06 Analyst: 4124 Date Prep: Dec-24-08 06:54 Tech: 4124
Seq Number: 744703

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	1400	500	210	ug/L		50
o-Xylene	95-47-6	U	500	100	ug/L	U	50
Styrene	100-42-5	U	500	90	ug/L	U	50
Tetrachloroethene	127-18-4	U	500	80	ug/L	U	50
Toluene	108-88-3	U	500	70	ug/L	U	50
trans-1,2-Dichloroethene	156-60-5	U	500	110	ug/L	U	50
trans-1,3-Dichloropropene	10061-02-6	U	500	55	ug/L	U	50
Trichloroethene	79-01-6	U	500	95	ug/L	U	50
Trichlorofluoromethane	75-69-4	U	500	270	ug/L	U	50
Vinyl chloride	75-01-4	U	500	95	ug/L	U	50
Xylenes, Total	1330-20-7	U	1500		ug/L	U	50

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-16-08 14:13 Analyst: ANI Date Prep: Dec-16-08 09:06 Tech: ANI
Seq Number: 743725

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	50	10	mg/L	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Dec-02-08 17:21 Analyst: BRZ Date Prep: Nov-25-08 14:00 Tech: 5458
Seq Number: 742213

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	53	6.0	0.52	mg/L		20

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	+14.0	N/A	N/A	SU		1

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Sample Id: **T-5**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-003**	Date Collected: **Nov-18-08 11:45**	Date Received: **Nov-19-08 13:00**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-25-08 18:45 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741676

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 17:02 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 14:46 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	5.0	0.91	ug/L	U	1
PCB-1221	11104-28-2	U	5.0	1.0	ug/L	U	1
PCB-1232	11141-16-5	U	5.0	0.75	ug/L	U	1
PCB-1242	53469-21-9	U	5.0	0.55	ug/L	U	1
PCB-1248	12672-29-6	U	5.0	1.0	ug/L	U	1
PCB-1254	11097-69-1	U	5.0	0.84	ug/L	U	1
PCB-1260	11096-82-5	U	5.0	0.83	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 23:18 Analyst: 11 Date Prep: Nov-21-08 16:52 Tech: ABA
Seq Number: 741314

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.226	0.050	0.033	mg/L		5
Barium	7440-39-3	U	0.250	0.012	mg/L	U	5
Cadmium	7440-43-9	0.516	0.025	0.001	mg/L		5
Chromium	7440-47-3	5.89	0.250	0.002	mg/L		5
Lead	7439-92-1	0.328	0.050	0.009	mg/L		5
Selenium	7782-49-2	U	0.050	0.039	mg/L	U	5
Silver	7440-22-4	U	0.250	0.003	mg/L	U	5

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Seven Out Superfund Site

Sample Id: **T-5**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-003**	Date Collected: **Nov-18-08 11:45**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 20:41 Analyst: KAN Date Prep: Nov-25-08 15:12 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	500	50.0	ug/L	U	5
1,2-Dichlorobenzene	95-50-1	U	500	50.0	ug/L	U	5
1,3-Dichlorobenzene	541-73-1	U	500	50.0	ug/L	U	5
1,4-Dichlorobenzene	106-46-7	U	500	50.0	ug/L	U	5
2,4,5-Trichlorophenol	95-95-4	U	500	50.0	ug/L	U	5
2,4,6-Trichlorophenol	88-06-2	U	500	50.0	ug/L	U	5
2,4-Dichlorophenol	120-83-2	U	500	50.0	ug/L	U	5
2,4-Dimethylphenol	105-67-9	U	500	53.6	ug/L	U	5
2,4-Dinitrophenol	51-28-5	U	1000	50.0	ug/L	U	5
2,4-Dinitrotoluene	121-14-2	U	500	50.0	ug/L	U	5
2,6-Dinitrotoluene	606-20-2	U	500	50.0	ug/L	U	5
2-Chloronaphthalene	91-58-7	U	500	50.0	ug/L	U	5
2-Chlorophenol	95-57-8	U	500	50.0	ug/L	U	5
2-Methylnaphthalene	91-57-6	U	500	54.7	ug/L	U	5
2-Methylphenol	95-48-7	U	500	66.5	ug/L	U	5
2-Nitroaniline	88-74-4	U	1000	50.0	ug/L	U	5
2-Nitrophenol	88-75-5	U	500	50.0	ug/L	U	5
3&4-Methylphenol		U	1000	75.2	ug/L	U	5
3,3-Dichlorobenzidine	91-94-1	U	1000	100	ug/L	U	5
3-Nitroaniline	99-09-2	U	1000	103	ug/L	U	5
4,6-dinitro-2-methyl phenol	534-52-1	U	1000	60.5	ug/L	U	5
4-Bromophenyl-phenylether	101-55-3	U	500	50.0	ug/L	U	5
4-chloro-3-methylphenol	59-50-7	U	500	54.2	ug/L	U	5
4-Chloroaniline	106-47-8	U	1000	50.0	ug/L	U	5
4-Chlorophenyl Phenyl Ether	7005-72-3	U	500	50.0	ug/L	U	5
4-Nitroaniline	100-01-6	U	1000	52.5	ug/L	U	5
4-Nitrophenol	100-02-7	U	1000	50.0	ug/L	U	5
Acenaphthene	83-32-9	U	500	50.0	ug/L	U	5
Acenaphthylene	208-96-8	U	500	50.0	ug/L	U	5
Anthracene	120-12-7	U	500	50.0	ug/L	U	5
Benzo(a)anthracene	56-55-3	U	500	50.0	ug/L	U	5
Benzo(a)pyrene	50-32-8	U	500	50.0	ug/L	U	5
Benzo(b)fluoranthene	205-99-2	U	500	50.0	ug/L	U	5
Benzo(g,h,i)perylene	191-24-2	U	500	50.0	ug/L	U	5
Benzo(k)fluoranthene	207-08-9	U	500	50.0	ug/L	U	5
bis(2-chloroethoxy) methane	111-91-1	U	500	50.0	ug/L	U	5
bis(2-chloroethyl) ether	111-44-4	U	500	50.0	ug/L	U	5
bis(2-ethylhexyl) phthalate	117-81-7	U	500	50.0	ug/L	U	5
Butyl benzyl phthalate	85-68-7	U	500	50.0	ug/L	U	5

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-5**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-003**	Date Collected: **Nov-18-08 11:45**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 20:41 Analyst: KAN Date Prep: Nov-25-08 15:12 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	500	50.0	ug/L	U	5
Chrysene	218-01-9	U	500	50.0	ug/L	U	5
Dibenz(a,h)anthracene	53-70-3	U	500	50.0	ug/L	U	5
Dibenzofuran	132-64-9	U	500	50.0	ug/L	U	5
Diethyl Phthalate	84-66-2	U	500	50.0	ug/L	U	5
Dimethyl Phthalate	131-11-3	U	500	50.0	ug/L	U	5
di-n-Butyl Phthalate	84-74-2	U	500	132	ug/L	U	5
di-n-Octyl Phthalate	117-84-0	U	500	50.0	ug/L	U	5
Fluoranthene	206-44-0	U	500	50.0	ug/L	U	5
Fluorene	86-73-7	U	500	50.0	ug/L	U	5
Hexachlorobenzene	118-74-1	U	500	50.0	ug/L	U	5
Hexachlorobutadiene	87-68-3	U	500	50.0	ug/L	U	5
Hexachlorocyclopentadiene	77-47-4	U	500	50.0	ug/L	U	5
Hexachloroethane	67-72-1	U	500	50.0	ug/L	U	5
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	500	50.0	ug/L	U	5
Isophorone	78-59-1	U	500	67.3	ug/L	U	5
Naphthalene	91-20-3	U	500	50.0	ug/L	U	5
Nitrobenzene	98-95-3	U	500	50.0	ug/L	U	5
N-Nitrosodi-n-Propylamine	621-64-7	U	500	50.0	ug/L	U	5
N-Nitrosodiphenylamine	86-30-6	U	500	84.9	ug/L	U	5
Pentachlorophenol	87-86-5	U	1000	50.0	ug/L	U	5
Phenanthrene	85-01-8	U	500	62.1	ug/L	U	5
Phenol	108-95-2	U	500	50.0	ug/L	U	5
Pyrene	129-00-0	U	500	50.0	ug/L	U	5

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Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-5** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-003** Date Collected: **Nov-18-08 11:45** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-24-08 12:38 Analyst: 4124 Date Prep: Dec-24-08 06:54 Tech: 4124
Seq Number: 744703

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	500	80	ug/L	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	500	90	ug/L	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	500	55	ug/L	U	50
1,1,2-Trichloroethane	79-00-5	U	500	130	ug/L	U	50
1,1-Dichloroethane	75-34-3	U	500	55	ug/L	U	50
1,1-Dichloroethene	75-35-4	U	500	100	ug/L	U	50
1,2,4-Trichlorobenzene	120-82-1	U	500	85	ug/L	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	500	95	ug/L	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	500	90	ug/L	U	50
1,2-Dichlorobenzene	95-50-1	U	500	70	ug/L	U	50
1,2-Dichloroethane	107-06-2	U	500	90	ug/L	U	50
1,2-Dichloropropane	78-87-5	U	500	75	ug/L	U	50
1,3-Dichlorobenzene	541-73-1	U	500	85	ug/L	U	50
1,4-Dichlorobenzene	106-46-7	U	500	85	ug/L	U	50
2-Butanone (MEK)	78-93-3	U	1000	140	ug/L	U	50
2-Hexanone	591-78-6	U	1000	160	ug/L	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	1000	130	ug/L	U	50
Acetone	67-64-1	U	1000	180	ug/L	U	50
Benzene	71-43-2	U	500	80	ug/L	U	50
Bromodichloromethane	75-27-4	U	500	130	ug/L	U	50
Bromoform	75-25-2	U	500	85	ug/L	U	50
Bromomethane	74-83-9	3500	500	130	ug/L		50
Carbon disulfide	75-15-0	U	500	130	ug/L	U	50
Carbon tetrachloride	56-23-5	U	500	170	ug/L	U	50
Chlorobenzene	108-90-7	U	500	75	ug/L	U	50
Chloroethane	75-00-3	U	500	130	ug/L	U	50
Chloroform	67-66-3	U	500	80	ug/L	U	50
Chloromethane	74-87-3	2100	500	130	ug/L		50
cis-1,2-Dichloroethene	156-59-2	U	500	110	ug/L	U	50
cis-1,3-Dichloropropene	10061-01-5	U	500	50	ug/L	U	50
Cyclohexane	110-82-7	U	500	75	ug/L	U	50
Dibromochloromethane	124-48-1	U	500	75	ug/L	U	50
Dichlorodifluoromethane	75-71-8	U	500	110	ug/L	U	50
Ethylbenzene	100-41-4	U	500	95	ug/L	U	50
Isopropylbenzene	98-82-8	U	500	75	ug/L	U	50
m,p-Xylenes	179601-23-1	U	1000	260	ug/L	U	50
Methyl acetate	79-20-9	40000	1000	130	ug/L	D	250
Methyl tert-butyl ether	1634-04-4	U	1000	90	ug/L	U	50
Methylcyclohexane	108-87-2	U	500	55	ug/L	U	50

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Sample Id: **T-5** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-003** Date Collected: **Nov-18-08 11:45** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-24-08 12:38 Analyst: 4124 Date Prep: Dec-24-08 06:54 Tech: 4124
Seq Number: 744703

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	7300	500	210	ug/L		50
o-Xylene	95-47-6	U	500	100	ug/L	U	50
Styrene	100-42-5	U	500	90	ug/L	U	50
Tetrachloroethene	127-18-4	U	500	80	ug/L	U	50
Toluene	108-88-3	U	500	70	ug/L	U	50
trans-1,2-Dichloroethene	156-60-5	U	500	110	ug/L	U	50
trans-1,3-Dichloropropene	10061-02-6	U	500	55	ug/L	U	50
Trichloroethene	79-01-6	U	500	95	ug/L	U	50
Trichlorofluoromethane	75-69-4	U	500	270	ug/L	U	50
Vinyl chloride	75-01-4	U	500	95	ug/L	U	50
Xylenes, Total	1330-20-7	U	1500		ug/L		50

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-16-08 14:44 Analyst: ANI Date Prep: Dec-16-08 09:06 Tech: ANI
Seq Number: 743725

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	50	10	mg/L	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Dec-02-08 17:46 Analyst: BRZ Date Prep: Nov-25-08 14:00 Tech: 5458
Seq Number: 742213

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	710	75	6.5	mg/L		25

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	3.50	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.058

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Sample Id: **T-4** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-004** Date Collected: **Nov-18-08 11:55** Date Received: **Nov-19-08 13:00**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-25-08 18:45 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741676

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 17:05 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-05-08 17:58 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	96	11	ug/kg	U	1
PCB-1221	11104-28-2	U	96	10	ug/kg	U	1
PCB-1232	11141-16-5	U	96	9.7	ug/kg	U	1
PCB-1242	53469-21-9	U	96	11	ug/kg	U	1
PCB-1248	12672-29-6	U	96	10	ug/kg	U	1
PCB-1254	11097-69-1	U	96	11	ug/kg	U	1
PCB-1260	11096-82-5	U	96	12	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 23:20 Analyst: 11 Date Prep: Nov-21-08 16:52 Tech: ABA
Seq Number: 741314

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.485	0.050	0.033	mg/L		5
Barium	7440-39-3	0.924	0.250	0.012	mg/L		5
Cadmium	7440-43-9	9.97	0.025	0.001	mg/L		5
Chromium	7440-47-3	43.4	0.250	0.002	mg/L		5
Lead	7439-92-1	4.86	0.050	0.009	mg/L		5
Selenium	7782-49-2	U	0.050	0.039	mg/L	U	5
Silver	7440-22-4	U	0.250	0.003	mg/L	U	5

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

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Sample Id: **T-4**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-004**	Date Collected: **Nov-18-08 11:55**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-11-08 14:08 Analyst: KAN Date Prep: Dec-01-08 10:12 Tech: KAN

Seq Number: 743463

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	2500	250	mg/kg	U	25
1,2-Dichlorobenzene	95-50-1	U	2500	250	mg/kg	U	25
1,3-Dichlorobenzene	541-73-1	U	2500	250	mg/kg	U	25
1,4-Dichlorobenzene	106-46-7	U	2500	282	mg/kg	U	25
2,4,5-Trichlorophenol	95-95-4	U	2500	250	mg/kg	U	25
2,4,6-Trichlorophenol	88-06-2	U	2500	276	mg/kg	U	25
2,4-Dichlorophenol	120-83-2	U	2500	250	mg/kg	U	25
2,4-Dimethylphenol	105-67-9	U	2500	250	mg/kg	U	25
2,4-Dinitrophenol	51-28-5	U	5000	250	mg/kg	U	25
2,4-Dinitrotoluene	121-14-2	U	2500	327	mg/kg	U	25
2,6-Dinitrotoluene	606-20-2	U	2500	250	mg/kg	U	25
2-Chloronaphthalene	91-58-7	U	2500	250	mg/kg	U	25
2-Chlorophenol	95-57-8	U	2500	250	mg/kg	U	25
2-Methylnaphthalene	91-57-6	U	2500	263	mg/kg	U	25
2-methylphenol	95-48-7	U	2500	311	mg/kg	U	25
2-Nitroaniline	88-74-4	U	5000	261	mg/kg	U	25
2-Nitrophenol	88-75-5	U	2500	250	mg/kg	U	25
3&4-Methylphenol		U	5000	506	mg/kg	U	25
3,3-Dichlorobenzidine	91-94-1	U	5000	478	mg/kg	U	25
3-Nitroaniline	99-09-2	U	5000	532	mg/kg	U	25
4,6-dinitro-2-methyl phenol	534-52-1	U	5000	283	mg/kg	U	25
4-Bromophenyl-phenylether	101-55-3	U	2500	339	mg/kg	U	25
4-chloro-3-methylphenol	59-50-7	U	2500	305	mg/kg	U	25
4-Chloroaniline	106-47-8	U	5000	250	mg/kg	U	25
4-Chlorophenyl Phenyl Ether	7005-72-3	U	2500	250	mg/kg	U	25
4-Nitroaniline	100-01-6	U	5000	420	mg/kg	U	25
4-Nitrophenol	100-02-7	U	5000	434	mg/kg	U	25
Acenaphthene	83-32-9	U	2500	250	mg/kg	U	25
Acenaphthylene	208-96-8	U	2500	250	mg/kg	U	25
Anthracene	120-12-7	U	2500	335	mg/kg	U	25
Benzo(a)anthracene	56-55-3	U	2500	250	mg/kg	U	25
Benzo(a)pyrene	50-32-8	U	2500	250	mg/kg	U	25
Benzo(b)fluoranthene	205-99-2	U	2500	250	mg/kg	U	25
Benzo(g,h,i)perylene	191-24-2	U	2500	250	mg/kg	U	25
Benzo(k)fluoranthene	207-08-9	U	2500	255	mg/kg	U	25
bis(2-chloroethoxy) methane	111-91-1	U	2500	250	mg/kg	U	25
bis(2-chloroethyl) ether	111-44-4	U	2500	250	mg/kg	U	25
bis(2-ethylhexyl) phthalate	117-81-7	U	2500	250	mg/kg	U	25
Butyl benzyl phthalate	85-68-7	U	2500	287	mg/kg	U	25

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-4**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-004**	Date Collected: **Nov-18-08 11:55**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-11-08 14:08 Analyst: KAN Date Prep: Dec-01-08 10:12 Tech: KAN

Seq Number: 743463

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	2500	308	mg/kg	U	25
Chrysene	218-01-9	U	2500	250	mg/kg	U	25
Dibenz(a,h)Anthracene	53-70-3	U	2500	303	mg/kg	U	25
Dibenzofuran	132-64-9	U	2500	277	mg/kg	U	25
Diethyl Phthalate	84-66-2	U	2500	250	mg/kg	U	25
Dimethyl Phthalate	131-11-3	U	2500	285	mg/kg	U	25
di-n-Butyl Phthalate	84-74-2	U	2500	250	mg/kg	U	25
di-n-Octyl Phthalate	117-84-0	U	2500	250	mg/kg	U	25
Fluoranthene	206-44-0	U	2500	276	mg/kg	U	25
Fluorene	86-73-7	U	2500	250	mg/kg	U	25
Hexachlorobenzene	118-74-1	U	2500	253	mg/kg	U	25
Hexachlorobutadiene	87-68-3	U	2500	250	mg/kg	U	25
Hexachlorocyclopentadiene	77-47-4	U	2500	250	mg/kg	U	25
Hexachloroethane	67-72-1	U	2500	268	mg/kg	U	25
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	2500	365	mg/kg	U	25
Isophorone	78-59-1	U	2500	405	mg/kg	U	25
Naphthalene	91-20-3	U	2500	268	mg/kg	U	25
Nitrobenzene	98-95-3	U	2500	250	mg/kg	U	25
N-Nitrosodi-n-Propylamine	621-64-7	U	2500	250	mg/kg	U	25
N-Nitrosodiphenylamine	86-30-6	U	2500	301	mg/kg	U	25
Pentachlorophenol	87-86-5	U	5000	356	mg/kg	U	25
Phenanthrene	85-01-8	U	2500	250	mg/kg	U	25
Phenol	108-95-2	U	2500	250	mg/kg	U	25
Pyrene	129-00-0	U	2500	285	mg/kg	U	25

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-4** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-004** Date Collected: **Nov-18-08 11:55** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-24-08 13:35 Analyst: 4124 Date Prep: Dec-24-08 06:54 Tech: 4124
Seq Number: 744703

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	500	80	ug/L	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	500	90	ug/L	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	500	55	ug/L	U	50
1,1,2-Trichloroethane	79-00-5	U	500	130	ug/L	U	50
1,1-Dichloroethane	75-34-3	U	500	55	ug/L	U	50
1,1-Dichloroethene	75-35-4	U	500	100	ug/L	U	50
1,2,4-Trichlorobenzene	120-82-1	U	500	85	ug/L	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	500	95	ug/L	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	500	90	ug/L	U	50
1,2-Dichlorobenzene	95-50-1	U	500	70	ug/L	U	50
1,2-Dichloroethane	107-06-2	U	500	90	ug/L	U	50
1,2-Dichloropropane	78-87-5	U	500	75	ug/L	U	50
1,3-Dichlorobenzene	541-73-1	U	500	85	ug/L	U	50
1,4-Dichlorobenzene	106-46-7	U	500	85	ug/L	U	50
2-Butanone (MEK)	78-93-3	U	1000	140	ug/L	U	50
2-Hexanone	591-78-6	U	1000	160	ug/L	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	1000	130	ug/L	U	50
Acetone	67-64-1	U	1000	180	ug/L	U	50
Benzene	71-43-2	U	500	80	ug/L	U	50
Bromodichloromethane	75-27-4	U	500	130	ug/L	U	50
Bromoform	75-25-2	U	500	85	ug/L	U	50
Bromomethane	74-83-9	4900	500	130	ug/L		50
Carbon disulfide	75-15-0	U	500	130	ug/L	U	50
Carbon tetrachloride	56-23-5	U	500	170	ug/L	U	50
Chlorobenzene	108-90-7	U	500	75	ug/L	U	50
Chloroethane	75-00-3	U	500	130	ug/L	U	50
Chloroform	67-66-3	U	500	80	ug/L	U	50
Chloromethane	74-87-3	7900	500	130	ug/L		50
cis-1,2-Dichloroethene	156-59-2	U	500	110	ug/L	U	50
cis-1,3-Dichloropropene	10061-01-5	U	500	50	ug/L	U	50
Cyclohexane	110-82-7	U	500	75	ug/L	U	50
Dibromochloromethane	124-48-1	U	500	75	ug/L	U	50
Dichlorodifluoromethane	75-71-8	U	500	110	ug/L	U	50
Ethylbenzene	100-41-4	U	500	95	ug/L	U	50
Isopropylbenzene	98-82-8	U	500	75	ug/L	U	50
m,p-Xylenes	179601-23-1	U	1000	260	ug/L	U	50
Methyl acetate	79-20-9	3300	1000	130	ug/L		50
Methyl tert-butyl ether	1634-04-4	U	1000	90	ug/L	U	50
Methylcyclohexane	108-87-2	U	500	55	ug/L	U	50

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Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-4** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-004** Date Collected: **Nov-18-08 11:55** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-24-08 13:35 Analyst: 4124 Date Prep: Dec-24-08 06:54 Tech: 4124
Seq Number: 744703

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	1100	500	210	ug/L		50
o-Xylene	95-47-6	U	500	100	ug/L	U	50
Styrene	100-42-5	U	500	90	ug/L	U	50
Tetrachloroethene	127-18-4	U	500	80	ug/L	U	50
Toluene	108-88-3	U	500	70	ug/L	U	50
trans-1,2-Dichloroethene	156-60-5	U	500	110	ug/L	U	50
trans-1,3-Dichloropropene	10061-02-6	U	500	55	ug/L	U	50
Trichloroethene	79-01-6	U	500	95	ug/L	U	50
Trichlorofluoromethane	75-69-4	U	500	270	ug/L	U	50
Vinyl chloride	75-01-4	U	500	95	ug/L	U	50
Xylenes, Total	1330-20-7	U	1500		ug/L	U	50

