May 9, 2014

Mr. Rob Sparks
Anderson Corporation for Economic Development
Flagship Enterprise Center
2701 Enterprise Drive; Suite 100
Anderson, Indiana 46013

Re: Initial GM Off-Site Groundwater Observation Well Sampling Event
Mounds Lake Project
Anderson, Indiana
SESCO Project #4168

Dear Mr. Sparks:

SESCO Group (SESCO) is pleased to provide you with this summary of the initial groundwater sampling event of the remaining off-site General Motors (GM) monitoring wells. The groundwater sampling was performed as part of a risk evaluation based approach to quantify the potential impacts of identified sites with potential environmental concerns surrounding the proposed Mounds Lake footprint. The groundwater sampling was performed in accordance with the current Indiana Department of Environmental Management (IDEM) Remediation Closure Guide (RCG) technical guidance. Field investigation activities, laboratory results, and conclusions relative to the sampling event are discussed below.

Monitoring Well Sampling Procedures

On March 18 & 19th, 2014, SESCO conducted a groundwater sampling event of the remaining off-site GM groundwater observation well network (OW-09, OW-12S, OW-12D, OW-16S, OW-16D, OW-32S, OW-32D, OW-34, & OW-35; see **Figure 1**). SESCO was unable to collect groundwater samples from observation well OW-34 due to a well obstruction at approximately 17.5' below ground surface, which prevented the sampling pump to be inserted into the well. However, the static water level was able to be measured at OW-34 because the equipment is smaller than the sampling pump and was able to fit past the obstruction.

Prior to measuring the static water elevations and sampling, the well caps on all of the monitoring wells were removed and groundwater was allowed to equilibrate. The static water elevations were measured to the nearest 0.01 foot with a properly decontaminated static water level indicator and referenced to the top-of-well casing elevation. Groundwater elevations are provided in **Table 1** and the potentiometric surface is depicted in **Figure 2**.

A Site survey by a professional survey company was conducted to accurately map the locations and elevations of the monitoring wells, using the State Plane coordinate system as reference points. As shown on the potentiometric surface map (**Figure 2**), groundwater data at the Site indicates a northern flow pattern with an approximate hydraulic gradient of 0.026 feet/feet (ft/ft). The hydraulic gradient was calculated using the following equation:

$$i = d_h/d_l = (858.52 \text{ ft} - 837.17 \text{ ft})/808.38 \text{ ft} = 0.026 \text{ ft/ft}$$

where: i = hydraulic gradient (ft/ft)
d_h = difference between two (2) hydraulic heads (ft)
d_l = flow path length between the two (2) hydraulic heads (ft)

SESCO collected groundwater samples using the USEPA Low-Flow (minimal drawdown) groundwater sampling procedures (USEPA/540/S-95/504, April 1996) and IDEM guidance dated November 3, 2009. The procedure involves groundwater purging rates between 0.1 and 0.5 liter per minute while maintaining minimal drawdowns, typically less than 0.1 meters.

SESCO used a QED Sample Pro Portable Micropurge® Pump (a positive displacement submersible bladder pump) to evacuate water from the screened portion of the well to the surface apparatus. The pump is enabled by intermittent positive air pressure received via 0.25-inch poly tubing produced by a small compressor. The air pressure powers a plastic bladder and water is pushed through 0.25-inch poly tubing to a clear plastic cylindrical flow-through cell. The flow-through cell is fitted with both input water fittings and output fittings. Externally, hoses are attached to both fittings. Located at the top of the flow cell is an In-Situ Troll® 9500 Multi-Parameter Probe.

The In-Situ Troll® 9500 Multi-Parameter Probe measures groundwater geochemical parameters such as pH, temperature, specific conductance, oxidation-reduction potential (ORP), dissolved oxygen (DO) and turbidity. Water quality parameters are monitored throughout purging to verify stabilization prior to groundwater sample collection. The geochemical field parameters collected immediately prior to collecting the samples are summarized in **Table 3**.