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-16-08 15:45 Analyst: ANI Date Prep: Dec-16-08 09:06 Tech: ANI
Seq Number: 743725

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	50	10	mg/L	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 12:56 Analyst: BRZ Date Prep: Dec-01-08 10:00 Tech: 4155
Seq Number: 743303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	U	3000	340	mg/kg	U	1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	3.00	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

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Sample Id: **TO-13** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-005** Date Collected: **Nov-18-08 12:25** Date Received: **Nov-19-08 13:00**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-28-08 23:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744832

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	0.001	Deg F	U	1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 17:15 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0100	0.0003	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-05-08 18:22 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	70	7.8	ug/kg	U	1
PCB-1221	11104-28-2	U	70	7.3	ug/kg	U	1
PCB-1232	11141-16-5	U	70	7.1	ug/kg	U	1
PCB-1242	53469-21-9	U	70	7.7	ug/kg	U	1
PCB-1248	12672-29-6	U	70	7.4	ug/kg	U	1
PCB-1254	11097-69-1	U	70	8.0	ug/kg	U	1
PCB-1260	11096-82-5	U	70	8.9	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 23:26 Analyst: 11 Date Prep: Nov-21-08 16:52 Tech: ABA
Seq Number: 741314

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.256	0.100	0.067	mg/L		1
Barium	7440-39-3	U	0.500	0.023	mg/L	U	1
Cadmium	7440-43-9	U	0.050	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.500	0.004	mg/L	U	1
Lead	7439-92-1	U	0.100	0.019	mg/L	U	1
Selenium	7782-49-2	0.336	0.100	0.077	mg/L		1
Silver	7440-22-4	U	0.500	0.007	mg/L	U	1

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Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-13**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-005**	Date Collected: **Nov-18-08 12:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 21:12 Analyst: KAN Date Prep: Dec-01-08 10:15 Tech: KAN

Seq Number: 743463

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	100	10.0	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	100	10.0	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	100	10.0	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	100	11.3	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	100	10.0	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	100	11.0	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	100	10.0	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	100	10.0	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	200	10.0	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	100	13.1	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	100	10.0	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	100	10.0	mg/kg	U	1
2-Chlorophenol	95-57-8	U	100	10.0	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	100	10.5	mg/kg	U	1
2-methylphenol	95-48-7	U	100	12.4	mg/kg	U	1
2-Nitroaniline	88-74-4	U	200	10.4	mg/kg	U	1
2-Nitrophenol	88-75-5	U	100	10.0	mg/kg	U	1
3&4-Methylphenol		U	200	20.2	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	200	19.1	mg/kg	U	1
3-Nitroaniline	99-09-2	U	200	21.3	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	200	11.3	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	100	13.6	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	100	12.2	mg/kg	U	1
4-Chloroaniline	106-47-8	U	200	10.0	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	100	10.0	mg/kg	U	1
4-Nitroaniline	100-01-6	U	200	16.8	mg/kg	U	1
4-Nitrophenol	100-02-7	U	200	17.4	mg/kg	U	1
Acenaphthene	83-32-9	U	100	10.0	mg/kg	U	1
Acenaphthylene	208-96-8	U	100	10.0	mg/kg	U	1
Anthracene	120-12-7	U	100	13.4	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	100	10.0	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	100	10.0	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	100	10.0	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	100	10.0	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	100	10.2	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	100	10.0	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	100	10.0	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	100	10.0	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	100	11.5	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-13**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-005**	Date Collected: **Nov-18-08 12:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 21:12 Analyst: KAN Date Prep: Dec-01-08 10:15 Tech: KAN

Seq Number: 743463

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	100	12.3	mg/kg	U	1
Chrysene	218-01-9	U	100	10.0	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	100	12.1	mg/kg	U	1
Dibenzofuran	132-64-9	U	100	11.1	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	100	10.0	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	100	11.4	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	100	10.0	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	100	10.0	mg/kg	U	1
Fluoranthene	206-44-0	U	100	11.0	mg/kg	U	1
Fluorene	86-73-7	U	100	10.0	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	100	10.1	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	100	10.0	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	100	10.0	mg/kg	U	1
Hexachloroethane	67-72-1	U	100	10.7	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	100	14.6	mg/kg	U	1
Isophorone	78-59-1	U	100	16.2	mg/kg	U	1
Naphthalene	91-20-3	U	100	10.7	mg/kg	U	1
Nitrobenzene	98-95-3	U	100	10.0	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	100	10.0	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	100	12.1	mg/kg	U	1
Pentachlorophenol	87-86-5	U	200	14.2	mg/kg	U	1
Phenanthrene	85-01-8	U	100	10.0	mg/kg	U	1
Phenol	108-95-2	U	100	10.0	mg/kg	U	1
Pyrene	129-00-0	U	100	11.4	mg/kg	U	1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-13**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-005**	Date Collected: **Nov-18-08 12:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-24-08 14:04 Analyst: 4124 Date Prep: Dec-24-08 06:54 Tech: 4124

Seq Number: 744703

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	470	75	ug/L	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	470	84	ug/L	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	470	51	ug/L	U	50
1,1,2-Trichloroethane	79-00-5	U	470	120	ug/L	U	50
1,1-Dichloroethane	75-34-3	U	470	51	ug/L	U	50
1,1-Dichloroethene	75-35-4	U	470	93	ug/L	U	50
1,2,4-Trichlorobenzene	120-82-1	U	470	79	ug/L	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	470	89	ug/L	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	470	84	ug/L	U	50
1,2-Dichlorobenzene	95-50-1	U	470	65	ug/L	U	50
1,2-Dichloroethane	107-06-2	U	470	84	ug/L	U	50
1,2-Dichloropropane	78-87-5	U	470	70	ug/L	U	50
1,3-Dichlorobenzene	541-73-1	U	470	79	ug/L	U	50
1,4-Dichlorobenzene	106-46-7	U	470	79	ug/L	U	50
2-Butanone (MEK)	78-93-3	U	930	130	ug/L	U	50
2-Hexanone	591-78-6	U	930	150	ug/L	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	930	120	ug/L	U	50
Acetone	67-64-1	U	930	160	ug/L	U	50
Benzene	71-43-2	U	470	75	ug/L	U	50
Bromodichloromethane	75-27-4	U	470	120	ug/L	U	50
Bromoform	75-25-2	U	470	79	ug/L	U	50
Bromomethane	74-83-9	3300	470	120	ug/L		50
Carbon disulfide	75-15-0	U	470	120	ug/L	U	50
Carbon tetrachloride	56-23-5	U	470	150	ug/L	U	50
Chlorobenzene	108-90-7	U	470	70	ug/L	U	50
Chloroethane	75-00-3	U	470	120	ug/L	U	50
Chloroform	67-66-3	U	470	75	ug/L	U	50
Chloromethane	74-87-3	1800	470	120	ug/L		50
cis-1,2-Dichloroethene	156-59-2	U	470	98	ug/L	U	50
cis-1,3-Dichloropropene	10061-01-5	U	470	47	ug/L	U	50
Cyclohexane	110-82-7	U	470	70	ug/L	U	50
Dibromochloromethane	124-48-1	U	470	70	ug/L	U	50
Dichlorodifluoromethane	75-71-8	U	470	100	ug/L	U	50
Ethylbenzene	100-41-4	U	470	89	ug/L	U	50
Isopropylbenzene	98-82-8	U	470	70	ug/L	U	50
m,p-Xylenes	179601-23-1	U	930	240	ug/L	U	50
Methyl acetate	79-20-9	U	930	120	ug/L	U	50
Methyl tert-butyl ether	1634-04-4	U	930	84	ug/L	U	50
Methylcyclohexane	108-87-2	U	470	51	ug/L	U	50

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Version: 1.058

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Seven Out Superfund Site

Sample Id: **TO-13** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-005** Date Collected: **Nov-18-08 12:25** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-24-08 14:04 Analyst: 4124 Date Prep: Dec-24-08 06:54 Tech: 4124
Seq Number: 744703

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	950	470	200	ug/L		50
o-Xylene	95-47-6	U	470	93	ug/L	U	50
Styrene	100-42-5	U	470	84	ug/L	U	50
Tetrachloroethene	127-18-4	U	470	75	ug/L	U	50
Toluene	108-88-3	U	470	65	ug/L	U	50
trans-1,2-Dichloroethene	156-60-5	U	470	98	ug/L	U	50
trans-1,3-Dichloropropene	10061-02-6	U	470	51	ug/L	U	50
Trichloroethene	79-01-6	U	470	89	ug/L	U	50
Trichlorofluoromethane	75-69-4	U	470	250	ug/L	U	50
Vinyl chloride	75-01-4	U	470	89	ug/L	U	50
Xylenes, Total	1330-20-7	U	1400		ug/L	U	50

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-16-08 15:14 Analyst: ANI Date Prep: Dec-16-08 09:06 Tech: ANI
Seq Number: 743725

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	50	10	mg/L	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-05-08 15:04 Analyst: BRZ Date Prep: Dec-01-08 10:00 Tech: 4155
Seq Number: 743303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	U	2400	280	mg/kg	U	1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	4.00	N/A	N/A	SU		1

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Version: 1.058

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Sample Id: **DR-2**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-006**	Date Collected: **Nov-18-08 13:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 13:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744717

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 14:44 Analyst: 4150 Date Prep: Nov-22-08 13:22 Tech: ABA
Seq Number: 741303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0490	0.0029	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-05-08 18:46 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	130	14	ug/kg	U	1
PCB-1221	11104-28-2	U	130	13	ug/kg	U	1
PCB-1232	11141-16-5	U	130	13	ug/kg	U	1
PCB-1242	53469-21-9	U	130	14	ug/kg	U	1
PCB-1248	12672-29-6	U	130	14	ug/kg	U	1
PCB-1254	11097-69-1	U	130	15	ug/kg	U	1
PCB-1260	11096-82-5	U	130	16	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 21:35 Analyst: 11 Date Prep: Nov-22-08 13:19 Tech: ABA
Seq Number: 741315

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.81	0.593	mg/kg	U	1
Barium	7440-39-3	U	4.81	0.147	mg/kg	U	1
Cadmium	7440-43-9	U	0.481	0.020	mg/kg	U	1
Chromium	7440-47-3	U	4.81	0.092	mg/kg	U	1
Lead	7439-92-1	U	4.81	0.288	mg/kg	U	1
Selenium	7782-49-2	U	4.81	0.919	mg/kg	U	1
Silver	7440-22-4	U	4.81	0.046	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

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Sample Id: **DR-2**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-006**	Date Collected: **Nov-18-08 13:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 741292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	4.30	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

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Sample Id: **DR-2**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-006**	Date Collected: **Nov-18-08 13:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-17-08 17:28 Analyst: KAN Date Prep: Dec-08-08 14:30 Tech: KAN

Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	1080	108	mg/kg	U	10
1,2-Dichlorobenzene	95-50-1	U	1080	108	mg/kg	U	10
1,3-Dichlorobenzene	541-73-1	U	1080	108	mg/kg	U	10
1,4-Dichlorobenzene	106-46-7	U	1080	121	mg/kg	U	10
2,4,5-Trichlorophenol	95-95-4	U	1080	108	mg/kg	U	10
2,4,6-Trichlorophenol	88-06-2	U	1080	119	mg/kg	U	10
2,4-Dichlorophenol	120-83-2	U	1080	108	mg/kg	U	10
2,4-Dimethylphenol	105-67-9	U	1080	108	mg/kg	U	10
2,4-Dinitrophenol	51-28-5	U	2150	108	mg/kg	U	10
2,4-Dinitrotoluene	121-14-2	U	1080	141	mg/kg	U	10
2,6-Dinitrotoluene	606-20-2	U	1080	108	mg/kg	U	10
2-Chloronaphthalene	91-58-7	U	1080	108	mg/kg	U	10
2-Chlorophenol	95-57-8	U	1080	108	mg/kg	U	10
2-Methylnaphthalene	91-57-6	U	1080	113	mg/kg	U	10
2-methylphenol	95-48-7	U	1080	134	mg/kg	U	10
2-Nitroaniline	88-74-4	U	2150	112	mg/kg	U	10
2-Nitrophenol	88-75-5	U	1080	108	mg/kg	U	10
3&4-Methylphenol		U	2150	218	mg/kg	U	10
3,3-Dichlorobenzidine	91-94-1	U	2150	205	mg/kg	U	10
3-Nitroaniline	99-09-2	U	2150	229	mg/kg	U	10
4,6-dinitro-2-methyl phenol	534-52-1	U	2150	122	mg/kg	U	10
4-Bromophenyl-phenylether	101-55-3	U	1080	146	mg/kg	U	10
4-chloro-3-methylphenol	59-50-7	U	1080	131	mg/kg	U	10
4-Chloroaniline	106-47-8	U	2150	108	mg/kg	U	10
4-Chlorophenyl Phenyl Ether	7005-72-3	U	1080	108	mg/kg	U	10
4-Nitroaniline	100-01-6	U	2150	181	mg/kg	U	10
4-Nitrophenol	100-02-7	U	2150	187	mg/kg	U	10
Acenaphthene	83-32-9	U	1080	108	mg/kg	U	10
Acenaphthylene	208-96-8	U	1080	108	mg/kg	U	10
Anthracene	120-12-7	U	1080	144	mg/kg	U	10
Benzo(a)anthracene	56-55-3	U	1080	108	mg/kg	U	10
Benzo(a)pyrene	50-32-8	U	1080	108	mg/kg	U	10
Benzo(b)fluoranthene	205-99-2	U	1080	108	mg/kg	U	10
Benzo(g,h,i)perylene	191-24-2	U	1080	108	mg/kg	U	10
Benzo(k)fluoranthene	207-08-9	U	1080	110	mg/kg	U	10
bis(2-chloroethoxy) methane	111-91-1	U	1080	108	mg/kg	U	10
bis(2-chloroethyl) ether	111-44-4	U	1080	108	mg/kg	U	10
bis(2-ethylhexyl) phthalate	117-81-7	U	1080	108	mg/kg	U	10
Butyl benzyl phthalate	85-68-7	U	1080	123	mg/kg	U	10

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DR-2**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-006**	Date Collected: **Nov-18-08 13:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-17-08 17:28 Analyst: KAN Date Prep: Dec-08-08 14:30 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	1080	132	mg/kg	U	10
Chrysene	218-01-9	U	1080	108	mg/kg	U	10
Dibenz(a,h)Anthracene	53-70-3	U	1080	130	mg/kg	U	10
Dibenzofuran	132-64-9	U	1080	119	mg/kg	U	10
Diethyl Phthalate	84-66-2	U	1080	108	mg/kg	U	10
Dimethyl Phthalate	131-11-3	U	1080	122	mg/kg	U	10
di-n-Butyl Phthalate	84-74-2	U	1080	108	mg/kg	U	10
di-n-Octyl Phthalate	117-84-0	U	1080	108	mg/kg	U	10
Fluoranthene	206-44-0	U	1080	118	mg/kg	U	10
Fluorene	86-73-7	U	1080	108	mg/kg	U	10
Hexachlorobenzene	118-74-1	U	1080	109	mg/kg	U	10
Hexachlorobutadiene	87-68-3	U	1080	108	mg/kg	U	10
Hexachlorocyclopentadiene	77-47-4	U	1080	108	mg/kg	U	10
Hexachloroethane	67-72-1	U	1080	115	mg/kg	U	10
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	1080	157	mg/kg	U	10
Isophorone	78-59-1	U	1080	174	mg/kg	U	10
Naphthalene	91-20-3	U	1080	115	mg/kg	U	10
Nitrobenzene	98-95-3	U	1080	108	mg/kg	U	10
N-Nitrosodi-n-Propylamine	621-64-7	U	1080	108	mg/kg	U	10
N-Nitrosodiphenylamine	86-30-6	U	1080	130	mg/kg	U	10
Pentachlorophenol	87-86-5	U	2150	153	mg/kg	U	10
Phenanthrene	85-01-8	U	1080	108	mg/kg	U	10
Phenol	108-95-2	U	1080	108	mg/kg	U	10
Pyrene	129-00-0	U	1080	123	mg/kg	U	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 23:00 Analyst: ANI Date Prep: Dec-17-08 16:52 Tech: ANI
Seq Number: 743961

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	61	9.2	mg/kg	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-23-08 23:31 Analyst: BRZ Date Prep: Dec-08-08 10:00 Tech: 4155
Seq Number: 744909

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	U	3600	410	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

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Seven Out Superfund Site

Sample Id: **DR-2**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-006**	Date Collected: **Nov-18-08 13:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 13:31 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1500	230	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	1500	360	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1500	340	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	1500	210	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	1500	250	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	1500	360	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	1500	270	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1500	500	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	1500	260	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	1500	400	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	1500	180	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	1500	280	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	1500	310	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	1500	210	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	15000	2800	ug/kg	U	50
2-Hexanone	591-78-6	U	15000	350	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	15000	990	ug/kg	U	50
Acetone	67-64-1	U	15000	2100	ug/kg	U	50
Benzene	71-43-2	U	1500	160	ug/kg	U	50
Bromodichloromethane	75-27-4	U	1500	150	ug/kg	U	50
Bromoform	75-25-2	U	1500	290	ug/kg	U	50
Bromomethane	74-83-9	1700	1500	750	ug/kg		50
Carbon disulfide	75-15-0	U	1500	450	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	1500	230	ug/kg	U	50
Chlorobenzene	108-90-7	U	3100	180	ug/kg	U	50
Chloroethane	75-00-3	U	1500	750	ug/kg	U	50
Chloroform	67-66-3	U	1500	230	ug/kg	U	50
Chloromethane	74-87-3	U	1500	710	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	1500	200	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	1500	170	ug/kg	U	50
Cyclohexane	110-82-7	U	1500	290	ug/kg	U	50
Dibromochloromethane	124-48-1	U	1500	300	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	1500	360	ug/kg	U	50
Ethylbenzene	100-41-4	U	1500	170	ug/kg	U	50
Isopropylbenzene	98-82-8	U	1500	230	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	3100	370	ug/kg	U	50
Methyl acetate	79-20-9	U	1500	290	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	1500	210	ug/kg	U	50
Methylcyclohexane	108-87-2	U	1500	330	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.058

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Sample Id: **DR-2**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-006**	Date Collected: **Nov-18-08 13:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 13:31 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1500	660	ug/kg	U	50
o-Xylene	95-47-6	U	1500	220	ug/kg	U	50
Styrene	100-42-5	U	1500	230	ug/kg	U	50
Tetrachloroethene	127-18-4	U	1500	320	ug/kg	U	50
Toluene	108-88-3	U	1500	180	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	1500	240	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	1500	210	ug/kg	U	50
Trichloroethene	79-01-6	U	1500	220	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	1500	1100	ug/kg	U	50
Vinyl chloride	75-01-4	U	1500	620	ug/kg	U	50
Xylenes, Total	1330-20-7	U	1500		ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.058

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Sample Id: **DR-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-007**	Date Collected: **Nov-18-08 14:30**	Date Received: **Nov-19-08 13:00**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 17:19 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 15:09 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 23:51 Analyst: 11 Date Prep: Nov-21-08 16:52 Tech: ABA
Seq Number: 741314

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.545	0.010	0.007	mg/L		1
Barium	7440-39-3	0.061	0.050	0.002	mg/L		1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	0.143	0.050	0.001	mg/L		1
Lead	7439-92-1	0.021	0.010	0.002	mg/L		1
Selenium	7782-49-2	0.046	0.010	0.008	mg/L		1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DR-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-007**	Date Collected: **Nov-18-08 14:30**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 18:03 Analyst: KAN Date Prep: Nov-25-08 15:15 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.00	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.00	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	1.00	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.00	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	1.00	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.00	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.00	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.07	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	1.00	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	1.00	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	1.00	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.00	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.00	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.09	ug/L	U	1
2-Methylphenol	95-48-7	U	10.0	1.33	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	1.00	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.00	ug/L	U	1
3&4-Methylphenol		U	20.0	1.50	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	2.00	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.07	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.21	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	1.00	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	1.08	ug/L	U	1
4-Chloroaniline	106-47-8	U	20.0	1.00	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.00	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	1.05	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	1.00	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.00	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.00	ug/L	U	1
Anthracene	120-12-7	U	10.0	1.00	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.00	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.00	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.00	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.00	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	1.00	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.00	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.00	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.00	ug/L	U	1
Butyl benzyl phthalate	85-68-7	U	10.0	1.00	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DR-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-007**	Date Collected: **Nov-18-08 14:30**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 18:03 Analyst: KAN Date Prep: Nov-25-08 15:15 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.00	ug/L	U	1
Chrysene	218-01-9	U	10.0	1.00	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.00	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.00	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.00	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.00	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.64	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.00	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.00	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.00	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	1.00	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.00	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.00	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	1.00	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.00	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.35	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.00	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.00	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.00	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	1.70	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	1.00	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	1.24	ug/L	U	1
Phenol	108-95-2	U	10.0	1.00	ug/L	U	1
Pyrene	129-00-0	U	10.0	1.00	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DR-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-007**	Date Collected: **Nov-18-08 14:30**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-20-08 01:11 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124

Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

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Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **DR-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-007**	Date Collected: **Nov-18-08 14:30**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-20-08 01:11 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 21:50 Analyst: ANI Date Prep: Dec-12-08 18:15 Tech: ANI
Seq Number: 743425

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Dec-01-08 22:39 Analyst: BRZ Date Prep: Nov-25-08 14:00 Tech: 5458
Seq Number: 742213

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	1.8	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	4.50	N/A	N/A	SU		1

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Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-11**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-008**	Date Collected: **Nov-18-08 14:55**	Date Received: **Nov-19-08 13:00**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 17:22 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 15:33 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 23:53 Analyst: 11 Date Prep: Nov-21-08 16:52 Tech: ABA
Seq Number: 741314

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.020	0.010	0.007	mg/L		1
Barium	7440-39-3	0.453	0.050	0.002	mg/L		1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	0.018	0.010	0.002	mg/L		1
Selenium	7782-49-2	0.022	0.010	0.008	mg/L		1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-11** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-008** Date Collected: **Nov-18-08 14:55** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 21:20 Analyst: KAN Date Prep: Nov-25-08 15:18 Tech: 5458
Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	50.0	5.00	ug/L	U	5
1,2-Dichlorobenzene	95-50-1	U	50.0	5.00	ug/L	U	5
1,3-Dichlorobenzene	541-73-1	U	50.0	5.00	ug/L	U	5
1,4-Dichlorobenzene	106-46-7	U	50.0	5.00	ug/L	U	5
2,4,5-Trichlorophenol	95-95-4	U	50.0	5.00	ug/L	U	5
2,4,6-Trichlorophenol	88-06-2	U	50.0	5.00	ug/L	U	5
2,4-Dichlorophenol	120-83-2	U	50.0	5.00	ug/L	U	5
2,4-Dimethylphenol	105-67-9	U	50.0	5.36	ug/L	U	5
2,4-Dinitrophenol	51-28-5	U	100	5.00	ug/L	U	5
2,4-Dinitrotoluene	121-14-2	U	50.0	5.00	ug/L	U	5
2,6-Dinitrotoluene	606-20-2	U	50.0	5.00	ug/L	U	5
2-Chloronaphthalene	91-58-7	U	50.0	5.00	ug/L	U	5
2-Chlorophenol	95-57-8	U	50.0	5.00	ug/L	U	5
2-Methylnaphthalene	91-57-6	U	50.0	5.47	ug/L	U	5
2-Methylphenol	95-48-7	U	50.0	6.65	ug/L	U	5
2-Nitroaniline	88-74-4	U	100	5.00	ug/L	U	5
2-Nitrophenol	88-75-5	U	50.0	5.00	ug/L	U	5
3&4-Methylphenol		U	100	7.52	ug/L	U	5
3,3-Dichlorobenzidine	91-94-1	U	100	10.0	ug/L	U	5
3-Nitroaniline	99-09-2	U	100	10.3	ug/L	U	5
4,6-dinitro-2-methyl phenol	534-52-1	U	100	6.05	ug/L	U	5
4-Bromophenyl-phenylether	101-55-3	U	50.0	5.00	ug/L	U	5
4-chloro-3-methylphenol	59-50-7	U	50.0	5.42	ug/L	U	5
4-Chloroaniline	106-47-8	U	100	5.00	ug/L	U	5
4-Chlorophenyl Phenyl Ether	7005-72-3	U	50.0	5.00	ug/L	U	5
4-Nitroaniline	100-01-6	U	100	5.25	ug/L	U	5
4-Nitrophenol	100-02-7	U	100	5.00	ug/L	U	5
Acenaphthene	83-32-9	U	50.0	5.00	ug/L	U	5
Acenaphthylene	208-96-8	U	50.0	5.00	ug/L	U	5
Anthracene	120-12-7	U	50.0	5.00	ug/L	U	5
Benzo(a)anthracene	56-55-3	U	50.0	5.00	ug/L	U	5
Benzo(a)pyrene	50-32-8	U	50.0	5.00	ug/L	U	5
Benzo(b)fluoranthene	205-99-2	U	50.0	5.00	ug/L	U	5
Benzo(g,h,i)perylene	191-24-2	U	50.0	5.00	ug/L	U	5
Benzo(k)fluoranthene	207-08-9	U	50.0	5.00	ug/L	U	5
bis(2-chloroethoxy) methane	111-91-1	U	50.0	5.00	ug/L	U	5
bis(2-chloroethyl) ether	111-44-4	U	50.0	5.00	ug/L	U	5
bis(2-ethylhexyl) phthalate	117-81-7	U	50.0	5.00	ug/L	U	5
Butyl benzyl phthalate	85-68-7	U	50.0	5.00	ug/L	U	5

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-11**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-008**	Date Collected: **Nov-18-08 14:55**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 21:20 Analyst: KAN Date Prep: Nov-25-08 15:18 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	50.0	5.00	ug/L	U	5
Chrysene	218-01-9	U	50.0	5.00	ug/L	U	5
Dibenz(a,h)anthracene	53-70-3	U	50.0	5.00	ug/L	U	5
Dibenzofuran	132-64-9	U	50.0	5.00	ug/L	U	5
Diethyl Phthalate	84-66-2	U	50.0	5.00	ug/L	U	5
Dimethyl Phthalate	131-11-3	U	50.0	5.00	ug/L	U	5
di-n-Butyl Phthalate	84-74-2	U	50.0	13.2	ug/L	U	5
di-n-Octyl Phthalate	117-84-0	U	50.0	5.00	ug/L	U	5
Fluoranthene	206-44-0	U	50.0	5.00	ug/L	U	5
Fluorene	86-73-7	U	50.0	5.00	ug/L	U	5
Hexachlorobenzene	118-74-1	U	50.0	5.00	ug/L	U	5
Hexachlorobutadiene	87-68-3	U	50.0	5.00	ug/L	U	5
Hexachlorocyclopentadiene	77-47-4	U	50.0	5.00	ug/L	U	5
Hexachloroethane	67-72-1	U	50.0	5.00	ug/L	U	5
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	50.0	5.00	ug/L	U	5
Isophorone	78-59-1	U	50.0	6.73	ug/L	U	5
Naphthalene	91-20-3	U	50.0	5.00	ug/L	U	5
Nitrobenzene	98-95-3	U	50.0	5.00	ug/L	U	5
N-Nitrosodi-n-Propylamine	621-64-7	U	50.0	5.00	ug/L	U	5
N-Nitrosodiphenylamine	86-30-6	U	50.0	8.49	ug/L	U	5
Pentachlorophenol	87-86-5	U	100	5.00	ug/L	U	5
Phenanthrene	85-01-8	U	50.0	6.21	ug/L	U	5
Phenol	108-95-2	U	50.0	5.00	ug/L	U	5
Pyrene	129-00-0	U	50.0	5.00	ug/L	U	5

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-11**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-008**	Date Collected: **Nov-18-08 14:55**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 17:42 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124

Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	10.0	1.6	ug/L	U	10
1,1,2,2-Tetrachloroethane	79-34-5	U	10.0	1.8	ug/L	U	10
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	10.0	1.1	ug/L	U	10
1,1,2-Trichloroethane	79-00-5	U	10.0	2.5	ug/L	U	10
1,1-Dichloroethane	75-34-3	U	10.0	1.1	ug/L	U	10
1,1-Dichloroethene	75-35-4	U	10.0	2.0	ug/L	U	10
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.7	ug/L	U	10
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	10.0	1.9	ug/L	U	10
1,2-Dibromoethane (EDB)	106-93-4	U	10.0	1.8	ug/L	U	10
1,2-Dichlorobenzene	95-50-1	U	10.0	1.4	ug/L	U	10
1,2-Dichloroethane	107-06-2	U	10.0	1.8	ug/L	U	10
1,2-Dichloropropane	78-87-5	U	10.0	1.5	ug/L	U	10
1,3-Dichlorobenzene	541-73-1	U	10.0	1.7	ug/L	U	10
1,4-Dichlorobenzene	106-46-7	U	10.0	1.7	ug/L	U	10
2-Butanone (MEK)	78-93-3	U	20.0	2.8	ug/L	U	10
2-Hexanone	591-78-6	U	20.0	3.2	ug/L	U	10
4-Methyl-2-pentanone (MIBK)	108-10-1	U	20.0	2.6	ug/L	U	10
Acetone	67-64-1	U	20.0	3.5	ug/L	U	10
Benzene	71-43-2	U	10.0	1.6	ug/L	U	10
Bromodichloromethane	75-27-4	U	10.0	2.5	ug/L	U	10
Bromoform	75-25-2	U	10.0	1.7	ug/L	U	10
Bromomethane	74-83-9	U	10.0	2.5	ug/L	U	10
Carbon disulfide	75-15-0	U	10.0	2.6	ug/L	U	10
Carbon tetrachloride	56-23-5	U	10.0	3.3	ug/L	U	10
Chlorobenzene	108-90-7	U	10.0	1.5	ug/L	U	10
Chloroethane	75-00-3	U	10.0	2.6	ug/L	U	10
Chloroform	67-66-3	U	10.0	1.6	ug/L	U	10
Chloromethane	74-87-3	U	10.0	2.5	ug/L	U	10
cis-1,2-Dichloroethene	156-59-2	U	10.0	2.1	ug/L	U	10
cis-1,3-Dichloropropene	10061-01-5	U	10.0	1.0	ug/L	U	10
Cyclohexane	110-82-7	U	10.0	1.5	ug/L	U	10
Dibromochloromethane	124-48-1	U	10.0	1.5	ug/L	U	10
Dichlorodifluoromethane	75-71-8	U	10.0	2.2	ug/L	U	10
Ethylbenzene	100-41-4	U	10.0	1.9	ug/L	U	10
Isopropylbenzene	98-82-8	U	10.0	1.5	ug/L	U	10
m,p-Xylenes	179601-23-1	U	20.0	5.1	ug/L	U	10
Methyl acetate	79-20-9	U	20.0	2.6	ug/L	U	10
Methyl tert-butyl ether	1634-04-4	U	20.0	1.8	ug/L	U	10
Methylcyclohexane	108-87-2	U	10.0	1.1	ug/L	U	10

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **TO-11** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-008** Date Collected: **Nov-18-08 14:55** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 17:42 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	29	10.0	4.2	ug/L		10
o-Xylene	95-47-6	U	10.0	2.0	ug/L	U	10
Styrene	100-42-5	U	10.0	1.8	ug/L	U	10
Tetrachloroethene	127-18-4	U	10.0	1.6	ug/L	U	10
Toluene	108-88-3	U	10.0	1.4	ug/L	U	10
trans-1,2-Dichloroethene	156-60-5	U	10.0	2.1	ug/L	U	10
trans-1,3-Dichloropropene	10061-02-6	U	10.0	1.1	ug/L	U	10
Trichloroethene	79-01-6	U	10.0	1.9	ug/L	U	10
Trichlorofluoromethane	75-69-4	U	10.0	5.3	ug/L	U	10
Vinyl chloride	75-01-4	U	10.0	1.9	ug/L	U	10
Xylenes, Total	1330-20-7	U	30.0		ug/L	U	10

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 00:41 Analyst: ANI Date Prep: Dec-14-08 16:31 Tech: ANI
Seq Number: 743462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	5.0	1.0	mg/L	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Dec-02-08 18:11 Analyst: BRZ Date Prep: Nov-25-08 14:00 Tech: 5458
Seq Number: 742213

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	20	3.0	0.26	mg/L		10

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	6.20	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-1** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-009** Date Collected: **Nov-18-08 15:46** Date Received: **Nov-19-08 13:00**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 17:25 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 15:57 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 23:56 Analyst: 11 Date Prep: Nov-21-08 16:52 Tech: ABA
Seq Number: 741314

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	0.017	0.010	0.007	mg/L		1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-009**	Date Collected: **Nov-18-08 15:46**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 20:01 Analyst: KAN Date Prep: Nov-25-08 15:21 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	1000	100	ug/L	U	10
1,2-Dichlorobenzene	95-50-1	U	1000	100	ug/L	U	10
1,3-Dichlorobenzene	541-73-1	U	1000	100	ug/L	U	10
1,4-Dichlorobenzene	106-46-7	U	1000	100	ug/L	U	10
2,4,5-Trichlorophenol	95-95-4	U	1000	100	ug/L	U	10
2,4,6-Trichlorophenol	88-06-2	U	1000	100	ug/L	U	10
2,4-Dichlorophenol	120-83-2	U	1000	100	ug/L	U	10
2,4-Dimethylphenol	105-67-9	U	1000	107	ug/L	U	10
2,4-Dinitrophenol	51-28-5	U	2000	100	ug/L	U	10
2,4-Dinitrotoluene	121-14-2	U	1000	100	ug/L	U	10
2,6-Dinitrotoluene	606-20-2	U	1000	100	ug/L	U	10
2-Chloronaphthalene	91-58-7	U	1000	100	ug/L	U	10
2-Chlorophenol	95-57-8	U	1000	100	ug/L	U	10
2-Methylnaphthalene	91-57-6	U	1000	109	ug/L	U	10
2-Methylphenol	95-48-7	U	1000	133	ug/L	U	10
2-Nitroaniline	88-74-4	U	2000	100	ug/L	U	10
2-Nitrophenol	88-75-5	U	1000	100	ug/L	U	10
3&4-Methylphenol		U	2000	150	ug/L	U	10
3,3-Dichlorobenzidine	91-94-1	U	2000	200	ug/L	U	10
3-Nitroaniline	99-09-2	U	2000	207	ug/L	U	10
4,6-dinitro-2-methyl phenol	534-52-1	U	2000	121	ug/L	U	10
4-Bromophenyl-phenylether	101-55-3	U	1000	100	ug/L	U	10
4-chloro-3-methylphenol	59-50-7	U	1000	108	ug/L	U	10
4-Chloroaniline	106-47-8	U	2000	100	ug/L	U	10
4-Chlorophenyl Phenyl Ether	7005-72-3	U	1000	100	ug/L	U	10
4-Nitroaniline	100-01-6	U	2000	105	ug/L	U	10
4-Nitrophenol	100-02-7	U	2000	100	ug/L	U	10
Acenaphthene	83-32-9	U	1000	100	ug/L	U	10
Acenaphthylene	208-96-8	U	1000	100	ug/L	U	10
Anthracene	120-12-7	U	1000	100	ug/L	U	10
Benzo(a)anthracene	56-55-3	U	1000	100	ug/L	U	10
Benzo(a)pyrene	50-32-8	U	1000	100	ug/L	U	10
Benzo(b)fluoranthene	205-99-2	U	1000	100	ug/L	U	10
Benzo(g,h,i)perylene	191-24-2	U	1000	100	ug/L	U	10
Benzo(k)fluoranthene	207-08-9	U	1000	100	ug/L	U	10
bis(2-chloroethoxy) methane	111-91-1	U	1000	100	ug/L	U	10
bis(2-chloroethyl) ether	111-44-4	U	1000	100	ug/L	U	10
bis(2-ethylhexyl) phthalate	117-81-7	U	1000	100	ug/L	U	10
Butyl benzyl phthalate	85-68-7	U	1000	100	ug/L	U	10

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-009**	Date Collected: **Nov-18-08 15:46**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 20:01 Analyst: KAN Date Prep: Nov-25-08 15:21 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	1000	100	ug/L	U	10
Chrysene	218-01-9	U	1000	100	ug/L	U	10
Dibenz(a,h)anthracene	53-70-3	U	1000	100	ug/L	U	10
Dibenzofuran	132-64-9	U	1000	100	ug/L	U	10
Diethyl Phthalate	84-66-2	U	1000	100	ug/L	U	10
Dimethyl Phthalate	131-11-3	U	1000	100	ug/L	U	10
di-n-Butyl Phthalate	84-74-2	U	1000	264	ug/L	U	10
di-n-Octyl Phthalate	117-84-0	U	1000	100	ug/L	U	10
Fluoranthene	206-44-0	U	1000	100	ug/L	U	10
Fluorene	86-73-7	U	1000	100	ug/L	U	10
Hexachlorobenzene	118-74-1	U	1000	100	ug/L	U	10
Hexachlorobutadiene	87-68-3	U	1000	100	ug/L	U	10
Hexachlorocyclopentadiene	77-47-4	U	1000	100	ug/L	U	10
Hexachloroethane	67-72-1	U	1000	100	ug/L	U	10
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	1000	100	ug/L	U	10
Isophorone	78-59-1	U	1000	135	ug/L	U	10
Naphthalene	91-20-3	U	1000	100	ug/L	U	10
Nitrobenzene	98-95-3	U	1000	100	ug/L	U	10
N-Nitrosodi-n-Propylamine	621-64-7	U	1000	100	ug/L	U	10
N-Nitrosodiphenylamine	86-30-6	U	1000	170	ug/L	U	10
Pentachlorophenol	87-86-5	U	2000	100	ug/L	U	10
Phenanthrene	85-01-8	U	1000	124	ug/L	U	10
Phenol	108-95-2	U	1000	100	ug/L	U	10
Pyrene	129-00-0	U	1000	100	ug/L	U	10

Project: Xenco-Atlanta Master Project

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-009**	Date Collected: **Nov-18-08 15:46**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 17:11 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124

Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	20.0	3.2	ug/L	U	20
1,1,2,2-Tetrachloroethane	79-34-5	U	20.0	3.6	ug/L	U	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	20.0	2.2	ug/L	U	20
1,1,2-Trichloroethane	79-00-5	U	20.0	5.0	ug/L	U	20
1,1-Dichloroethane	75-34-3	U	20.0	2.2	ug/L	U	20
1,1-Dichloroethene	75-35-4	U	20.0	4.0	ug/L	U	20
1,2,4-Trichlorobenzene	120-82-1	U	20.0	3.4	ug/L	U	20
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	20.0	3.8	ug/L	U	20
1,2-Dibromoethane (EDB)	106-93-4	U	20.0	3.6	ug/L	U	20
1,2-Dichlorobenzene	95-50-1	U	20.0	2.8	ug/L	U	20
1,2-Dichloroethane	107-06-2	U	20.0	3.6	ug/L	U	20
1,2-Dichloropropane	78-87-5	U	20.0	3.0	ug/L	U	20
1,3-Dichlorobenzene	541-73-1	U	20.0	3.4	ug/L	U	20
1,4-Dichlorobenzene	106-46-7	U	20.0	3.4	ug/L	U	20
2-Butanone (MEK)	78-93-3	U	40.0	5.6	ug/L	U	20
2-Hexanone	591-78-6	U	40.0	6.4	ug/L	U	20
4-Methyl-2-pentanone (MIBK)	108-10-1	U	40.0	5.2	ug/L	U	20
Acetone	67-64-1	U	40.0	7.0	ug/L	U	20
Benzene	71-43-2	24	20.0	3.2	ug/L		20
Bromodichloromethane	75-27-4	U	20.0	5.0	ug/L	U	20
Bromoform	75-25-2	U	20.0	3.4	ug/L	U	20
Bromomethane	74-83-9	U	20.0	5.0	ug/L	U	20
Carbon disulfide	75-15-0	U	20.0	5.2	ug/L	U	20
Carbon tetrachloride	56-23-5	U	20.0	6.6	ug/L	U	20
Chlorobenzene	108-90-7	U	20.0	3.0	ug/L	U	20
Chloroethane	75-00-3	U	20.0	5.2	ug/L	U	20
Chloroform	67-66-3	U	20.0	3.2	ug/L	U	20
Chloromethane	74-87-3	U	20.0	5.0	ug/L	U	20
cis-1,2-Dichloroethene	156-59-2	U	20.0	4.2	ug/L	U	20
cis-1,3-Dichloropropene	10061-01-5	U	20.0	2.0	ug/L	U	20
Cyclohexane	110-82-7	U	20.0	3.0	ug/L	U	20
Dibromochloromethane	124-48-1	U	20.0	3.0	ug/L	U	20
Dichlorodifluoromethane	75-71-8	U	20.0	4.4	ug/L	U	20
Ethylbenzene	100-41-4	U	20.0	3.8	ug/L	U	20
Isopropylbenzene	98-82-8	U	20.0	3.0	ug/L	U	20
m,p-Xylenes	179601-23-1	U	40.0	10	ug/L	U	20
Methyl acetate	79-20-9	U	40.0	5.2	ug/L	U	20
Methyl tert-butyl ether	1634-04-4	U	40.0	3.6	ug/L	U	20
Methylcyclohexane	108-87-2	U	20.0	2.2	ug/L	U	20

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-1**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-009**	Date Collected: **Nov-18-08 15:46**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 17:11 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	58	20.0	8.4	ug/L		20
o-Xylene	95-47-6	U	20.0	4.0	ug/L	U	20
Styrene	100-42-5	U	20.0	3.6	ug/L	U	20
Tetrachloroethene	127-18-4	U	20.0	3.2	ug/L	U	20
Toluene	108-88-3	U	20.0	2.8	ug/L	U	20
trans-1,2-Dichloroethene	156-60-5	U	20.0	4.2	ug/L	U	20
trans-1,3-Dichloropropene	10061-02-6	U	20.0	2.2	ug/L	U	20
Trichloroethene	79-01-6	U	20.0	3.8	ug/L	U	20
Trichlorofluoromethane	75-69-4	U	20.0	11	ug/L	U	20
Vinyl chloride	75-01-4	U	20.0	3.8	ug/L	U	20
Xylenes, Total	1330-20-7	U	60.0		ug/L	U	20

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-15-08 01:12 Analyst: ANI Date Prep: Dec-14-08 16:31 Tech: ANI
Seq Number: 743462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	5.0	1.0	mg/L	U	50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Dec-02-08 18:36 Analyst: BRZ Date Prep: Nov-25-08 14:00 Tech: 5458
Seq Number: 742213

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	170	30	2.6	mg/L		10

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	7.80	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-1(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-010**	Date Collected: **Nov-18-08 16:05**	Date Received: **Nov-19-08 13:00**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 13:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744717

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 14:47 Analyst: 4150 Date Prep: Nov-22-08 13:22 Tech: ABA
Seq Number: 741303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-05-08 19:10 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	95	11	ug/kg	U	1
PCB-1221	11104-28-2	U	95	9.9	ug/kg	U	1
PCB-1232	11141-16-5	U	95	9.6	ug/kg	U	1
PCB-1242	53469-21-9	U	95	11	ug/kg	U	1
PCB-1248	12672-29-6	U	95	10	ug/kg	U	1
PCB-1254	11097-69-1	U	95	11	ug/kg	U	1
PCB-1260	11096-82-5	U	95	12	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 21:36 Analyst: 11 Date Prep: Nov-22-08 13:19 Tech: ABA
Seq Number: 741315

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.55	0.561	mg/kg	U	1
Barium	7440-39-3	37.4	4.55	0.139	mg/kg		1
Cadmium	7440-43-9	0.573	0.455	0.019	mg/kg		1
Chromium	7440-47-3	11.8	4.55	0.087	mg/kg		1
Lead	7439-92-1	U	4.55	0.273	mg/kg	U	1
Selenium	7782-49-2	U	4.55	0.869	mg/kg	U	1
Silver	7440-22-4	U	4.55	0.043	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-1(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-010**	Date Collected: **Nov-18-08 16:05**	Date Received: **Nov-19-08 13:00**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 741292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.20	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-1(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318164-010** Date Collected: **Nov-18-08 16:05** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-15-08 17:00 Analyst: KAN Date Prep: Dec-08-08 14:33 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	82.6	8.26	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	82.6	8.26	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	82.6	8.26	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	82.6	9.31	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	82.6	8.26	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	82.6	9.12	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	82.6	8.26	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	82.6	8.26	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	165	8.26	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	82.6	10.8	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	82.6	8.26	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	82.6	8.26	mg/kg	U	1
2-Chlorophenol	95-57-8	U	82.6	8.26	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	82.6	8.68	mg/kg	U	1
2-methylphenol	95-48-7	U	82.6	10.3	mg/kg	U	1
2-Nitroaniline	88-74-4	U	165	8.63	mg/kg	U	1
2-Nitrophenol	88-75-5	U	82.6	8.26	mg/kg	U	1
3&4-Methylphenol		U	165	16.7	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	165	15.8	mg/kg	U	1
3-Nitroaniline	99-09-2	U	165	17.6	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	165	9.36	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	82.6	11.2	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	82.6	10.1	mg/kg	U	1
4-Chloroaniline	106-47-8	U	165	8.26	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	82.6	8.26	mg/kg	U	1
4-Nitroaniline	100-01-6	U	165	13.9	mg/kg	U	1
4-Nitrophenol	100-02-7	U	165	14.3	mg/kg	U	1
Acenaphthene	83-32-9	U	82.6	8.26	mg/kg	U	1
Acenaphthylene	208-96-8	U	82.6	8.26	mg/kg	U	1
Anthracene	120-12-7	U	82.6	11.1	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	82.6	8.26	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	82.6	8.26	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	82.6	8.26	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	82.6	8.26	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	82.6	8.42	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	82.6	8.26	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	82.6	8.26	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	82.6	8.26	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	82.6	9.48	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-1(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-010**	Date Collected: **Nov-18-08 16:05**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-15-08 17:00 Analyst: KAN Date Prep: Dec-08-08 14:33 Tech: KAN

Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	82.6	10.2	mg/kg	U	1
Chrysene	218-01-9	U	82.6	8.26	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	82.6	10.0	mg/kg	U	1
Dibenzofuran	132-64-9	U	82.6	9.16	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	82.6	8.26	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	82.6	9.40	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	82.6	8.26	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	82.6	8.26	mg/kg	U	1
Fluoranthene	206-44-0	U	82.6	9.11	mg/kg	U	1
Fluorene	86-73-7	U	82.6	8.26	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	82.6	8.35	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	82.6	8.26	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	82.6	8.26	mg/kg	U	1
Hexachloroethane	67-72-1	U	82.6	8.84	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	82.6	12.1	mg/kg	U	1
Isophorone	78-59-1	U	82.6	13.4	mg/kg	U	1
Naphthalene	91-20-3	U	82.6	8.84	mg/kg	U	1
Nitrobenzene	98-95-3	U	82.6	8.26	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	82.6	8.26	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	82.6	9.96	mg/kg	U	1
Pentachlorophenol	87-86-5	U	165	11.8	mg/kg	U	1
Phenanthrene	85-01-8	U	82.6	8.26	mg/kg	U	1
Phenol	108-95-2	U	82.6	8.26	mg/kg	U	1
Pyrene	129-00-0	U	82.6	9.42	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 22:29 Analyst: ANI Date Prep: Dec-17-08 16:52 Tech: ANI

Seq Number: 743961

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	13	9.8	1.5	mg/kg		50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-24-08 00:05 Analyst: 4153 Date Prep: Dec-08-08 10:00 Tech: 4155

Seq Number: 744909

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	17000	3000	340	mg/kg		1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-1(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318164-010** Date Collected: **Nov-18-08 16:05** Date Received: **Nov-19-08 13:00**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 13:02 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	37	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	58	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	55	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	33	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	39	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	57	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	43	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	80	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	42	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	63	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	29	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	49	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	450	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	55	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	2800	2500	340	ug/kg		50
Benzene	71-43-2	3700	250	25	ug/kg		50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	47	ug/kg	U	50
Bromomethane	74-83-9	310	250	120	ug/kg		50
Carbon disulfide	75-15-0	U	250	71	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	36	ug/kg	U	50
Chlorobenzene	108-90-7	U	490	28	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	36	ug/kg	U	50
Chloromethane	74-87-3	U	250	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	26	ug/kg	U	50
Cyclohexane	110-82-7	U	250	46	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	49	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	58	ug/kg	U	50
Ethylbenzene	100-41-4	U	250	28	ug/kg	U	50
Isopropylbenzene	98-82-8	U	250	37	ug/kg	U	50
m,p-Xylenes	179601-23-1	740	490	59	ug/kg		50
Methyl acetate	79-20-9	330	250	46	ug/kg		50
Methyl tert-butyl ether	1634-04-4	U	250	34	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	54	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-1(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-010**	Date Collected: **Nov-18-08 16:05**	Date Received: **Nov-19-08 13:00**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 13:02 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
o-Xylene	95-47-6	330	250	35	ug/kg		50
Styrene	100-42-5	U	250	36	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	51	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	38	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	33	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	170	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	99	ug/kg	U	50
Xylenes, Total	1330-20-7	1070	250		ug/kg		50

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-011**	Date Collected: **Nov-18-08 16:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 13:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744717

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 14:51 Analyst: 4150 Date Prep: Nov-22-08 13:22 Tech: ABA
Seq Number: 741303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0490	0.0029	mg/kg	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-05-08 19:33 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	83	9.2	ug/kg	U	1
PCB-1221	11104-28-2	U	83	8.6	ug/kg	U	1
PCB-1232	11141-16-5	U	83	8.3	ug/kg	U	1
PCB-1242	53469-21-9	U	83	9.1	ug/kg	U	1
PCB-1248	12672-29-6	U	83	8.7	ug/kg	U	1
PCB-1254	11097-69-1	U	83	9.4	ug/kg	U	1
PCB-1260	11096-82-5	U	83	10	ug/kg	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 21:38 Analyst: 11 Date Prep: Nov-22-08 13:19 Tech: ABA
Seq Number: 741315

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	4.90	0.605	mg/kg	U	1
Barium	7440-39-3	11.8	4.90	0.150	mg/kg		1
Cadmium	7440-43-9	U	0.490	0.021	mg/kg	U	1
Chromium	7440-47-3	U	4.90	0.094	mg/kg	U	1
Lead	7439-92-1	U	4.90	0.294	mg/kg	U	1
Selenium	7782-49-2	U	4.90	0.937	mg/kg	U	1
Silver	7440-22-4	U	4.90	0.046	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-011**	Date Collected: **Nov-18-08 16:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: Soil pH by EPA 9045C Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099

Seq Number: 741292

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.30	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-011**	Date Collected: **Nov-18-08 16:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-15-08 17:45 Analyst: KAN Date Prep: Dec-08-08 14:36 Tech: KAN

Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	93.5	9.35	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	93.5	9.35	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	93.5	9.35	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	93.5	10.5	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	93.5	9.35	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	93.5	10.3	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	93.5	9.35	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	93.5	9.35	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	187	9.35	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	93.5	12.2	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	93.5	9.35	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	93.5	9.35	mg/kg	U	1
2-Chlorophenol	95-57-8	U	93.5	9.35	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	93.5	9.81	mg/kg	U	1
2-methylphenol	95-48-7	U	93.5	11.6	mg/kg	U	1
2-Nitroaniline	88-74-4	U	187	9.76	mg/kg	U	1
2-Nitrophenol	88-75-5	U	93.5	9.35	mg/kg	U	1
3&4-Methylphenol		U	187	18.9	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	187	17.9	mg/kg	U	1
3-Nitroaniline	99-09-2	U	187	19.9	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	187	10.6	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	93.5	12.7	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	93.5	11.4	mg/kg	U	1
4-Chloroaniline	106-47-8	U	187	9.35	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	93.5	9.35	mg/kg	U	1
4-Nitroaniline	100-01-6	U	187	15.7	mg/kg	U	1
4-Nitrophenol	100-02-7	U	187	16.2	mg/kg	U	1
Acenaphthene	83-32-9	U	93.5	9.35	mg/kg	U	1
Acenaphthylene	208-96-8	U	93.5	9.35	mg/kg	U	1
Anthracene	120-12-7	U	93.5	12.5	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	93.5	9.35	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	93.5	9.35	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	93.5	9.35	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	93.5	9.35	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	93.5	9.52	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	93.5	9.35	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	93.5	9.35	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	93.5	9.35	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	93.5	10.7	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-011**	Date Collected: **Nov-18-08 16:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-15-08 17:45 Analyst: KAN Date Prep: Dec-08-08 14:36 Tech: KAN

Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	93.5	11.5	mg/kg	U	1
Chrysene	218-01-9	U	93.5	9.35	mg/kg	U	1
Dibenz(a,h)Anthracene	53-70-3	U	93.5	11.3	mg/kg	U	1
Dibenzofuran	132-64-9	U	93.5	10.4	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	93.5	9.35	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	93.5	10.6	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	93.5	9.35	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	93.5	9.35	mg/kg	U	1
Fluoranthene	206-44-0	U	93.5	10.3	mg/kg	U	1
Fluorene	86-73-7	U	93.5	9.35	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	93.5	9.44	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	93.5	9.35	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	93.5	9.35	mg/kg	U	1
Hexachloroethane	67-72-1	U	93.5	10.0	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	93.5	13.7	mg/kg	U	1
Isophorone	78-59-1	U	93.5	15.1	mg/kg	U	1
Naphthalene	91-20-3	U	93.5	10.0	mg/kg	U	1
Nitrobenzene	98-95-3	U	93.5	9.35	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	93.5	9.35	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	93.5	11.3	mg/kg	U	1
Pentachlorophenol	87-86-5	U	187	13.3	mg/kg	U	1
Phenanthrene	85-01-8	U	93.5	9.35	mg/kg	U	1
Phenol	108-95-2	U	93.5	9.35	mg/kg	U	1
Pyrene	129-00-0	U	93.5	10.7	mg/kg	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 20:26 Analyst: ANI Date Prep: Dec-17-08 16:52 Tech: ANI

Seq Number: 743961

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	9.3	9.3	1.4	mg/kg		50

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-24-08 00:39 Analyst: BRZ Date Prep: Dec-08-08 10:00 Tech: 4155

Seq Number: 744909

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	U	2100	230	mg/kg	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-2(S)** Matrix: **SOLID** % Moisture:
Lab Sample Id: **318164-011** Date Collected: **Nov-18-08 16:25** Date Received: **Nov-19-08 13:00**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 13:59 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	230	35	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	230	55	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	230	52	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	230	31	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	230	37	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	230	54	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	230	41	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	230	76	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	230	40	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	230	60	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	230	28	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	230	43	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	230	47	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	230	32	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2300	430	ug/kg	U	50
2-Hexanone	591-78-6	U	2300	53	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2300	150	ug/kg	U	50
Acetone	67-64-1	15000	2300	320	ug/kg		50
Benzene	71-43-2	U	230	24	ug/kg	U	50
Bromodichloromethane	75-27-4	U	230	23	ug/kg	U	50
Bromoform	75-25-2	U	230	45	ug/kg	U	50
Bromomethane	74-83-9	250	230	110	ug/kg		50
Carbon disulfide	75-15-0	U	230	68	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	230	35	ug/kg	U	50
Chlorobenzene	108-90-7	U	470	27	ug/kg	U	50
Chloroethane	75-00-3	U	230	110	ug/kg	U	50
Chloroform	67-66-3	U	230	35	ug/kg	U	50
Chloromethane	74-87-3	U	230	110	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	230	31	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	230	25	ug/kg	U	50
Cyclohexane	110-82-7	U	230	44	ug/kg	U	50
Dibromochloromethane	124-48-1	U	230	46	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	230	55	ug/kg	U	50
Ethylbenzene	100-41-4	U	230	26	ug/kg	U	50
Isopropylbenzene	98-82-8	U	230	35	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	470	56	ug/kg	U	50
Methyl acetate	79-20-9	U	230	44	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	230	32	ug/kg	U	50
Methylcyclohexane	108-87-2	U	230	51	ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **ST-2(S)**	Matrix: **SOLID**	% Moisture:
Lab Sample Id: **318164-011**	Date Collected: **Nov-18-08 16:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 13:59 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124

Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	230	100	ug/kg	U	50
o-Xylene	95-47-6	U	230	33	ug/kg	U	50
Styrene	100-42-5	U	230	35	ug/kg	U	50
Tetrachloroethene	127-18-4	U	230	48	ug/kg	U	50
Toluene	108-88-3	U	230	27	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	230	36	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	230	31	ug/kg	U	50
Trichloroethene	79-01-6	U	230	33	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	230	160	ug/kg	U	50
Vinyl chloride	75-01-4	U	230	94	ug/kg	U	50
Xylenes, Total	1330-20-7	U	230		ug/kg	U	50

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-9** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-012** Date Collected: **Nov-18-08 16:45** Date Received: **Nov-19-08 13:00**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 17:29 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 16:21 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 23:58 Analyst: 11 Date Prep: Nov-21-08 16:52 Tech: ABA
Seq Number: 741314

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-9**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-012**	Date Collected: **Nov-18-08 16:45**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 18:43 Analyst: KAN Date Prep: Nov-25-08 15:24 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.00	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.00	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	1.00	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.00	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	1.00	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.00	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.00	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.07	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	1.00	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	1.00	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	1.00	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.00	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.00	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.09	ug/L	U	1
2-Methylphenol	95-48-7	U	10.0	1.33	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	1.00	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.00	ug/L	U	1
3&4-Methylphenol		U	20.0	1.50	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	2.00	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.07	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.21	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	1.00	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	1.08	ug/L	U	1
4-Chloroaniline	106-47-8	U	20.0	1.00	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.00	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	1.05	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	1.00	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.00	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.00	ug/L	U	1
Anthracene	120-12-7	U	10.0	1.00	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.00	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.00	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.00	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.00	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	1.00	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.00	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.00	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.00	ug/L	U	1
Butyl benzyl phthalate	85-68-7	U	10.0	1.00	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-9**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-012**	Date Collected: **Nov-18-08 16:45**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 18:43 Analyst: KAN Date Prep: Nov-25-08 15:24 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	10.0	1.00	ug/L	U	1
Chrysene	218-01-9	U	10.0	1.00	ug/L	U	1
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.00	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.00	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.00	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.00	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.64	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.00	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.00	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.00	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	1.00	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.00	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.00	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	1.00	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.00	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.35	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.00	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.00	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.00	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	1.70	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	1.00	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	1.24	ug/L	U	1
Phenol	108-95-2	U	10.0	1.00	ug/L	U	1
Pyrene	129-00-0	U	10.0	1.00	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-9** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-012** Date Collected: **Nov-18-08 16:45** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-20-08 01:40 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-9** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-012** Date Collected: **Nov-18-08 16:45** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-20-08 01:40 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 22:20 Analyst: ANI Date Prep: Dec-12-08 18:15 Tech: ANI
Seq Number: 743425

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Dec-02-08 00:19 Analyst: BRZ Date Prep: Nov-25-08 14:00 Tech: 5458
Seq Number: 742213

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	1.6	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	8.00	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-12** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-013** Date Collected: **Nov-18-08 17:00** Date Received: **Nov-19-08 13:00**

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 17:32 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 16:45 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-25-08 00:00 Analyst: 11 Date Prep: Nov-21-08 16:52 Tech: ABA
Seq Number: 741314

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-12**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-013**	Date Collected: **Nov-18-08 17:00**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 22:00 Analyst: KAN Date Prep: Nov-25-08 15:27 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	50.0	5.00	ug/L	U	5
1,2-Dichlorobenzene	95-50-1	U	50.0	5.00	ug/L	U	5
1,3-Dichlorobenzene	541-73-1	U	50.0	5.00	ug/L	U	5
1,4-Dichlorobenzene	106-46-7	U	50.0	5.00	ug/L	U	5
2,4,5-Trichlorophenol	95-95-4	U	50.0	5.00	ug/L	U	5
2,4,6-Trichlorophenol	88-06-2	U	50.0	5.00	ug/L	U	5
2,4-Dichlorophenol	120-83-2	U	50.0	5.00	ug/L	U	5
2,4-Dimethylphenol	105-67-9	U	50.0	5.36	ug/L	U	5
2,4-Dinitrophenol	51-28-5	U	100	5.00	ug/L	U	5
2,4-Dinitrotoluene	121-14-2	U	50.0	5.00	ug/L	U	5
2,6-Dinitrotoluene	606-20-2	U	50.0	5.00	ug/L	U	5
2-Chloronaphthalene	91-58-7	U	50.0	5.00	ug/L	U	5
2-Chlorophenol	95-57-8	U	50.0	5.00	ug/L	U	5
2-Methylnaphthalene	91-57-6	U	50.0	5.47	ug/L	U	5
2-Methylphenol	95-48-7	U	50.0	6.65	ug/L	U	5
2-Nitroaniline	88-74-4	U	100	5.00	ug/L	U	5
2-Nitrophenol	88-75-5	U	50.0	5.00	ug/L	U	5
3&4-Methylphenol		U	100	7.52	ug/L	U	5
3,3-Dichlorobenzidine	91-94-1	U	100	10.0	ug/L	U	5
3-Nitroaniline	99-09-2	U	100	10.3	ug/L	U	5
4,6-dinitro-2-methyl phenol	534-52-1	U	100	6.05	ug/L	U	5
4-Bromophenyl-phenylether	101-55-3	U	50.0	5.00	ug/L	U	5
4-chloro-3-methylphenol	59-50-7	U	50.0	5.42	ug/L	U	5
4-Chloroaniline	106-47-8	U	100	5.00	ug/L	U	5
4-Chlorophenyl Phenyl Ether	7005-72-3	U	50.0	5.00	ug/L	U	5
4-Nitroaniline	100-01-6	U	100	5.25	ug/L	U	5
4-Nitrophenol	100-02-7	U	100	5.00	ug/L	U	5
Acenaphthene	83-32-9	U	50.0	5.00	ug/L	U	5
Acenaphthylene	208-96-8	U	50.0	5.00	ug/L	U	5
Anthracene	120-12-7	U	50.0	5.00	ug/L	U	5
Benzo(a)anthracene	56-55-3	U	50.0	5.00	ug/L	U	5
Benzo(a)pyrene	50-32-8	U	50.0	5.00	ug/L	U	5
Benzo(b)fluoranthene	205-99-2	U	50.0	5.00	ug/L	U	5
Benzo(g,h,i)perylene	191-24-2	U	50.0	5.00	ug/L	U	5
Benzo(k)fluoranthene	207-08-9	U	50.0	5.00	ug/L	U	5
bis(2-chloroethoxy) methane	111-91-1	U	50.0	5.00	ug/L	U	5
bis(2-chloroethyl) ether	111-44-4	U	50.0	5.00	ug/L	U	5
bis(2-ethylhexyl) phthalate	117-81-7	U	50.0	5.00	ug/L	U	5
Butyl benzyl phthalate	85-68-7	U	50.0	5.00	ug/L	U	5

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-12**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-013**	Date Collected: **Nov-18-08 17:00**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 22:00 Analyst: KAN Date Prep: Nov-25-08 15:27 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	50.0	5.00	ug/L	U	5
Chrysene	218-01-9	U	50.0	5.00	ug/L	U	5
Dibenz(a,h)anthracene	53-70-3	U	50.0	5.00	ug/L	U	5
Dibenzofuran	132-64-9	U	50.0	5.00	ug/L	U	5
Diethyl Phthalate	84-66-2	U	50.0	5.00	ug/L	U	5
Dimethyl Phthalate	131-11-3	U	50.0	5.00	ug/L	U	5
di-n-Butyl Phthalate	84-74-2	U	50.0	13.2	ug/L	U	5
di-n-Octyl Phthalate	117-84-0	U	50.0	5.00	ug/L	U	5
Fluoranthene	206-44-0	U	50.0	5.00	ug/L	U	5
Fluorene	86-73-7	U	50.0	5.00	ug/L	U	5
Hexachlorobenzene	118-74-1	U	50.0	5.00	ug/L	U	5
Hexachlorobutadiene	87-68-3	U	50.0	5.00	ug/L	U	5
Hexachlorocyclopentadiene	77-47-4	U	50.0	5.00	ug/L	U	5
Hexachloroethane	67-72-1	U	50.0	5.00	ug/L	U	5
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	50.0	5.00	ug/L	U	5
Isophorone	78-59-1	U	50.0	6.73	ug/L	U	5
Naphthalene	91-20-3	U	50.0	5.00	ug/L	U	5
Nitrobenzene	98-95-3	U	50.0	5.00	ug/L	U	5
N-Nitrosodi-n-Propylamine	621-64-7	U	50.0	5.00	ug/L	U	5
N-Nitrosodiphenylamine	86-30-6	U	50.0	8.49	ug/L	U	5
Pentachlorophenol	87-86-5	U	100	5.00	ug/L	U	5
Phenanthrene	85-01-8	U	50.0	6.21	ug/L	U	5
Phenol	108-95-2	U	50.0	5.00	ug/L	U	5
Pyrene	129-00-0	U	50.0	5.00	ug/L	U	5

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-12** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-013** Date Collected: **Nov-18-08 17:00** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-20-08 02:09 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-12** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-013** Date Collected: **Nov-18-08 17:00** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-20-08 02:09 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 22:51 Analyst: ANI Date Prep: Dec-12-08 18:15 Tech: ANI
Seq Number: 743425

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Dec-02-08 00:44 Analyst: BRZ Date Prep: Nov-25-08 14:00 Tech: 5458
Seq Number: 742213

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	2.6	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	5.60	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.058

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Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-8** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-014** Date Collected: **Nov-18-08 17:25** Date Received: **Nov-19-08 13:00**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-25-08 15:47 Analyst: 4150 Date Prep: Nov-24-08 13:15 Tech: ABA
Seq Number: 741496

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 17:08 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	1.0	0.18	ug/L	U	1
PCB-1221	11104-28-2	U	1.0	0.20	ug/L	U	1
PCB-1232	11141-16-5	U	1.0	0.15	ug/L	U	1
PCB-1242	53469-21-9	U	1.0	0.11	ug/L	U	1
PCB-1248	12672-29-6	U	1.0	0.21	ug/L	U	1
PCB-1254	11097-69-1	U	1.0	0.17	ug/L	U	1
PCB-1260	11096-82-5	U	1.0	0.17	ug/L	U	1

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-25-08 00:01 Analyst: 11 Date Prep: Nov-21-08 16:52 Tech: ABA
Seq Number: 741314