Once the parameters have stabilized, it is assumed that the groundwater being collected is directly from the aquifer and not associated with water in the well or sandpack pore water. This task is completed with minimal disturbance to the aquifer, limiting volatilization and sediment turbidity which can introduce adsorbed compounds that can cause analytical results to be biased high.

Groundwater samples were discharged directly into laboratory-supplied containers. Sample containers were placed into a cooler containing ice and kept at or below 4 degrees Celsius (°C) pending transport to a laboratory for analysis. Proper chain-of-custody documentation was maintained at all times.

After sampling was completed at each monitoring well, the flow-through cell and the In-Situ Troll® 9500 Multi-Parameter Probe were decontaminated using Alconox® detergent and a triple water rinse. Pursuant to IDEM quality assurance/quality control (QA/QC) protocols, a trip blank and sample duplicate were also analyzed. Purge water was containerized on-Site in 55-gallon steel drums for proper disposal.

The groundwater samples from the monitoring wells located at the Site were submitted to Microbac Laboratories, Inc. (Microbac) for Volatile Organic Compounds (VOCs) analysis using USEPA Test Method 8260, Polynuclear Aromatic Hydrocarbons (PAH) analysis using USEPA Test Method 8270SIM, Polychlorinated Biphenyls (PCB) analysis using USEPA Test Method 8082, and Total Priority Pollutant Metals analysis using USEPA Test Method 6010/7470.

Groundwater Analytical Results

Laboratory analytical results for groundwater were compared to the IDEM RCG Tap Residential Screening Levels (Tap RSLs). Volatile constituents were also compared to the IDEM RCG Vapor Exposure Groundwater Residential Screening Levels (VEGWRSLs) and the IDEM RCG Vapor Exposure Groundwater Commercial/Industrial Screening Levels (VEGWISLs).

Laboratory analytical results indicate concentrations of Trichloroethene (TCE) in OW-12S, OW-16S and OW-16D are above the Tap RSL. In addition, concentrations of TCE in groundwater collected from OW-16S and OW-16D are also above the VEGWRSL. Concentrations of all other COCs in the groundwater were below their respective IDEM screening levels or their respective laboratory detection limits. Groundwater analytical results are summarized in **Tables 2.** A copy of the laboratory report with chain-of-custody documentation is included in **Appendix A**.

Conclusions

The groundwater laboratory analytical results indicate that concentrations of TCE in groundwater collected at OW-12S, OW-16S and OW-16D exceeded the Tap RSLs. Concentrations of TCE in groundwater collected from OW-16S and OW-16D also exceeded the VEGWRSLs. Concentrations of all other COCs in groundwater collected from the remaining off-site GM groundwater observation well network were below their respective laboratory detection limit and/or their respective Tap RSL.

Compared to historical sampling events conducted by other consultants since 1996, concentrations of VOCs across the remaining off-site groundwater observation well network have generally shown a stable to decreasing trend.

If you have any questions regarding this project, please contact us at 317-347-9590 ext. 26.

Sincerely,
SESCO Group

Tonia Pippin
Project Development Director

FIGURES

Figure 1 – GM Off-Site Well Location Map

Figure 2 – Potentiometric Map: March 18, 2014

Figure 3 – Groundwater Analytical Map: March 18-19, 2014

SESCO group
ENVIRONMENTAL SOLUTIONS

LEGEND

OBSERVATION WELL (BY OTHERS)