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-8**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-014**	Date Collected: **Nov-18-08 17:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 19:22 Analyst: KAN Date Prep: Nov-25-08 15:30 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	200	20.0	ug/L	U	20
1,2-Dichlorobenzene	95-50-1	U	200	20.0	ug/L	U	20
1,3-Dichlorobenzene	541-73-1	U	200	20.0	ug/L	U	20
1,4-Dichlorobenzene	106-46-7	U	200	20.0	ug/L	U	20
2,4,5-Trichlorophenol	95-95-4	U	200	20.0	ug/L	U	20
2,4,6-Trichlorophenol	88-06-2	U	200	20.0	ug/L	U	20
2,4-Dichlorophenol	120-83-2	U	200	20.0	ug/L	U	20
2,4-Dimethylphenol	105-67-9	U	200	21.4	ug/L	U	20
2,4-Dinitrophenol	51-28-5	U	400	20.0	ug/L	U	20
2,4-Dinitrotoluene	121-14-2	U	200	20.0	ug/L	U	20
2,6-Dinitrotoluene	606-20-2	U	200	20.0	ug/L	U	20
2-Chloronaphthalene	91-58-7	U	200	20.0	ug/L	U	20
2-Chlorophenol	95-57-8	U	200	20.0	ug/L	U	20
2-Methylnaphthalene	91-57-6	U	200	21.9	ug/L	U	20
2-Methylphenol	95-48-7	U	200	26.6	ug/L	U	20
2-Nitroaniline	88-74-4	U	400	20.0	ug/L	U	20
2-Nitrophenol	88-75-5	U	200	20.0	ug/L	U	20
3&4-Methylphenol		U	400	30.1	ug/L	U	20
3,3-Dichlorobenzidine	91-94-1	U	400	40.1	ug/L	U	20
3-Nitroaniline	99-09-2	U	400	41.3	ug/L	U	20
4,6-dinitro-2-methyl phenol	534-52-1	U	400	24.2	ug/L	U	20
4-Bromophenyl-phenylether	101-55-3	U	200	20.0	ug/L	U	20
4-chloro-3-methylphenol	59-50-7	U	200	21.7	ug/L	U	20
4-Chloroaniline	106-47-8	U	400	20.0	ug/L	U	20
4-Chlorophenyl Phenyl Ether	7005-72-3	U	200	20.0	ug/L	U	20
4-Nitroaniline	100-01-6	U	400	21.0	ug/L	U	20
4-Nitrophenol	100-02-7	U	400	20.0	ug/L	U	20
Acenaphthene	83-32-9	U	200	20.0	ug/L	U	20
Acenaphthylene	208-96-8	U	200	20.0	ug/L	U	20
Anthracene	120-12-7	U	200	20.0	ug/L	U	20
Benzo(a)anthracene	56-55-3	U	200	20.0	ug/L	U	20
Benzo(a)pyrene	50-32-8	U	200	20.0	ug/L	U	20
Benzo(b)fluoranthene	205-99-2	U	200	20.0	ug/L	U	20
Benzo(g,h,i)perylene	191-24-2	U	200	20.0	ug/L	U	20
Benzo(k)fluoranthene	207-08-9	U	200	20.0	ug/L	U	20
bis(2-chloroethoxy) methane	111-91-1	U	200	20.0	ug/L	U	20
bis(2-chloroethyl) ether	111-44-4	U	200	20.0	ug/L	U	20
bis(2-ethylhexyl) phthalate	117-81-7	U	200	20.0	ug/L	U	20
Butyl benzyl phthalate	85-68-7	U	200	20.0	ug/L	U	20

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-8**	Matrix: **LIQUID**	% Moisture:
Lab Sample Id: **318164-014**	Date Collected: **Nov-18-08 17:25**	Date Received: **Nov-19-08 13:00**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 19:22 Analyst: KAN Date Prep: Nov-25-08 15:30 Tech: 5458

Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Carbazole	86-74-8	U	200	20.0	ug/L	U	20
Chrysene	218-01-9	U	200	20.0	ug/L	U	20
Dibenz(a,h)anthracene	53-70-3	U	200	20.0	ug/L	U	20
Dibenzofuran	132-64-9	U	200	20.0	ug/L	U	20
Diethyl Phthalate	84-66-2	U	200	20.0	ug/L	U	20
Dimethyl Phthalate	131-11-3	U	200	20.0	ug/L	U	20
di-n-Butyl Phthalate	84-74-2	U	200	52.8	ug/L	U	20
di-n-Octyl Phthalate	117-84-0	U	200	20.0	ug/L	U	20
Fluoranthene	206-44-0	U	200	20.0	ug/L	U	20
Fluorene	86-73-7	U	200	20.0	ug/L	U	20
Hexachlorobenzene	118-74-1	U	200	20.0	ug/L	U	20
Hexachlorobutadiene	87-68-3	U	200	20.0	ug/L	U	20
Hexachlorocyclopentadiene	77-47-4	U	200	20.0	ug/L	U	20
Hexachloroethane	67-72-1	U	200	20.0	ug/L	U	20
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	200	20.0	ug/L	U	20
Isophorone	78-59-1	U	200	26.9	ug/L	U	20
Naphthalene	91-20-3	U	200	20.0	ug/L	U	20
Nitrobenzene	98-95-3	U	200	20.0	ug/L	U	20
N-Nitrosodi-n-Propylamine	621-64-7	U	200	20.0	ug/L	U	20
N-Nitrosodiphenylamine	86-30-6	U	200	33.9	ug/L	U	20
Pentachlorophenol	87-86-5	U	400	20.0	ug/L	U	20
Phenanthrene	85-01-8	U	200	24.8	ug/L	U	20
Phenol	108-95-2	U	200	20.0	ug/L	U	20
Pyrene	129-00-0	U	200	20.0	ug/L	U	20

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-8** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-014** Date Collected: **Nov-18-08 17:25** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-20-08 02:37 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.00	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.00	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.00	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.00	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.00	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.00	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.00	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.00	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.00	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.00	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.00	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.00	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.00	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.00	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.00	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.00	0.26	ug/L	U	1
Acetone	67-64-1	U	2.00	0.35	ug/L	U	1
Benzene	71-43-2	U	1.00	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.00	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.00	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.00	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.00	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.00	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.00	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.00	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.00	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.00	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.00	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.00	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.00	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.00	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.00	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.00	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.00	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.00	0.11	ug/L	U	1

Project: Xenco-Atlanta Master Project

Version: 1.058

Certificate of Analytical Results 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **T-8** Matrix: **LIQUID** % Moisture:
Lab Sample Id: **318164-014** Date Collected: **Nov-18-08 17:25** Date Received: **Nov-19-08 13:00**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-20-08 02:37 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Methylene chloride	75-09-2	U	1.00	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.00	0.20	ug/L	U	1
Styrene	100-42-5	U	1.00	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.00	0.16	ug/L	U	1
Toluene	108-88-3	U	1.00	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.00	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.00	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.00	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.00	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.00	0.19	ug/L	U	1
Xylenes, Total	1330-20-7	U	3.00		ug/L	U	1

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 23:21 Analyst: ANI Date Prep: Dec-12-08 18:15 Tech: ANI
Seq Number: 743425

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Dec-02-08 01:09 Analyst: BRZ Date Prep: Nov-25-08 14:00 Tech: 5458
Seq Number: 742213

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	4.4	0.30	0.026	mg/L		1

Analytical Method: pH by EPA 9040 Prep Method:

Date Analyzed: Nov-21-08 18:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741293

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
pH	PH	5.30	N/A	N/A	SU		1

Project: Xenco-Atlanta Master Project

Version: 1.058

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL and above the SQL.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

***** Outside XENCO's scope of NELAC Accreditation.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 741684 **Sample:** 318164-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	2.23	2.50	89	12-155	
Tetrachloro-m-xylene	2.66	2.50	106	22-146	

Lab Batch #: 741684 **Sample:** 318164-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	2.25	2.50	90	12-155	
Tetrachloro-m-xylene	2.32	2.50	93	22-146	

Lab Batch #: 741684 **Sample:** 318164-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	1.72	2.50	69	12-155	
Tetrachloro-m-xylene	1.39	2.50	56	22-146	

Lab Batch #: 741684 **Sample:** 318164-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.866	2.50	35	12-155	
Tetrachloro-m-xylene	0.816	2.50	33	22-146	

Lab Batch #: 741684 **Sample:** 318164-007 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.123	0.500	25	12-155	
Tetrachloro-m-xylene	0.370	0.500	74	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 741684 **Sample:** 318164-007 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.185	0.500	37	12-155	
Tetrachloro-m-xylene	0.345	0.500	69	22-146	

Lab Batch #: 741684 **Sample:** 318164-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.100	0.500	20	12-155	
Tetrachloro-m-xylene	0.189	0.500	38	22-146	

Lab Batch #: 741684 **Sample:** 318164-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.176	0.500	35	12-155	
Tetrachloro-m-xylene	0.200	0.500	40	22-146	

Lab Batch #: 741684 **Sample:** 318164-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.033	0.500	7	12-155	**
Tetrachloro-m-xylene	0.223	0.500	45	22-146	

Lab Batch #: 741684 **Sample:** 318164-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.088	0.500	18	12-155	
Tetrachloro-m-xylene	0.211	0.500	42	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 741684 **Sample:** 318164-012 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.200	0.500	40	12-155	
Tetrachloro-m-xylene	0.277	0.500	55	22-146	

Lab Batch #: 741684 **Sample:** 318164-012 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.243	0.500	49	12-155	
Tetrachloro-m-xylene	0.296	0.500	59	22-146	

Lab Batch #: 741684 **Sample:** 318164-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.286	0.500	57	12-155	
Tetrachloro-m-xylene	0.412	0.500	82	22-146	

Lab Batch #: 741684 **Sample:** 318164-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.325	0.500	65	12-155	
Tetrachloro-m-xylene	0.302	0.500	60	22-146	

Lab Batch #: 741684 **Sample:** 318164-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.111	0.500	22	12-155	
Tetrachloro-m-xylene	0.183	0.500	37	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 741684 **Sample:** 318164-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	0.140	0.500	28	12-155	
Tetrachloro-m-xylene	0.159	0.500	32	22-146	

Lab Batch #: 741684 **Sample:** 519920-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	4.73	5.00	95	12-155	
Tetrachloro-m-xylene	4.62	5.00	92	22-146	

Lab Batch #: 741684 **Sample:** 519920-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	4.57	5.00	91	12-155	
Tetrachloro-m-xylene	4.13	5.00	83	22-146	

Lab Batch #: 741684 **Sample:** 519920-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	5.08	5.00	102	12-155	
Tetrachloro-m-xylene	4.53	5.00	91	22-146	

Lab Batch #: 741684 **Sample:** 519920-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	4.89	5.00	98	12-155	
Tetrachloro-m-xylene	3.98	5.00	80	22-146	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 741684 **Sample:** 519920-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	5.37	5.00	107	12-155	
Tetrachloro-m-xylene	5.17	5.00	103	22-146	

Lab Batch #: 741684 **Sample:** 519920-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: ug/L

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	5.16	5.00	103	12-155	
Tetrachloro-m-xylene	4.43	5.00	89	22-146	

Lab Batch #: 742446 **Sample:** 318164-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	11.1	34.7	32	19-203	
Tetrachloro-m-xylene	13.5	34.7	39	19-191	

Lab Batch #: 742446 **Sample:** 318164-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	12.4	34.7	35	19-203	
Tetrachloro-m-xylene	13.5	34.7	39	19-191	

Lab Batch #: 742446 **Sample:** 318164-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	18.1	48.1	38	19-203	
Tetrachloro-m-xylene	20.4	48.1	42	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 742446 **Sample:** 318164-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	20.2	48.1	42	19-203	
Tetrachloro-m-xylene	20.7	48.1	43	19-191	

Lab Batch #: 742446 **Sample:** 318164-005 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	37.6	35.0	107	19-203	
Tetrachloro-m-xylene	45.7	35.0	131	19-191	

Lab Batch #: 742446 **Sample:** 318164-005 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	40.1	35.0	115	19-203	
Tetrachloro-m-xylene	43.3	35.0	124	19-191	

Lab Batch #: 742446 **Sample:** 318164-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	18.7	64.1	29	19-203	
Tetrachloro-m-xylene	20.8	64.1	32	19-191	

Lab Batch #: 742446 **Sample:** 318164-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	21.1	64.1	33	19-203	
Tetrachloro-m-xylene	21.4	64.1	33	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 742446 **Sample:** 318164-010 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	28.2	47.6	59	19-203	
Tetrachloro-m-xylene	32.5	47.6	68	19-191	

Lab Batch #: 742446 **Sample:** 318164-010 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	30.2	47.6	63	19-203	
Tetrachloro-m-xylene	28.0	47.6	59	19-191	

Lab Batch #: 742446 **Sample:** 318164-011 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	46.9	41.3	114	19-203	
Tetrachloro-m-xylene	58.7	41.3	142	19-191	

Lab Batch #: 742446 **Sample:** 318164-011 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	47.9	41.3	116	19-203	
Tetrachloro-m-xylene	50.1	41.3	121	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	33.9	50.0	68	19-203	
Tetrachloro-m-xylene	47.0	50.0	94	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 742446 **Sample:** 520525-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	42.1	50.0	84	19-203	
Tetrachloro-m-xylene	46.7	50.0	93	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	33.2	50.0	66	19-203	
Tetrachloro-m-xylene	46.5	50.0	93	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	42.5	50.0	85	19-203	
Tetrachloro-m-xylene	47.7	50.0	95	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	34.3	50.0	69	19-203	
Tetrachloro-m-xylene	47.2	50.0	94	19-191	

Lab Batch #: 742446 **Sample:** 520525-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg

PCBs by SW846 8082 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Decachlorobiphenyl	42.4	50.0	85	19-203	
Tetrachloro-m-xylene	46.5	50.0	93	19-191	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743463 **Sample:** 318164-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	60.0	100	60	30-115	
2-Fluorophenol	U	200	0	25-121	**
Nitrobenzene-d5	U	100	0	23-120	**
Phenol-d6	U	200	0	24-113	**
Terphenyl-D14	82.5	100	83	18-137	
2,4,6-Tribromophenol	U	200	0	19-122	**

Lab Batch #: 743463 **Sample:** 318164-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	108	100	108	30-115	
2-Fluorophenol	U	200	0	25-121	**
Nitrobenzene-d5	U	100	0	23-120	**
Phenol-d6	U	200	0	24-113	**
Terphenyl-D14	67.5	100	68	18-137	
2,4,6-Tribromophenol	U	200	0	19-122	**

Lab Batch #: 743463 **Sample:** 318164-005 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	92.9	100	93	30-115	
2-Fluorophenol	112	200	56	25-121	
Nitrobenzene-d5	91.2	100	91	23-120	
Phenol-d6	111	200	56	24-113	
Terphenyl-D14	109	100	109	18-137	
2,4,6-Tribromophenol	112	200	56	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743463 **Sample:** 520952-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	95.5	100	96	30-115	
2-Fluorophenol	119	200	60	25-121	
Nitrobenzene-d5	64.4	100	64	23-120	
Phenol-d6	103	200	52	24-113	
Terphenyl-D14	106	100	106	18-137	
2,4,6-Tribromophenol	84.2	200	42	19-122	

Lab Batch #: 743463 **Sample:** 520952-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	72.5	100	73	30-115	
2-Fluorophenol	89.5	200	45	25-121	
Nitrobenzene-d5	82.9	100	83	23-120	
Phenol-d6	95.0	200	48	24-113	
Terphenyl-D14	84.3	100	84	18-137	
2,4,6-Tribromophenol	62.8	200	31	19-122	

Lab Batch #: 743463 **Sample:** 520952-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	89.8	100	90	30-115	
2-Fluorophenol	91.2	200	46	25-121	
Nitrobenzene-d5	60.9	100	61	23-120	
Phenol-d6	132	200	66	24-113	
Terphenyl-D14	99.2	100	99	18-137	
2,4,6-Tribromophenol	81.0	200	41	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743502 **Sample:** 318164-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.006	0.050	12	43-116	***
2-Fluorophenol	0.002	0.100	2	21-100	***
Nitrobenzene-d5	0.012	0.050	24	35-114	***
Phenol-d6	0.005	0.100	5	10-94	***
Terphenyl-D14	0.007	0.100	7	33-141	***
2,4,6-Tribromophenol	0.001	0.100	1	10-123	***

Lab Batch #: 743502 **Sample:** 318164-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.018	0.500	4	43-116	***
2-Fluorophenol	0.071	1.00	7	21-100	***
Nitrobenzene-d5	0.057	0.500	11	35-114	***
Phenol-d6	0.098	1.00	10	10-94	
Terphenyl-D14	0.019	1.00	2	33-141	***
2,4,6-Tribromophenol	0.043	1.00	4	10-123	***

Lab Batch #: 743502 **Sample:** 318164-007 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.013	0.050	26	43-116	**
2-Fluorophenol	0.021	0.100	21	21-100	
Nitrobenzene-d5	0.015	0.050	30	35-114	**
Phenol-d6	0.031	0.100	31	10-94	
Terphenyl-D14	0.009	0.100	9	33-141	**
2,4,6-Tribromophenol	0.029	0.100	29	10-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743502 **Sample:** 318164-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.015	0.050	30	43-116	***
2-Fluorophenol	0.030	0.100	30	21-100	
Nitrobenzene-d5	0.015	0.050	30	35-114	***
Phenol-d6	0.035	0.100	35	10-94	
Terphenyl-D14	0.006	0.100	6	33-141	***
2,4,6-Tribromophenol	0.037	0.100	37	10-123	

Lab Batch #: 743502 **Sample:** 318164-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.015	0.500	3	43-116	***
2-Fluorophenol	0.043	1.00	4	21-100	***
Nitrobenzene-d5	0.062	0.500	12	35-114	***
Phenol-d6	0.124	1.00	12	10-94	
Terphenyl-D14	0.009	1.00	1	33-141	***
2,4,6-Tribromophenol	U	1.00	0	10-123	***

Lab Batch #: 743502 **Sample:** 318164-012 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.016	0.050	32	43-116	**
2-Fluorophenol	0.028	0.100	28	21-100	
Nitrobenzene-d5	0.014	0.050	28	35-114	**
Phenol-d6	0.035	0.100	35	10-94	
Terphenyl-D14	0.009	0.100	9	33-141	**
2,4,6-Tribromophenol	0.032	0.100	32	10-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743502 **Sample:** 318164-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.021	0.050	42	43-116	***
2-Fluorophenol	0.016	0.100	16	21-100	***
Nitrobenzene-d5	0.012	0.050	24	35-114	***
Phenol-d6	0.007	0.100	7	10-94	***
Terphenyl-D14	0.028	0.100	28	33-141	***
2,4,6-Tribromophenol	0.042	0.100	42	10-123	

Lab Batch #: 743502 **Sample:** 318164-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.009	0.050	18	43-116	***
2-Fluorophenol	0.035	0.100	35	21-100	
Nitrobenzene-d5	0.019	0.050	38	35-114	
Phenol-d6	0.033	0.100	33	10-94	
Terphenyl-D14	0.008	0.100	8	33-141	***
2,4,6-Tribromophenol	0.022	0.100	22	10-123	

Lab Batch #: 743502 **Sample:** 520953-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.031	0.050	62	43-116	
2-Fluorophenol	0.059	0.100	59	21-100	
Nitrobenzene-d5	0.031	0.050	62	35-114	
Phenol-d6	0.073	0.100	73	10-94	
Terphenyl-D14	0.039	0.100	39	33-141	
2,4,6-Tribromophenol	0.061	0.100	61	10-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743502 **Sample:** 520953-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.031	0.050	62	43-116	
2-Fluorophenol	0.057	0.100	57	21-100	
Nitrobenzene-d5	0.031	0.050	62	35-114	
Phenol-d6	0.069	0.100	69	10-94	
Terphenyl-D14	0.041	0.100	41	33-141	
2,4,6-Tribromophenol	0.060	0.100	60	10-123	

Lab Batch #: 743502 **Sample:** 520953-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.034	0.050	68	43-116	
2-Fluorophenol	0.068	0.100	68	21-100	
Nitrobenzene-d5	0.030	0.050	60	35-114	
Phenol-d6	0.081	0.100	81	10-94	
Terphenyl-D14	0.040	0.100	40	33-141	
2,4,6-Tribromophenol	0.063	0.100	63	10-123	

Lab Batch #: 743573 **Sample:** 318164-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	123	108	114	30-115	
2-Fluorophenol	145	215	67	25-121	
Nitrobenzene-d5	92.5	108	86	23-120	
Phenol-d6	183	215	85	24-113	
Terphenyl-D14	97.8	108	91	18-137	
2,4,6-Tribromophenol	51.6	215	24	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743573 **Sample:** 318164-010 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	74.5	82.6	90	30-115	
2-Fluorophenol	114	165	69	25-121	
Nitrobenzene-d5	65.9	82.6	80	23-120	
Phenol-d6	24.7	165	15	24-113	**
Terphenyl-D14	80.2	82.6	97	18-137	
2,4,6-Tribromophenol	103	165	62	19-122	

Lab Batch #: 743573 **Sample:** 318164-011 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	101	93.5	108	30-115	
2-Fluorophenol	143	187	76	25-121	
Nitrobenzene-d5	85.4	93.5	91	23-120	
Phenol-d6	191	187	102	24-113	
Terphenyl-D14	103	93.5	110	18-137	
2,4,6-Tribromophenol	106	187	57	19-122	

Lab Batch #: 743573 **Sample:** 521165-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY				
	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	78.4	100	78	30-115	
2-Fluorophenol	140	200	70	25-121	
Nitrobenzene-d5	77.9	100	78	23-120	
Phenol-d6	170	200	85	24-113	
Terphenyl-D14	80.2	100	80	18-137	
2,4,6-Tribromophenol	127	200	64	19-122	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743573 **Sample:** 521165-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	88.3	100	88	30-115	
2-Fluorophenol	178	200	89	25-121	
Nitrobenzene-d5	61.5	100	62	23-120	
Phenol-d6	194	200	97	24-113	
Terphenyl-D14	93.3	100	93	18-137	
2,4,6-Tribromophenol	160	200	80	19-122	

Lab Batch #: 743573 **Sample:** 521165-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TCL SVOCs by SW-846 8270C Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	83.2	100	83	30-115	
2-Fluorophenol	72.7	200	36	25-121	
Nitrobenzene-d5	75.1	100	75	23-120	
Phenol-d6	80.8	200	40	24-113	
Terphenyl-D14	88.5	100	89	18-137	
2,4,6-Tribromophenol	137	200	69	19-122	

Lab Batch #: 744229 **Sample:** 318164-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	54.97	50.00	110	53-159	
4-Bromofluorobenzene	47.22	50.00	94	30-186	
Toluene-D8	51.61	50.00	103	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 744229 **Sample:** 318164-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53.70	50.00	107	53-159	
4-Bromofluorobenzene	47.74	50.00	95	30-186	
Toluene-D8	52.90	50.00	106	70-130	

Lab Batch #: 744229 **Sample:** 521564-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.90	50.00	112	53-159	
4-Bromofluorobenzene	45.54	50.00	91	30-186	
Toluene-D8	51.95	50.00	104	70-130	

Lab Batch #: 744229 **Sample:** 521564-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	58.51	50.00	117	53-159	
4-Bromofluorobenzene	45.55	50.00	91	30-186	
Toluene-D8	48.82	50.00	98	70-130	

Lab Batch #: 744230 **Sample:** 318164-007 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	60.20	50.00	120	53-159	
4-Bromofluorobenzene	44.71	50.00	89	30-186	
Toluene-D8	49.13	50.00	98	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 744230 **Sample:** 318164-012 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53.79	50.00	108	53-159	
4-Bromofluorobenzene	46.62	50.00	93	30-186	
Toluene-D8	49.15	50.00	98	70-130	

Lab Batch #: 744230 **Sample:** 318164-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56.69	50.00	113	53-159	
4-Bromofluorobenzene	46.03	50.00	92	30-186	
Toluene-D8	48.54	50.00	97	70-130	

Lab Batch #: 744230 **Sample:** 318164-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56.65	50.00	113	53-159	
4-Bromofluorobenzene	46.50	50.00	93	30-186	
Toluene-D8	48.96	50.00	98	70-130	

Lab Batch #: 744230 **Sample:** 318164-014 D / MD **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.28	50.00	111	53-159	
4-Bromofluorobenzene	45.80	50.00	92	30-186	
Toluene-D8	48.89	50.00	98	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 744230 **Sample:** 521565-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	48.64	50.00	97	53-159	
4-Bromofluorobenzene	46.64	50.00	93	30-186	
Toluene-D8	50.34	50.00	101	70-130	

Lab Batch #: 744230 **Sample:** 521565-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.73	50.00	111	53-159	
4-Bromofluorobenzene	45.23	50.00	90	30-186	
Toluene-D8	49.89	50.00	100	70-130	

Lab Batch #: 744703 **Sample:** 318164-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.18	50.00	110	53-159	
4-Bromofluorobenzene	48.63	50.00	97	30-186	
Toluene-D8	51.78	50.00	104	70-130	

Lab Batch #: 744703 **Sample:** 318164-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.64	50.00	111	53-159	
4-Bromofluorobenzene	47.52	50.00	95	30-186	
Toluene-D8	51.08	50.00	102	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 744703 **Sample:** 318164-003 / DL **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53.48	50.00	107	53-159	
4-Bromofluorobenzene	49.68	50.00	99	30-186	
Toluene-D8	52.65	50.00	105	70-130	

Lab Batch #: 744703 **Sample:** 318164-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.63	50.00	111	53-159	
4-Bromofluorobenzene	47.88	50.00	96	30-186	
Toluene-D8	51.60	50.00	103	70-130	

Lab Batch #: 744703 **Sample:** 318164-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55.54	50.00	111	53-159	
4-Bromofluorobenzene	48.94	50.00	98	30-186	
Toluene-D8	51.54	50.00	103	70-130	

Lab Batch #: 744703 **Sample:** 318164-005 / SMP **Batch:** 1 **Matrix:** Liquid

Units: ug/L

TCL VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53.69	50.00	107	53-159	
4-Bromofluorobenzene	48.01	50.00	96	30-186	
Toluene-D8	51.86	50.00	104	70-130	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 744703 **Sample:** 521877-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L

SURROGATE RECOVERY STUDY

TCL VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	53.42	50.00	107	53-159	
4-Bromofluorobenzene	46.26	50.00	93	30-186	
Toluene-D8	50.43	50.00	101	70-130	

Lab Batch #: 744703 **Sample:** 521877-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L

SURROGATE RECOVERY STUDY

TCL VOCs by SW-846 8260B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	60.14	50.00	120	53-159	
4-Bromofluorobenzene	47.45	50.00	95	30-186	
Toluene-D8	50.62	50.00	101	70-130	

Lab Batch #: 743425 **Sample:** 318116-006 S / MS **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.080	0.10	80	64-123	

Lab Batch #: 743425 **Sample:** 318116-006 SD / MSD **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743425 **Sample:** 318164-007 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743425 **Sample:** 318164-012 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	64-123	

Lab Batch #: 743425 **Sample:** 318164-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743425 **Sample:** 318164-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743425 **Sample:** 521065-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743425 **Sample:** 521065-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743462 **Sample:** 318164-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743462 **Sample:** 318164-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743462 **Sample:** 320267-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743462 **Sample:** 320267-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743462 **Sample:** 521088-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743462 **Sample:** 521088-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743725 **Sample:** 318164-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743725 **Sample:** 318164-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743725 **Sample:** 318164-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743725 **Sample:** 318164-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743725 **Sample:** 318164-005 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	64-123	

Lab Batch #: 743725 **Sample:** 320274-004 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743725 **Sample:** 320274-004 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743725 **Sample:** 521275-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

Lab Batch #: 743725 **Sample:** 521275-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	64-123	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743961 **Sample:** 318116-012 D / MD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743961 **Sample:** 318164-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743961 **Sample:** 318164-010 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.090	0.10	90	66-121	

Lab Batch #: 743961 **Sample:** 318164-011 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 743961 **Sample:** 521412-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.11	0.10	110	66-121	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743961 **Sample:** 521412-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
p-Cymene (p-Isopropyltoluene)	0.10	0.10	100	66-121	

Lab Batch #: 742213 **Sample:** 318152-004 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.052	0.050	104	31-115	

Lab Batch #: 742213 **Sample:** 318152-004 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.046	0.050	92	31-115	

Lab Batch #: 742213 **Sample:** 318164-002 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.0080	0.050	16	31-115	**

Lab Batch #: 742213 **Sample:** 318164-003 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

SURROGATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.48	0.50	96	31-115	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 742213 **Sample:** 318164-007 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.037	0.050	74	31-115	

Lab Batch #: 742213 **Sample:** 318164-008 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.040	0.050	80	31-115	

Lab Batch #: 742213 **Sample:** 318164-009 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.16	0.50	32	31-115	

Lab Batch #: 742213 **Sample:** 318164-012 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.032	0.050	64	31-115	

Lab Batch #: 742213 **Sample:** 318164-013 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.032	0.050	64	31-115	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 742213 **Sample:** 318164-014 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.032	0.050	64	31-115	

Lab Batch #: 742213 **Sample:** 520024-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.046	0.050	92	31-115	

Lab Batch #: 742213 **Sample:** 520024-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	0.053	0.050	106	31-115	

Lab Batch #: 743303 **Sample:** 318164-001 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	160	89	180	32-116	**

Lab Batch #: 743303 **Sample:** 318164-004 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	110	99	111	32-116	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 743303 **Sample:** 318164-005 / SMP **Batch:** 1 **Matrix:** Liquid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	140	81	173	32-116	**

Lab Batch #: 743303 **Sample:** 520305-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	130	100	130	32-116	**

Lab Batch #: 743303 **Sample:** 520305-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	140	100	140	32-116	**

Lab Batch #: 743303 **Sample:** 520305-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	130	100	130	32-116	**

Lab Batch #: 744909 **Sample:** 318164-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	78	120	65	32-116	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 744909 **Sample:** 318164-010 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	85	100	85	32-116	

Lab Batch #: 744909 **Sample:** 318164-011 / SMP **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	54	68	79	32-116	

Lab Batch #: 744909 **Sample:** 8406037-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	89	100	89	32-116	

Lab Batch #: 744909 **Sample:** 8406037-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	110	100	110	32-116	

Lab Batch #: 744909 **Sample:** 8406037-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH-Diesel Range Organics by SW-846 8015B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
o-Terphenyl	89	100	89	32-116	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 744380 **Sample:** 318164-006 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56	50	112	53-135	
4-Bromofluorobenzene	44	50	88	53-175	
Toluene-D8	49	50	98	56-126	

Lab Batch #: 744380 **Sample:** 318164-010 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	55	50	110	53-135	
4-Bromofluorobenzene	43	50	86	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 744380 **Sample:** 318164-011 / SMP **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	57	50	114	53-135	
4-Bromofluorobenzene	45	50	90	53-175	
Toluene-D8	50	50	100	56-126	

Lab Batch #: 744380 **Sample:** 521666-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	48	50	96	53-135	
4-Bromofluorobenzene	47	50	94	53-175	
Toluene-D8	51	50	102	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Seven Out Superfund Site

Work Orders : 318164, **Project ID:** 08040

Lab Batch #: 744380 **Sample:** 521666-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg

VOCs by SW-846 8260B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	56	50	112	53-135	
4-Bromofluorobenzene	47	50	94	53-175	
Toluene-D8	51	50	102	56-126	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318164 **Project ID:** 08040

Lab Batch #: 744229 **Sample:** 521564-1-BKS **Matrix:** Water
Date Analyzed: 12/19/2008 **Date Prepared:** 12/19/2008 **Analyst:** 4124
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<1.0	50.0	54.0	108	70-130	
Benzene	<1.0	50.0	49.0	98	80-120	
Chlorobenzene	<1.0	50.0	50.0	100	80-120	
Toluene	<1.0	50.0	49.0	98	75-120	
Trichloroethene	<1.0	50.0	56.0	112	70-125	

Lab Batch #: 744230 **Sample:** 521565-1-BKS **Matrix:** Water
Date Analyzed: 12/19/2008 **Date Prepared:** 12/19/2008 **Analyst:** 4124
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<1.0	50.0	39.0	78	70-130	
Benzene	<1.0	50.0	46.0	92	80-120	
Chlorobenzene	<1.0	50.0	51.0	102	80-120	
Toluene	<1.0	50.0	49.0	98	75-120	
Trichloroethene	<1.0	50.0	50.0	100	70-125	

Lab Batch #: 744703 **Sample:** 521877-1-BKS **Matrix:** Water
Date Analyzed: 12/24/2008 **Date Prepared:** 12/24/2008 **Analyst:** 4124
Reporting Units: ug/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TCL VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<1.0	50.0	52.0	104	70-130	
Benzene	<1.0	50.0	47.0	94	80-120	
Chlorobenzene	<1.0	50.0	51.0	102	80-120	
Toluene	<1.0	50.0	48.0	96	75-120	
Trichloroethene	<1.0	50.0	47.0	94	70-125	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318164 **Project ID:** 08040

Lab Batch #: 743425 **Sample:** 521065-1-BKS **Matrix:** Water
Date Analyzed: 12/12/2008 **Date Prepared:** 12/12/2008 **Analyst:** ANI
Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.1	110	69-121	

Lab Batch #: 743462 **Sample:** 521088-1-BKS **Matrix:** Water
Date Analyzed: 12/14/2008 **Date Prepared:** 12/14/2008 **Analyst:** ANI
Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.1	110	69-121	

Lab Batch #: 743725 **Sample:** 521275-1-BKS **Matrix:** Water
Date Analyzed: 12/16/2008 **Date Prepared:** 12/16/2008 **Analyst:** ANI
Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.0	100	69-121	

Lab Batch #: 743961 **Sample:** 521412-1-BKS **Matrix:** Solid
Date Analyzed: 12/17/2008 **Date Prepared:** 12/17/2008 **Analyst:** ANI
Reporting Units: mg/kg **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH (Gasoline Range Organics) by SW8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-GRO (Gasoline Range Organics)	<10	50	54	108	71-125	

Lab Batch #: 742213 **Sample:** 520024-1-BKS **Matrix:** Water
Date Analyzed: 12/01/2008 **Date Prepared:** 11/25/2008 **Analyst:** BRZ
Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
TPH-DRO (Diesel Range Organics)	0.98	1.0	0.96	96	23-168	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: **Seven Out Superfund Site**

Work Order #: 318164 **Project ID:** 08040

Lab Batch #: 744380 **Sample:** 521666-1-BKS **Matrix:** Solid

Date Analyzed: 12/22/2008 **Date Prepared:** 12/22/2008 **Analyst:** 4124

Reporting Units: ug/kg **Batch #:** 1

BLANK /BLANK SPIKE RECOVERY STUDY

VOCs by SW-846 8260B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
1,1-Dichloroethene	<250	2500	2700	108	35-170	
Benzene	<250	2500	2500	100	38-158	
Chlorobenzene	<500	2500	2600	104	47-153	
Toluene	<250	2500	2600	104	50-150	
Trichloroethene	<250	2500	2600	104	50-150	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318164 **Project ID:** 08040

Analyst: 4099 **Date Prepared:** 12/23/2008 **Date Analyzed:** 12/23/2008

Lab Batch ID: 744717 **Sample:** 744717-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	79	98	81	79	98	0	75-140	25	

Analyst: 4099 **Date Prepared:** 11/25/2008 **Date Analyzed:** 11/25/2008

Lab Batch ID: 741676 **Sample:** 741676-1-BKS **Batch #:** 1 **Matrix:** Water

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	80.0	99	81	80.0	99	0	70-140	25	

Analyst: 4099 **Date Prepared:** 12/23/2008 **Date Analyzed:** 12/23/2008

Lab Batch ID: 744718 **Sample:** 744718-1-BKS **Batch #:** 1 **Matrix:** Water

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	>140	81.0	80.0	99	81	80.0	99	0	70-140	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318164 **Project ID:** 08040

Analyst: 4099 **Date Prepared:** 12/28/2008 **Date Analyzed:** 12/28/2008

Lab Batch ID: 744832 **Sample:** 744832-1-BKS **Batch #:** 1 **Matrix:** Water

Units: Deg F

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Flash Point (CC) SW-846 1010 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Flash Point	<65.0	81.0	80.0	99	81	80.0	99	0	70-140	25	

Analyst: 4150 **Date Prepared:** 11/22/2008 **Date Analyzed:** 11/24/2008

Lab Batch ID: 741300 **Sample:** 519783-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0020	0.0030	0.0031	103	0.003	0.0031	103	0	75-125	20	

Analyst: 4150 **Date Prepared:** 11/24/2008 **Date Analyzed:** 11/25/2008

Lab Batch ID: 741496 **Sample:** 519867-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0020	0.0030	0.0029	97	0.003	0.0030	100	3	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318164 **Project ID:** 08040

Analyst: 4150 **Date Prepared:** 11/22/2008 **Date Analyzed:** 11/24/2008

Lab Batch ID: 741303 **Sample:** 519782-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7471A Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0500	0.5000	0.5578	112	0.5	0.5223	104	7	85-115	20	

Analyst: VCH **Date Prepared:** 11/25/2008 **Date Analyzed:** 11/25/2008

Lab Batch ID: 741684 **Sample:** 519920-1-BKS **Batch #:** 1 **Matrix:** Water

Units: ug/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

PCBs by SW846 8082 Col Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
2 PCB-1016	<10	50	43	86	50	46	92	7	30-170	30	
1 PCB-1260	<10	50	38	76	50	42	84	10	30-170	30	

Analyst: VCH **Date Prepared:** 12/04/2008 **Date Analyzed:** 12/04/2008

Lab Batch ID: 742446 **Sample:** 520525-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: ug/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

PCBs by SW846 8082 Col Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
2 PCB-1016	<100	500	410	82	500	430	86	5	17-171	30	
2 PCB-1260	<100	500	360	72	500	370	74	3	33-193	30	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318164
Project ID: 08040
Analyst: 11
Date Prepared: 11/22/2008
Date Analyzed: 11/24/2008
Lab Batch ID: 741315
Sample: 519781-1-BKS
Batch #: 1
Matrix: Solid
Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<5.00	100	91.7	92	100	91.9	92	0	75-125	20	
Barium	<5.00	100	94.2	94	100	93.9	94	0	75-125	20	
Cadmium	<0.500	100	95.3	95	100	95.3	95	0	75-125	20	
Chromium	<5.00	100	97.2	97	100	96.6	97	1	75-125	20	
Lead	<5.00	100	93.8	94	100	94.0	94	0	75-125	20	
Selenium	<5.00	100	92.8	93	100	93.0	93	0	75-125	20	
Silver	<5.00	100	91.5	92	100	91.3	91	0	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318164
Project ID: 08040
Analyst: 11
Date Prepared: 11/21/2008
Date Analyzed: 11/24/2008
Lab Batch ID: 741314
Sample: 519769-1-BKS
Batch #: 1
Matrix: Water
Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	0.929	93	1	0.933	93	0	75-125	20	
Barium	<0.050	1.00	0.934	93	1	0.955	96	2	75-125	20	
Cadmium	<0.005	1.00	0.957	96	1	0.976	98	2	75-125	20	
Chromium	<0.050	1.00	0.968	97	1	0.986	99	2	75-125	20	
Lead	<0.010	1.00	0.936	94	1	0.959	96	2	75-125	20	
Selenium	<0.010	1.00	0.943	94	1	0.965	97	2	75-125	20	
Silver	<0.050	1.00	0.920	92	1	0.941	94	2	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318164
Project ID: 08040
Analyst: KAN
Date Prepared: 12/01/2008
Date Analyzed: 12/10/2008
Lab Batch ID: 743463
Sample: 520952-1-BKS
Batch #: 1
Matrix: Solid
Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<100	100	117	117	100	116	116	1	37-133	25	
1,4-Dichlorobenzene	<100	100	113	113	100	113	113	0	36-134	25	
2,4-Dinitrotoluene	<100	100	74.4	74	100	81.6	82	9	40-130	25	
2-Chlorophenol	<100	200	209	105	200	208	104	0	25-140	25	
4-chloro-3-methylphenol	<100	200	219	110	200	193	97	13	28-134	25	
4-Nitrophenol	<100	200	130	65	200	131	66	1	13-106	25	
Acenaphthene	<50.0	100	111	111	100	106	106	5	41-134	25	
N-Nitrosodi-n-Propylamine	<100	100	109	109	100	112	112	3	53-130	25	
Pentachlorophenol	<100	200	131	66	200	119	60	10	14-111	25	
Phenol	<100	200	208	104	200	195	98	6	27-127	25	
Pyrene	<50.0	100	109	109	100	111	111	2	41-144	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318164
Project ID: 08040
Analyst: KAN
Date Prepared: 12/08/2008
Date Analyzed: 12/12/2008
Lab Batch ID: 743573
Sample: 521165-1-BKS
Batch #: 1
Matrix: Solid
Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<100	100	96.0	96	100	111	111	14	37-133	25	
1,4-Dichlorobenzene	<100	100	92.2	92	100	108	108	16	36-134	25	
2,4-Dinitrotoluene	<100	100	66.7	67	100	69.1	69	4	40-130	25	
2-Chlorophenol	<100	200	148	74	200	179	90	19	25-140	25	
4-chloro-3-methylphenol	<100	200	183	92	200	183	92	0	28-134	25	
4-Nitrophenol	<100	200	193	97	200	183	92	5	13-106	25	
Acenaphthene	<50.0	100	101	101	100	112	112	10	41-134	25	
N-Nitrosodi-n-Propylamine	<100	100	88.9	89	100	105	105	17	53-130	25	
Pentachlorophenol	<100	200	219	110	200	221	111	1	14-111	25	
Phenol	<100	200	152	76	200	187	94	21	27-127	25	
Pyrene	<50.0	100	95.2	95	100	111	111	15	41-144	25	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318164 **Project ID:** 08040

Analyst: KAN **Date Prepared:** 11/25/2008 **Date Analyzed:** 12/11/2008

Lab Batch ID: 743502 **Sample:** 520953-1-BKS **Batch #:** 1 **Matrix:** Water

Units: ug/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TCL SVOCs by SW-846 8270C Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,2,4-Trichlorobenzene	<10.0	50.0	34.0	68	50	37.2	74	9	20-124	28	
1,4-Dichlorobenzene	<10.0	50.0	34.0	68	50	35.3	71	4	19-121	28	
2,4-Dinitrotoluene	<10.0	50.0	30.7	61	50	38.8	78	23	22-135	38	
2-Chlorophenol	<10.0	100	67.6	68	100	75.8	76	11	16-116	40	
4-chloro-3-methylphenol	<10.0	100	69.6	70	100	81.4	81	16	16-129	33	
4-Nitrophenol	<20.0	100	73.8	74	100	79.6	80	8	10-80	50	
Acenaphthene	<10.0	50.0	36.8	74	50	41.3	83	12	27-132	31	
N-Nitrosodi-n-Propylamine	<10.0	50.0	36.4	73	50	41.4	83	13	22-134	38	
Pentachlorophenol	<20.0	100	79.8	80	100	77.2	77	3	17-117	50	
Phenol	<10.0	100	68.9	69	100	75.5	76	9	12-110	25	
Pyrene	<10.0	50.0	41.8	84	50	46.1	92	10	23-152	31	

Analyst: BRZ **Date Prepared:** 12/01/2008 **Date Analyzed:** 12/08/2008

Lab Batch ID: 743303 **Sample:** 520305-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	<3000	400000	62000	16	400000	63000	16	2	14-146	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Seven Out Superfund Site

Work Order #: 318164
Analyst: BRZ
Lab Batch ID: 744909 **Sample:** 8406037-1-BKS
Units: mg/kg

Date Prepared: 12/08/2008
Batch #: 1

Project ID: 08040
Date Analyzed: 12/29/2008
Matrix: Solid

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH-Diesel Range Organics by SW-846 8015B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	<3000	40000	59000	148	40000	58000	145	2	14-146	20	H

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 318164 **Project ID:** 08040

Lab Batch ID: 741300 **QC- Sample ID:** 318116-001 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 11/24/2008 **Date Prepared:** 11/22/2008 **Analyst:** 4150
Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0020	0.0030	0.0033	110	0.0030	0.0030	100	10	75-125	20	

Lab Batch ID: 741496 **QC- Sample ID:** 318164-014 S **Batch #:** 1 **Matrix:** Liquid
Date Analyzed: 11/25/2008 **Date Prepared:** 11/24/2008 **Analyst:** 4150
Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7470A Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0020	0.0030	0.0031	103	0.0030	0.0031	103	0	75-125	20	

Lab Batch ID: 741303 **QC- Sample ID:** 318116-003 S **Batch #:** 1 **Matrix:** Solid
Date Analyzed: 11/24/2008 **Date Prepared:** 11/22/2008 **Analyst:** 4150
Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury by SW-846 7471A Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.0490	0.4902	0.2232	46	0.4902	0.2323	47	2	85-115	20	X

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 318164 **Project ID:** 08040

Lab Batch ID: 741314 **QC- Sample ID:** 318158-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 11/24/2008 **Date Prepared:** 11/21/2008 **Analyst:** 11

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	0.951	95	1.00	0.960	96	1	75-125	20	
Barium	0.680	1.00	1.59	91	1.00	1.60	92	1	75-125	20	
Cadmium	<0.005	1.00	0.952	95	1.00	0.959	96	1	75-125	20	
Chromium	<0.050	1.00	0.969	97	1.00	0.972	97	0	75-125	20	
Lead	<0.010	1.00	0.935	94	1.00	0.936	94	0	75-125	20	
Selenium	0.015	1.00	0.961	95	1.00	0.974	96	1	75-125	20	
Silver	<0.050	1.00	0.939	94	1.00	0.943	94	0	75-125	20	

Lab Batch ID: 741315 **QC- Sample ID:** 318116-003 S **Batch #:** 1 **Matrix:** Solid

Date Analyzed: 11/24/2008 **Date Prepared:** 11/22/2008 **Analyst:** 11

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

RCRA Metals by SW846-6010B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<4.76	95.2	88.5	93	95.2	87.7	92	1	75-125	20	
Barium	9.71	95.2	101	96	95.2	101	96	0	75-125	20	
Cadmium	<0.476	95.2	89.9	94	95.2	89.6	94	0	75-125	20	
Chromium	<4.76	95.2	97.5	102	95.2	96.9	102	0	75-125	20	
Lead	<4.76	95.2	89.1	94	95.2	88.7	93	1	75-125	20	
Selenium	<4.76	95.2	87.6	92	95.2	88.0	92	0	75-125	20	
Silver	<4.76	95.2	87.7	92	95.2	87.0	91	1	75-125	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 318164 **Project ID:** 08040

Lab Batch ID: 743425 **QC- Sample ID:** 318116-006 S **Batch #:** 1 **Matrix:** Liquid
Date Analyzed: 12/13/2008 **Date Prepared:** 12/12/2008 **Analyst:** ANI
Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	0.80	80	1.0	0.95	95	17	69-121	25	

Lab Batch ID: 743462 **QC- Sample ID:** 320267-001 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 12/15/2008 **Date Prepared:** 12/14/2008 **Analyst:** ANI
Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<0.10	1.0	1.0	100	1.0	0.92	92	8	69-121	25	

Lab Batch ID: 743725 **QC- Sample ID:** 320274-004 S **Batch #:** 1 **Matrix:** Water
Date Analyzed: 12/16/2008 **Date Prepared:** 12/16/2008 **Analyst:** ANI
Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH (Gasoline Range Organics) by SW8015B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	0.62	1.0	1.6	98	1.0	1.6	98	0	69-121	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Seven Out Superfund Site

Work Order # : 318164 **Project ID:** 08040

Lab Batch ID: 742213 **QC- Sample ID:** 318152-004 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 12/01/2008 **Date Prepared:** 11/25/2008 **Analyst:** BRZ

Reporting Units: mg/L

TPH-Diesel Range Organics by SW-846 8015B Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH-DRO (Diesel Range Organics)	18	1.0	21	300	1.0	18	0	200	23-168	35	XF

Matrix Spike Percent Recovery [D] = 100*(C-A)/B

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318164

Lab Batch #: 741676 **Project ID:** 08040
Date Analyzed: 11/25/2008 **Date Prepared:** 11/25/2008 **Analyst:** 4099
QC- Sample ID: 318116-007 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140	>140	NC	25	

Lab Batch #: 744717
Date Analyzed: 12/23/2008 **Date Prepared:** 12/23/2008 **Analyst:** 4099
QC- Sample ID: 317804-008 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140	>140	NC	25	

Lab Batch #: 744718
Date Analyzed: 12/23/2008 **Date Prepared:** 12/23/2008 **Analyst:** 4099
QC- Sample ID: 317804-009 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	>140	>140	NC	25	

Lab Batch #: 744832
Date Analyzed: 12/28/2008 **Date Prepared:** 12/28/2008 **Analyst:** 4099
QC- Sample ID: 318164-001 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: Deg F

SAMPLE / SAMPLE DUPLICATE RECOVERY

Flash Point (CC) SW-846 1010 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Flash Point	<65.0	<65.0	NC	25	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318164

Lab Batch #: 741300 **Project ID:** 08040
Date Analyzed: 11/24/2008 **Date Prepared:** 11/22/2008 **Analyst:** 4150
QC- Sample ID: 318116-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY

Mercury by SW-846 7470A Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Mercury	<0.0020	<0.0020	NC	20	

Lab Batch #: 741496
Date Analyzed: 11/25/2008 **Date Prepared:** 11/24/2008 **Analyst:** 4150
QC- Sample ID: 318164-014 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY

Mercury by SW-846 7470A Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Mercury	<0.0020	<0.0020	NC	20	

Lab Batch #: 741303
Date Analyzed: 11/24/2008 **Date Prepared:** 11/22/2008 **Analyst:** 4150
QC- Sample ID: 318116-003 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY

Mercury by SW-846 7471A Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Mercury	<0.0490	<0.0490	NC	20	

Lab Batch #: 741314
Date Analyzed: 11/24/2008 **Date Prepared:** 11/21/2008 **Analyst:** 11
QC- Sample ID: 318158-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY

RCRA Metals by SW846-6010B Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Arsenic	<0.010	0.010	NC	20	
Barium	0.680	0.685	1	20	
Cadmium	<0.005	<0.005	NC	20	
Chromium	<0.050	<0.050	NC	20	
Lead	<0.010	<0.010	NC	20	
Selenium	0.015	<0.010	NC	20	
Silver	<0.050	<0.050	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318164

Lab Batch #: 741315 **Project ID:** 08040
Date Analyzed: 11/24/2008 **Date Prepared:** 11/22/2008 **Analyst:** 11
QC- Sample ID: 318116-003 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

RCRA Metals by SW846-6010B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Arsenic	<4.76	<4.76	NC	20	
Barium	9.71	11.5	17	20	
Cadmium	<0.476	<0.476	NC	20	
Chromium	<4.76	5.26	NC	20	
Lead	<4.76	<4.76	NC	20	
Selenium	<4.76	<4.76	NC	20	
Silver	<4.76	<4.76	NC	20	

Lab Batch #: 741292
Date Analyzed: 11/21/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4099
QC- Sample ID: 318164-006 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: SU

Soil pH by EPA 9045C Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	4.30	4.30	0	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318164

Lab Batch #: 744230 **Project ID:** 08040

Date Analyzed: 12/20/2008 **Date Prepared:** 12/19/2008 **Analyst:** 4124

QC- Sample ID: 318164-014 D **Batch #:** 1 **Matrix:** Liquid

Reporting Units: ug/L

TCL VOCs by SW-846 8260B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
1,1,1-Trichloroethane	<1.00	<1.00	NC	20	
1,1,2,2-Tetrachloroethane	<1.00	<1.00	NC	20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.00	<1.00	NC	20	
1,1,2-Trichloroethane	<1.00	<1.00	NC	20	
1,1-Dichloroethane	<1.00	<1.00	NC	20	
1,1-Dichloroethene	<1.00	<1.00	NC	20	
1,2,4-Trichlorobenzene	<1.00	<1.00	NC	20	
1,2-Dibromo-3-chloropropane (DBCP)	<1.00	<1.00	NC	20	
1,2-Dibromoethane (EDB)	<1.00	<1.00	NC	20	
1,2-Dichlorobenzene	<1.00	<1.00	NC	20	
1,2-Dichloroethane	<1.00	<1.00	NC	20	
1,2-Dichloropropane	<1.00	<1.00	NC	20	
1,3-Dichlorobenzene	<1.00	<1.00	NC	20	
1,4-Dichlorobenzene	<1.00	<1.00	NC	20	
2-Butanone (MEK)	<2.00	<2.00	NC	20	
2-Hexanone	<2.00	<2.00	NC	20	
4-Methyl-2-pentanone (MIBK)	<2.00	<2.00	NC	20	
Acetone	<2.00	<2.00	NC	20	
Benzene	<1.00	<1.00	NC	20	
Bromodichloromethane	<1.00	<1.00	NC	20	
Bromoform	<1.00	<1.00	NC	20	
Bromomethane	<1.00	<1.00	NC	20	
Carbon disulfide	<1.00	<1.00	NC	20	
Carbon tetrachloride	<1.00	<1.00	NC	20	
Chlorobenzene	<1.00	<1.00	NC	20	
Chloroethane	<1.00	<1.00	NC	20	
Chloroform	<1.00	<1.00	NC	20	
Chloromethane	<1.00	<1.00	NC	20	
cis-1,2-Dichloroethene	<1.00	<1.00	NC	20	
cis-1,3-Dichloropropene	<1.00	<1.00	NC	20	
Cyclohexane	<1.00	<1.00	NC	20	
Dibromochloromethane	<1.00	<1.00	NC	20	
Dichlorodifluoromethane	<1.00	<1.00	NC	20	
Ethylbenzene	<1.00	<1.00	NC	20	
Isopropylbenzene	<1.00	<1.00	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Sample Duplicate Recovery

Project Name: Seven Out Superfund Site

Work Order #: 318164

Lab Batch #: 744230 **Project ID:** 08040
Date Analyzed: 12/20/2008 **Date Prepared:** 12/19/2008 **Analyst:** 4124
QC- Sample ID: 318164-014 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: ug/L

TCL VOCs by SW-846 8260B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
		Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
m,p-Xylenes	<2.00	<2.00	NC	20	
Methyl acetate	<2.00	<2.00	NC	20	
Methyl tert-butyl ether	<2.00	<2.00	NC	20	
Methylcyclohexane	<1.00	<1.00	NC	20	
Methylene chloride	<1.00	<1.00	NC	20	
o-Xylene	<1.00	<1.00	NC	20	
Styrene	<1.00	<1.00	NC	20	
Tetrachloroethene	<1.00	<1.00	NC	20	
Toluene	<1.00	<1.00	NC	20	
trans-1,2-Dichloroethene	<1.00	<1.00	NC	20	
trans-1,3-Dichloropropene	<1.00	<1.00	NC	20	
Trichloroethene	<1.00	<1.00	NC	20	
Trichlorofluoromethane	<1.00	<1.00	NC	20	
Vinyl chloride	<1.00	<1.00	NC	20	

Lab Batch #: 743961
Date Analyzed: 12/17/2008 **Date Prepared:** 12/17/2008 **Analyst:** ANI
QC- Sample ID: 318116-012 D **Batch #:** 1 **Matrix:** Solid
Reporting Units: mg/kg

TPH (Gasoline Range Organics) by SW8015B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
TPH-GRO (Gasoline Range Organics)	<9.8	<9.8	NC	25	

Lab Batch #: 741293
Date Analyzed: 11/21/2008 **Date Prepared:** 11/21/2008 **Analyst:** 4099
QC- Sample ID: 318164-001 D **Batch #:** 1 **Matrix:** Liquid
Reporting Units: SU

pH by EPA 9040 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	<0.000	<0.000	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519769-1-BLK** Matrix: **WATER**
Lab Sample Id: **519769-1-BLK**

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3010A

Date Analyzed: Nov-24-08 22:44 Analyst: 11 Date Prep: Nov-21-08 16:52 Tech: ABA
Seq Number: 741314

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	0.010	0.007	mg/L	U	1
Barium	7440-39-3	U	0.050	0.002	mg/L	U	1
Cadmium	7440-43-9	U	0.005	0.001	mg/L	U	1
Chromium	7440-47-3	U	0.050	0.001	mg/L	U	1
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1
Selenium	7782-49-2	U	0.010	0.008	mg/L	U	1
Silver	7440-22-4	U	0.050	0.001	mg/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519781-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519781-1-BLK**

Analytical Method: RCRA Metals by SW846-6010B Prep Method: SW3050B

Date Analyzed: Nov-24-08 21:03 Analyst: 11 Date Prep: Nov-22-08 13:19 Tech: ABA
Seq Number: 741315

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Arsenic	7440-38-2	U	5.00	0.617	mg/kg	U	1
Barium	7440-39-3	U	5.00	0.153	mg/kg	U	1
Cadmium	7440-43-9	U	0.500	0.021	mg/kg	U	1
Chromium	7440-47-3	U	5.00	0.096	mg/kg	U	1
Lead	7439-92-1	U	5.00	0.300	mg/kg	U	1
Selenium	7782-49-2	U	5.00	0.956	mg/kg	U	1
Silver	7440-22-4	U	5.00	0.047	mg/kg	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519782-1-BLK** Matrix: **SOLID**
Lab Sample Id: **519782-1-BLK**

Analytical Method: Mercury by SW-846 7471A Prep Method: SW7471P

Date Analyzed: Nov-24-08 14:00 Analyst: 4150 Date Prep: Nov-22-08 13:22 Tech: ABA
Seq Number: 741303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0500	0.0030	mg/kg	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519783-1-BLK** Matrix: **WATER**
Lab Sample Id: **519783-1-BLK**

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-24-08 15:55 Analyst: 4150 Date Prep: Nov-22-08 13:25 Tech: ABA
Seq Number: 741300

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519867-1-BLK** Matrix: **WATER**
Lab Sample Id: **519867-1-BLK**

Analytical Method: Mercury by SW-846 7470A Prep Method: SW7470P

Date Analyzed: Nov-25-08 15:37 Analyst: 4150 Date Prep: Nov-24-08 13:15 Tech: ABA
Seq Number: 741496

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Mercury	7439-97-6	U	0.0020	0.0001	mg/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **519920-1-BLK** Matrix: **WATER**
Lab Sample Id: **519920-1-BLK**

Analytical Method: PCBs by SW846 8082 Prep Method: SW3510C

Date Analyzed: Nov-25-08 07:38 Analyst: VCH Date Prep: Nov-25-08 09:19 Tech: 4118
Seq Number: 741684

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	10	1.8	ug/L	U	1
PCB-1221	11104-28-2	U	10	2.0	ug/L	U	1
PCB-1232	11141-16-5	U	10	1.5	ug/L	U	1
PCB-1242	53469-21-9	U	10	1.1	ug/L	U	1
PCB-1248	12672-29-6	U	10	2.1	ug/L	U	1
PCB-1254	11097-69-1	U	10	1.7	ug/L	U	1
PCB-1260	11096-82-5	U	10	1.7	ug/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520024-1-BLK** Matrix: **WATER**
Lab Sample Id: **520024-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3520C

Date Analyzed: Dec-01-08 18:04 Analyst: BRZ Date Prep: Nov-25-08 14:00 Tech: 5458
Seq Number: 742213

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	0.98	0.30	0.026	mg/L		1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520305-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520305-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-08-08 14:04 Analyst: BRZ Date Prep: Dec-01-08 10:00 Tech: 4155
Seq Number: 743303

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	370	3000	340	mg/kg		1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520525-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520525-1-BLK**

Analytical Method: PCBs by SW846 8082 Prep Method: SW3580A

Date Analyzed: Dec-04-08 17:49 Analyst: VCH Date Prep: Dec-04-08 14:30 Tech: 4155
Seq Number: 742446

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
PCB-1016	12674-11-2	U	100	11	ug/kg	U	1
PCB-1221	11104-28-2	U	100	10	ug/kg	U	1
PCB-1232	11141-16-5	U	100	10	ug/kg	U	1
PCB-1242	53469-21-9	U	100	11	ug/kg	U	1
PCB-1248	12672-29-6	U	100	11	ug/kg	U	1
PCB-1254	11097-69-1	U	100	11	ug/kg	U	1
PCB-1260	11096-82-5	U	100	13	ug/kg	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520952-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520952-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 17:58 Analyst: KAN Date Prep: Dec-01-08 10:00 Tech: KAN
Seq Number: 743463

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	100	10.0	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	100	10.0	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	100	10.0	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	100	11.3	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	100	10.0	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	100	11.0	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	100	10.0	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	100	10.0	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	200	10.0	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	100	13.1	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	100	10.0	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	100	10.0	mg/kg	U	1
2-Chlorophenol	95-57-8	U	100	10.0	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	100	10.5	mg/kg	U	1
2-methylphenol	95-48-7	U	100	12.4	mg/kg	U	1
2-Nitroaniline	88-74-4	U	200	10.4	mg/kg	U	1
2-Nitrophenol	88-75-5	U	100	10.0	mg/kg	U	1
3&4-Methylphenol		U	200	20.2	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	200	19.1	mg/kg	U	1
3-Nitroaniline	99-09-2	U	200	21.3	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	200	11.3	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	100	13.6	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	100	12.2	mg/kg	U	1
4-Chloroaniline	106-47-8	U	200	10.0	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	100	10.0	mg/kg	U	1
4-Nitroaniline	100-01-6	U	200	16.8	mg/kg	U	1
4-Nitrophenol	100-02-7	U	200	17.4	mg/kg	U	1
Acenaphthene	83-32-9	U	100	10.0	mg/kg	U	1
Acenaphthylene	208-96-8	U	100	10.0	mg/kg	U	1
Anthracene	120-12-7	U	100	13.4	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	100	10.0	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	100	10.0	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	100	10.0	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	100	10.0	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	100	10.2	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	100	10.0	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	100	10.0	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	100	10.0	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	100	11.5	mg/kg	U	1
Carbazole	86-74-8	U	100	12.3	mg/kg	U	1
Chrysene	218-01-9	U	100	10.0	mg/kg	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520952-1-BLK** Matrix: **SOLID**
Lab Sample Id: **520952-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-10-08 17:58 Analyst: KAN Date Prep: Dec-01-08 10:00 Tech: KAN
Seq Number: 743463

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)Anthracene	53-70-3	U	100	12.1	mg/kg	U	1
Dibenzofuran	132-64-9	U	100	11.1	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	100	10.0	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	100	11.4	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	100	10.0	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	100	10.0	mg/kg	U	1
Fluoranthene	206-44-0	U	100	11.0	mg/kg	U	1
Fluorene	86-73-7	U	100	10.0	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	100	10.1	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	100	10.0	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	100	10.0	mg/kg	U	1
Hexachloroethane	67-72-1	U	100	10.7	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	100	14.6	mg/kg	U	1
Isophorone	78-59-1	U	100	16.2	mg/kg	U	1
Naphthalene	91-20-3	U	100	10.7	mg/kg	U	1
Nitrobenzene	98-95-3	U	100	10.0	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	100	10.0	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	100	12.1	mg/kg	U	1
Pentachlorophenol	87-86-5	U	200	14.2	mg/kg	U	1
Phenanthrene	85-01-8	U	100	10.0	mg/kg	U	1
Phenol	108-95-2	U	100	10.0	mg/kg	U	1
Pyrene	129-00-0	U	100	11.4	mg/kg	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520953-1-BLK** Matrix: **WATER**
Lab Sample Id: **520953-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 12:49 Analyst: KAN Date Prep: Nov-25-08 15:00 Tech: 5458
Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	10.0	1.00	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	10.0	1.00	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	10.0	1.00	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	10.0	1.00	ug/L	U	1
2,4,5-Trichlorophenol	95-95-4	U	10.0	1.00	ug/L	U	1
2,4,6-Trichlorophenol	88-06-2	U	10.0	1.00	ug/L	U	1
2,4-Dichlorophenol	120-83-2	U	10.0	1.00	ug/L	U	1
2,4-Dimethylphenol	105-67-9	U	10.0	1.07	ug/L	U	1
2,4-Dinitrophenol	51-28-5	U	20.0	1.00	ug/L	U	1
2,4-Dinitrotoluene	121-14-2	U	10.0	1.00	ug/L	U	1
2,6-Dinitrotoluene	606-20-2	U	10.0	1.00	ug/L	U	1
2-Chloronaphthalene	91-58-7	U	10.0	1.00	ug/L	U	1
2-Chlorophenol	95-57-8	U	10.0	1.00	ug/L	U	1
2-Methylnaphthalene	91-57-6	U	10.0	1.09	ug/L	U	1
2-Methylphenol	95-48-7	U	10.0	1.33	ug/L	U	1
2-Nitroaniline	88-74-4	U	20.0	1.00	ug/L	U	1
2-Nitrophenol	88-75-5	U	10.0	1.00	ug/L	U	1
3&4-Methylphenol		U	20.0	1.50	ug/L	U	1
3,3-Dichlorobenzidine	91-94-1	U	20.0	2.00	ug/L	U	1
3-Nitroaniline	99-09-2	U	20.0	2.07	ug/L	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	20.0	1.21	ug/L	U	1
4-Bromophenyl-phenylether	101-55-3	U	10.0	1.00	ug/L	U	1
4-chloro-3-methylphenol	59-50-7	U	10.0	1.08	ug/L	U	1
4-Chloroaniline	106-47-8	U	20.0	1.00	ug/L	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	10.0	1.00	ug/L	U	1
4-Nitroaniline	100-01-6	U	20.0	1.05	ug/L	U	1
4-Nitrophenol	100-02-7	U	20.0	1.00	ug/L	U	1
Acenaphthene	83-32-9	U	10.0	1.00	ug/L	U	1
Acenaphthylene	208-96-8	U	10.0	1.00	ug/L	U	1
Anthracene	120-12-7	U	10.0	1.00	ug/L	U	1
Benzo(a)anthracene	56-55-3	U	10.0	1.00	ug/L	U	1
Benzo(a)pyrene	50-32-8	U	10.0	1.00	ug/L	U	1
Benzo(b)fluoranthene	205-99-2	U	10.0	1.00	ug/L	U	1
Benzo(g,h,i)perylene	191-24-2	U	10.0	1.00	ug/L	U	1
Benzo(k)fluoranthene	207-08-9	U	10.0	1.00	ug/L	U	1
bis(2-chloroethoxy) methane	111-91-1	U	10.0	1.00	ug/L	U	1
bis(2-chloroethyl) ether	111-44-4	U	10.0	1.00	ug/L	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	10.0	1.00	ug/L	U	1
Butyl benzyl phthalate	85-68-7	U	10.0	1.00	ug/L	U	1
Carbazole	86-74-8	U	10.0	1.00	ug/L	U	1
Chrysene	218-01-9	U	10.0	1.00	ug/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **520953-1-BLK** Matrix: **WATER**
Lab Sample Id: **520953-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3520C

Date Analyzed: Dec-11-08 12:49 Analyst: KAN Date Prep: Nov-25-08 15:00 Tech: 5458
Seq Number: 743502

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)anthracene	53-70-3	U	10.0	1.00	ug/L	U	1
Dibenzofuran	132-64-9	U	10.0	1.00	ug/L	U	1
Diethyl Phthalate	84-66-2	U	10.0	1.00	ug/L	U	1
Dimethyl Phthalate	131-11-3	U	10.0	1.00	ug/L	U	1
di-n-Butyl Phthalate	84-74-2	U	10.0	2.64	ug/L	U	1
di-n-Octyl Phthalate	117-84-0	U	10.0	1.00	ug/L	U	1
Fluoranthene	206-44-0	U	10.0	1.00	ug/L	U	1
Fluorene	86-73-7	U	10.0	1.00	ug/L	U	1
Hexachlorobenzene	118-74-1	U	10.0	1.00	ug/L	U	1
Hexachlorobutadiene	87-68-3	U	10.0	1.00	ug/L	U	1
Hexachlorocyclopentadiene	77-47-4	U	10.0	1.00	ug/L	U	1
Hexachloroethane	67-72-1	U	10.0	1.00	ug/L	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	10.0	1.00	ug/L	U	1
Isophorone	78-59-1	U	10.0	1.35	ug/L	U	1
Naphthalene	91-20-3	U	10.0	1.00	ug/L	U	1
Nitrobenzene	98-95-3	U	10.0	1.00	ug/L	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	10.0	1.00	ug/L	U	1
N-Nitrosodiphenylamine	86-30-6	U	10.0	1.70	ug/L	U	1
Pentachlorophenol	87-86-5	U	20.0	1.00	ug/L	U	1
Phenanthrene	85-01-8	U	10.0	1.24	ug/L	U	1
Phenol	108-95-2	U	10.0	1.00	ug/L	U	1
Pyrene	129-00-0	U	10.0	1.00	ug/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521065-1-BLK** Matrix: **WATER**
Lab Sample Id: **521065-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-12-08 19:16 Analyst: ANI Date Prep: Dec-12-08 18:15 Tech: ANI
Seq Number: 743425

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521088-1-BLK** Matrix: **WATER**
Lab Sample Id: **521088-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-14-08 18:03 Analyst: ANI Date Prep: Dec-14-08 16:31 Tech: ANI
Seq Number: 743462

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521165-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521165-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-12-08 20:10 Analyst: KAN Date Prep: Dec-08-08 14:00 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,2,4-Trichlorobenzene	120-82-1	U	100	10.0	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	100	10.0	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	100	10.0	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	100	11.3	mg/kg	U	1
2,4,5-Trichlorophenol	95-95-4	U	100	10.0	mg/kg	U	1
2,4,6-Trichlorophenol	88-06-2	U	100	11.0	mg/kg	U	1
2,4-Dichlorophenol	120-83-2	U	100	10.0	mg/kg	U	1
2,4-Dimethylphenol	105-67-9	U	100	10.0	mg/kg	U	1
2,4-Dinitrophenol	51-28-5	U	200	10.0	mg/kg	U	1
2,4-Dinitrotoluene	121-14-2	U	100	13.1	mg/kg	U	1
2,6-Dinitrotoluene	606-20-2	U	100	10.0	mg/kg	U	1
2-Chloronaphthalene	91-58-7	U	100	10.0	mg/kg	U	1
2-Chlorophenol	95-57-8	U	100	10.0	mg/kg	U	1
2-Methylnaphthalene	91-57-6	U	100	10.5	mg/kg	U	1
2-methylphenol	95-48-7	U	100	12.4	mg/kg	U	1
2-Nitroaniline	88-74-4	U	200	10.4	mg/kg	U	1
2-Nitrophenol	88-75-5	U	100	10.0	mg/kg	U	1
3&4-Methylphenol		U	200	20.2	mg/kg	U	1
3,3-Dichlorobenzidine	91-94-1	U	200	19.1	mg/kg	U	1
3-Nitroaniline	99-09-2	U	200	21.3	mg/kg	U	1
4,6-dinitro-2-methyl phenol	534-52-1	U	200	11.3	mg/kg	U	1
4-Bromophenyl-phenylether	101-55-3	U	100	13.6	mg/kg	U	1
4-chloro-3-methylphenol	59-50-7	U	100	12.2	mg/kg	U	1
4-Chloroaniline	106-47-8	U	200	10.0	mg/kg	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	U	100	10.0	mg/kg	U	1
4-Nitroaniline	100-01-6	U	200	16.8	mg/kg	U	1
4-Nitrophenol	100-02-7	U	200	17.4	mg/kg	U	1
Acenaphthene	83-32-9	U	100	10.0	mg/kg	U	1
Acenaphthylene	208-96-8	U	100	10.0	mg/kg	U	1
Anthracene	120-12-7	U	100	13.4	mg/kg	U	1
Benzo(a)anthracene	56-55-3	U	100	10.0	mg/kg	U	1
Benzo(a)pyrene	50-32-8	U	100	10.0	mg/kg	U	1
Benzo(b)fluoranthene	205-99-2	U	100	10.0	mg/kg	U	1
Benzo(g,h,i)perylene	191-24-2	U	100	10.0	mg/kg	U	1
Benzo(k)fluoranthene	207-08-9	U	100	10.2	mg/kg	U	1
bis(2-chloroethoxy) methane	111-91-1	U	100	10.0	mg/kg	U	1
bis(2-chloroethyl) ether	111-44-4	U	100	10.0	mg/kg	U	1
bis(2-ethylhexyl) phthalate	117-81-7	U	100	10.0	mg/kg	U	1
Butyl benzyl phthalate	85-68-7	U	100	11.5	mg/kg	U	1
Carbazole	86-74-8	U	100	12.3	mg/kg	U	1
Chrysene	218-01-9	U	100	10.0	mg/kg	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521165-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521165-1-BLK**

Analytical Method: TCL SVOCs by SW-846 8270C Prep Method: SW3580A

Date Analyzed: Dec-12-08 20:10 Analyst: KAN Date Prep: Dec-08-08 14:00 Tech: KAN
Seq Number: 743573

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dibenz(a,h)Anthracene	53-70-3	U	100	12.1	mg/kg	U	1
Dibenzofuran	132-64-9	U	100	11.1	mg/kg	U	1
Diethyl Phthalate	84-66-2	U	100	10.0	mg/kg	U	1
Dimethyl Phthalate	131-11-3	U	100	11.4	mg/kg	U	1
di-n-Butyl Phthalate	84-74-2	U	100	10.0	mg/kg	U	1
di-n-Octyl Phthalate	117-84-0	U	100	10.0	mg/kg	U	1
Fluoranthene	206-44-0	U	100	11.0	mg/kg	U	1
Fluorene	86-73-7	U	100	10.0	mg/kg	U	1
Hexachlorobenzene	118-74-1	U	100	10.1	mg/kg	U	1
Hexachlorobutadiene	87-68-3	U	100	10.0	mg/kg	U	1
Hexachlorocyclopentadiene	77-47-4	U	100	10.0	mg/kg	U	1
Hexachloroethane	67-72-1	U	100	10.7	mg/kg	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	U	100	14.6	mg/kg	U	1
Isophorone	78-59-1	U	100	16.2	mg/kg	U	1
Naphthalene	91-20-3	U	100	10.7	mg/kg	U	1
Nitrobenzene	98-95-3	U	100	10.0	mg/kg	U	1
N-Nitrosodi-n-Propylamine	621-64-7	U	100	10.0	mg/kg	U	1
N-Nitrosodiphenylamine	86-30-6	U	100	12.1	mg/kg	U	1
Pentachlorophenol	87-86-5	U	200	14.2	mg/kg	U	1
Phenanthrene	85-01-8	U	100	10.0	mg/kg	U	1
Phenol	108-95-2	U	100	10.0	mg/kg	U	1
Pyrene	129-00-0	U	100	11.4	mg/kg	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521275-1-BLK** Matrix: **WATER**
Lab Sample Id: **521275-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-16-08 10:38 Analyst: ANI Date Prep: Dec-16-08 09:06 Tech: ANI
Seq Number: 743725

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	0.10	0.020	mg/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521412-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521412-1-BLK**

Analytical Method: TPH (Gasoline Range Organics) by SW8015B Prep Method: SW5030B

Date Analyzed: Dec-17-08 18:24 Analyst: ANI Date Prep: Dec-17-08 16:52 Tech: ANI
Seq Number: 743961

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-GRO (Gasoline Range Organics)	GRO	U	10	1.5	mg/kg	U	50

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521564-1-BLK** Matrix: **WATER**
Lab Sample Id: **521564-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 12:05 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.0	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.0	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.0	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.0	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.0	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.0	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.0	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.0	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.0	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.0	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.0	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.0	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.0	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.0	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.0	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.0	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.0	0.26	ug/L	U	1
Acetone	67-64-1	U	2.0	0.35	ug/L	U	1
Benzene	71-43-2	U	1.0	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.0	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.0	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.0	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.0	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.0	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.0	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.0	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.0	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.0	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.0	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.0	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.0	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.0	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.0	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.0	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.0	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.0	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.0	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.0	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.0	0.11	ug/L	U	1
Methylene chloride	75-09-2	U	1.0	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.0	0.20	ug/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521564-1-BLK** Matrix: **WATER**
Lab Sample Id: **521564-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 12:05 Analyst: 4124 Date Prep: Dec-19-08 08:34 Tech: 4124
Seq Number: 744229

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	1.0	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.0	0.16	ug/L	U	1
Toluene	108-88-3	U	1.0	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.0	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.0	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.0	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.0	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.0	0.19	ug/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521565-1-BLK** Matrix: **WATER**
Lab Sample Id: **521565-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 20:52 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.0	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.0	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.0	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.0	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.0	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.0	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.0	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.0	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.0	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.0	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.0	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.0	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.0	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.0	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.0	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.0	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.0	0.26	ug/L	U	1
Acetone	67-64-1	U	2.0	0.35	ug/L	U	1
Benzene	71-43-2	U	1.0	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.0	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.0	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.0	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.0	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.0	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.0	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.0	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.0	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.0	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.0	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.0	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.0	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.0	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.0	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.0	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.0	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.0	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.0	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.0	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.0	0.11	ug/L	U	1
Methylene chloride	75-09-2	U	1.0	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.0	0.20	ug/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521565-1-BLK** Matrix: **WATER**
Lab Sample Id: **521565-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-19-08 20:52 Analyst: 4124 Date Prep: Dec-19-08 18:05 Tech: 4124
Seq Number: 744230

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	1.0	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.0	0.16	ug/L	U	1
Toluene	108-88-3	U	1.0	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.0	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.0	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.0	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.0	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.0	0.19	ug/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521666-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521666-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 10:00 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	250	38	ug/kg	U	50
1,1,2,2-Tetrachloroethane	79-34-5	U	250	59	ug/kg	U	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	250	56	ug/kg	U	50
1,1,2-Trichloroethane	79-00-5	U	250	34	ug/kg	U	50
1,1-Dichloroethane	75-34-3	U	250	40	ug/kg	U	50
1,1-Dichloroethene	75-35-4	U	250	58	ug/kg	U	50
1,2,4-Trichlorobenzene	120-82-1	U	250	44	ug/kg	U	50
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	250	81	ug/kg	U	50
1,2-Dibromoethane (EDB)	106-93-4	U	250	43	ug/kg	U	50
1,2-Dichlorobenzene	95-50-1	U	250	65	ug/kg	U	50
1,2-Dichloroethane	107-06-2	U	250	30	ug/kg	U	50
1,2-Dichloropropane	78-87-5	U	250	46	ug/kg	U	50
1,3-Dichlorobenzene	541-73-1	U	250	50	ug/kg	U	50
1,4-Dichlorobenzene	106-46-7	U	250	34	ug/kg	U	50
2-Butanone (MEK)	78-93-3	U	2500	460	ug/kg	U	50
2-Hexanone	591-78-6	U	2500	56	ug/kg	U	50
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2500	160	ug/kg	U	50
Acetone	67-64-1	U	2500	340	ug/kg	U	50
Benzene	71-43-2	U	250	26	ug/kg	U	50
Bromodichloromethane	75-27-4	U	250	25	ug/kg	U	50
Bromoform	75-25-2	U	250	48	ug/kg	U	50
Bromomethane	74-83-9	U	250	120	ug/kg	U	50
Carbon disulfide	75-15-0	U	250	73	ug/kg	U	50
Carbon tetrachloride	56-23-5	U	250	37	ug/kg	U	50
Chlorobenzene	108-90-7	U	500	29	ug/kg	U	50
Chloroethane	75-00-3	U	250	120	ug/kg	U	50
Chloroform	67-66-3	U	250	37	ug/kg	U	50
Chloromethane	74-87-3	U	250	120	ug/kg	U	50
cis-1,2-Dichloroethene	156-59-2	U	250	33	ug/kg	U	50
cis-1,3-Dichloropropene	10061-01-5	U	250	27	ug/kg	U	50
Cyclohexane	110-82-7	U	250	47	ug/kg	U	50
Dibromochloromethane	124-48-1	U	250	50	ug/kg	U	50
Dichlorodifluoromethane	75-71-8	U	250	59	ug/kg	U	50
Ethylbenzene	100-41-4	U	250	28	ug/kg	U	50
Isopropylbenzene	98-82-8	U	250	38	ug/kg	U	50
m,p-Xylenes	179601-23-1	U	500	60	ug/kg	U	50
Methyl acetate	79-20-9	U	250	47	ug/kg	U	50
Methyl tert-butyl ether	1634-04-4	U	250	35	ug/kg	U	50
Methylcyclohexane	108-87-2	U	250	55	ug/kg	U	50
Methylene chloride	75-09-2	U	250	110	ug/kg	U	50
o-Xylene	95-47-6	U	250	36	ug/kg	U	50

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521666-1-BLK** Matrix: **SOLID**
Lab Sample Id: **521666-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-22-08 10:00 Analyst: 4124 Date Prep: Dec-22-08 07:05 Tech: 4124
Seq Number: 744380

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	250	37	ug/kg	U	50
Tetrachloroethene	127-18-4	U	250	52	ug/kg	U	50
Toluene	108-88-3	U	250	29	ug/kg	U	50
trans-1,2-Dichloroethene	156-60-5	U	250	39	ug/kg	U	50
trans-1,3-Dichloropropene	10061-02-6	U	250	34	ug/kg	U	50
Trichloroethene	79-01-6	U	250	35	ug/kg	U	50
Trichlorofluoromethane	75-69-4	U	250	180	ug/kg	U	50
Vinyl chloride	75-01-4	U	250	100	ug/kg	U	50

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521877-1-BLK** Matrix: **WATER**
Lab Sample Id: **521877-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-24-08 09:44 Analyst: 4124 Date Prep: Dec-24-08 06:54 Tech: 4124
Seq Number: 744703

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	1.0	0.16	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	1.0	0.18	ug/L	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	U	1.0	0.11	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	1.0	0.25	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	1.0	0.11	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	1.0	0.20	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.0	0.17	ug/L	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	U	1.0	0.19	ug/L	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	1.0	0.18	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	1.0	0.14	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	1.0	0.18	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	1.0	0.15	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	1.0	0.17	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	1.0	0.17	ug/L	U	1
2-Butanone (MEK)	78-93-3	U	2.0	0.28	ug/L	U	1
2-Hexanone	591-78-6	U	2.0	0.32	ug/L	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	2.0	0.26	ug/L	U	1
Acetone	67-64-1	U	2.0	0.35	ug/L	U	1
Benzene	71-43-2	U	1.0	0.16	ug/L	U	1
Bromodichloromethane	75-27-4	U	1.0	0.25	ug/L	U	1
Bromoform	75-25-2	U	1.0	0.17	ug/L	U	1
Bromomethane	74-83-9	U	1.0	0.25	ug/L	U	1
Carbon disulfide	75-15-0	U	1.0	0.26	ug/L	U	1
Carbon tetrachloride	56-23-5	U	1.0	0.33	ug/L	U	1
Chlorobenzene	108-90-7	U	1.0	0.15	ug/L	U	1
Chloroethane	75-00-3	U	1.0	0.26	ug/L	U	1
Chloroform	67-66-3	U	1.0	0.16	ug/L	U	1
Chloromethane	74-87-3	U	1.0	0.25	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	1.0	0.21	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.0	0.10	ug/L	U	1
Cyclohexane	110-82-7	U	1.0	0.15	ug/L	U	1
Dibromochloromethane	124-48-1	U	1.0	0.15	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.0	0.22	ug/L	U	1
Ethylbenzene	100-41-4	U	1.0	0.19	ug/L	U	1
Isopropylbenzene	98-82-8	U	1.0	0.15	ug/L	U	1
m,p-Xylenes	179601-23-1	U	2.0	0.51	ug/L	U	1
Methyl acetate	79-20-9	U	2.0	0.26	ug/L	U	1
Methyl tert-butyl ether	1634-04-4	U	2.0	0.18	ug/L	U	1
Methylcyclohexane	108-87-2	U	1.0	0.11	ug/L	U	1
Methylene chloride	75-09-2	U	1.0	0.42	ug/L	U	1
o-Xylene	95-47-6	U	1.0	0.20	ug/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **521877-1-BLK** Matrix: **WATER**
Lab Sample Id: **521877-1-BLK**

Analytical Method: TCL VOCs by SW-846 8260B Prep Method: SW5030B

Date Analyzed: Dec-24-08 09:44 Analyst: 4124 Date Prep: Dec-24-08 06:54 Tech: 4124
Seq Number: 744703

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Styrene	100-42-5	U	1.0	0.18	ug/L	U	1
Tetrachloroethene	127-18-4	U	1.0	0.16	ug/L	U	1
Toluene	108-88-3	U	1.0	0.14	ug/L	U	1
trans-1,2-Dichloroethene	156-60-5	U	1.0	0.21	ug/L	U	1
trans-1,3-Dichloropropene	10061-02-6	U	1.0	0.11	ug/L	U	1
Trichloroethene	79-01-6	U	1.0	0.19	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	1.0	0.53	ug/L	U	1
Vinyl chloride	75-01-4	U	1.0	0.19	ug/L	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **741676-1-BLK** Matrix: **WATER**
Lab Sample Id: **741676-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Nov-25-08 18:45 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 741676

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **744717-1-BLK** Matrix: **SOLID**
Lab Sample Id: **744717-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 13:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744717

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **744718-1-BLK** Matrix: **WATER**
Lab Sample Id: **744718-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-23-08 17:00 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744718

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	N/A	Deg F		1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **744832-1-BLK** Matrix: **WATER**
Lab Sample Id: **744832-1-BLK**

Analytical Method: Flash Point (CC) SW-846 1010 Prep Method:

Date Analyzed: Dec-28-08 23:40 Analyst: 4099 Date Prep: Tech: 4099
Seq Number: 744832

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Flash Point		>140	65.0	0.001	Deg F	U	1

Blank Summary 318164

Winter Environmental, Norcross, GA

Seven Out Superfund Site

Sample Id: **8406037-1-BLK** Matrix: **SOLID**
Lab Sample Id: **8406037-1-BLK**

Analytical Method: TPH-Diesel Range Organics by SW-846 8015B Prep Method: SW3580A

Date Analyzed: Dec-29-08 11:58 Analyst: BRZ Date Prep: Dec-08-08 10:00 Tech: 4155
Seq Number: 744909

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
TPH-DRO (Diesel Range Organics)	DRO	940	3000	340	mg/kg		1

XENCO Laboratories

☐ 5757 N.W. 158th Street, Miami Lakes, Fl 33014 305-823-8500
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 223262 Page 1 of 2

Company-City: Winter Environmental **Phone:** 404 588 3300

Lab Only: WO # 318164

Proj Name-Location: Seven Out Superfund site ☐ Previously done at XENCO **Project ID:** 08040

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL (GA) LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** Brent Sasser

Fax Results to ☐ PM or **e-mail to:** bsasser@winter-environmental **Fax No:**

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to: Brent Sasser

Quote/Pricing: **P.O No:** 08040 ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

LPST No.:

Sampler Name Joe King Signature

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs BTEX-MTBE VOHs VOAs PP TCL Appdx 1 Appdx 2	Method: 8260 8021 624 524	PAHs: 8270 8100 8310 8270_SIM	TRPH by FL PRO (DRO) (GRO) MA EPH MA VPH	SVOCs: 8270 625 - (BN&AE) (TCL) (PP) (Appdx 2)	Pest. (8081 / 608) (PCBs) (8082 / 608) Herb. (8151 / 615)	EDB / DBCP (8011 / 504)	Metals: (RCRA-8) RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	Metals Methods: 6020 / 6010 / 200.8 / 7470 / 7471	SPLP - (TCLP) (Metals VOCs SVOCs) Pest. Herb. (PCBs)	FL Preburn: Virgin Non-Virgin	pH	Ignitability	Sample may be Pure acid or base					TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	TCLP HDLD		Addn:	
1	T-6	11/18/08	1120		LW	X		1				X			X	X	X		X		X		X	X	X										X			1
2	T-7	11/18/08	1130		LW	X		1				X			X	X	X		X		X		X	X	X										X			2
3	T-5	11/18/08	1145		LW	X		1				X			X	X	X		X		X		X	X	X										X			3
4	T-4	11/18/08	1155		LW	X		1				X			X	X	X		X		X		X	X	X										X			4
5	TO-13	11/18/08	1225		LW	X		3				X			X	X	X		X		X		X	X											X			5
6	DR-2	11/18/08	1325		SW	X		3				X			X	X	X		X		X		X	X											X			6
7	DR-1	11/18/08	1430		LW	X		11				X			X	X	X		X		X		X	X											X			7
8	TO-11	11/18/08	1455		LW	X		11				X			X	X	X		X		X		X	X											X			8
9	ST-01	11/18/08	1546		LW	X		11				X			X	X	X		X		X		X	X											X			9
10	ST-1(S)	11/18/08	1605		SW	X		3				X			X	X	X		X		X		X	X											X			10

	Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1	1) [signature]	1300 11/19/08	2) [signature]	11/19/08 1300
2	3)		4)	
3	5)		6)	

Total Containers per COC: Cooler Temp: 19°C

All XENCO Standard Terms and Conditions Apply.

Rush Charges are Pre-Approved upon Requesting them.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____

Matrix: Air (A), Product (P), Solid(S), Water (W) Liquid waste (LW) Solid Waste (SW)

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XENCO Laboratories

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☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

☐ Philadephia/New Jersey 610-955-5649

Serial #: 223270

Company-City: Winter Environmental **Phone:** 404 588 3300

Lab Only: WO# 318164

Proj Name-Location ☐ Previously done at XENCO: Seven Out Superfund Site **Project ID:** 08040

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** Brent Sasser

Fax Results to ☐ PM or **e-mail to:** bsasser@winter-environmental.com **Fax No:**

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to: Brent Sasser

Quote/Pricing: **P.O No:** 08040 ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

LPST No.:

Sampler Name Joe King Signature

From: Rcv by: Date Addn:

	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs BTEX-MTBE VOHs VOAs PP TCL Appdx 1 Appdx 2	Method: 8260 8021 624 524	PAHs: 8270 8100 8310 8270_SIM	TRPH by FL PRO DRO GRO MA EPH MA VPH	SVOCs: 8270 625 - (BN&AE) (TCL) (PP) (Appdx 2)	Pest. (8081 / 608) PCBs (8082 / 608) Herb. (8151 / 615)	EDB / DBCP (8011 / 504)	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	Metals Methods: 6020 / 6010 / 200.8 / 7470 / 7471	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	FL Preburn: Virgin Non-Virgin	pH	Ignitability	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	Remarks: HOLD TCLP	
1	ST-2(s)	11/18/08	1625		SW	X		3				X			X	X	X		X		X		X	X							X	1
2	~~ST~~ T-9	11/18/08	1645		LW	X		11				X			X	X	X		X		X		X	X							X	2
3	T-12	11/18/08	1700		LW	X		11				X			X	X	X		X		X		X	X							X	3
4	T-8 ~~T-15~~ DP 11/24/08	11/18/08	1725		LW	X		11				X			X	X	X		X		X		X	X							X	4
5																															X	5
6																																6
7																																7
8																																8
9																																9
10																																10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) GTM	1300 11/19/08	2)	11/19/08 1300
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 19°C

All XENCO Standard Terms and Conditions Apply.

Rush Charges are Pre-Approved upon Requesting them.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____

Matrix: Air (A), Product (P), Solid(S), Water (W) Solid Waste (SW) liquid waste (LW)

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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Winter Env.

Date/ Time: 11/19/08 1300

Lab ID # : 318164

Initials: MH

Sample Receipt Checklist

#1	Temperature of cooler?			19 c	
#2	Shipping container in good condition?	YES	No	None	
#3	Samples received on ice?	YES	No	N/A	Blue/Water
#4	Custody Seals intact on shipping container/ cooler?	Yes	No	N/A	
#5	Custody Seals intact on sample bottles/ container?	Yes	No	N/A	
#6	Chain of Custody present?	YES	No		
#7	Sample instructions complete of Chain of Custody?	YES	No		
#8	Any missing/extra samples?	Yes	NO		
#9	Chain of Custody signed when relinquished/ received?	YES	No		
#10	Chain of Custody agrees with sample label(s)?	YES	No		
#11	Container label(s) legible and intact?	YES	No		
#12	Sample matrix/ properties agree with Chain of Custody?	YES	No		
#13	Samples in proper container/ bottle?	YES	No		
#14	Samples properly preserved?	YES	No	N/A	
#15	Sample container(s) intact?	YES	No		
#16	Sufficient sample amount for indicated test(s)?	YES	No		
#17	All samples received within sufficient hold time?	YES	No		
#18	Subcontract of sample(s)?	Yes	NO		
#19	VOC samples have zero headspace?	YES	No	N/A	

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken:

Check all that Apply:

- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

APPENDIX G

TABLE OF WITNESSES
(One Page)

SEVEN OUT
TABLE OF WITNESSES

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