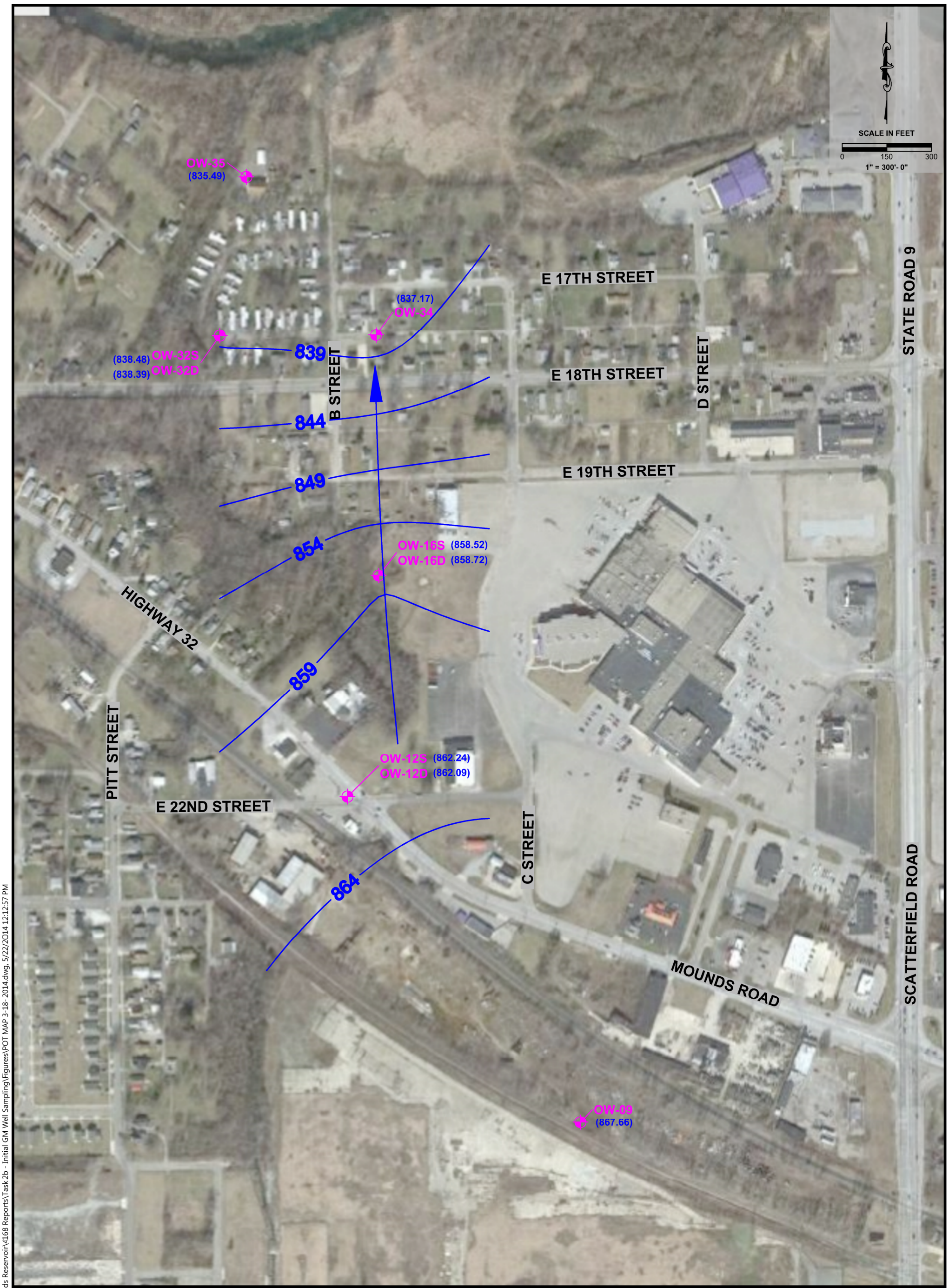
GM OFF-SITE MONITORING WELL LOCATION MAP

MOUNDS LAKE PROJECT
MADISON COUNTY
ANDERSON, INDIANA

PROJECT # 4168

FIGURE # 1

O:\Consulting\@SESCO Technical Docs\#4168 Mounds Reservoir\4168 Reports\Task 2b - Initial GM Well Sampling\Figures\GM OFF-SITE WELL LOCATION MAP.dwg, 5/22/2014 12:05:54 PM



SESCO group
ENVIRONMENTAL SOLUTIONS

LEGEND

- OBSERVATION WELL (BY OTHERS)
- (100.00) GROUNDWATER ELEVATION
- GROUNDWATER FLOW
- CONTOUR LINE

CONTOUR INTERVAL - 5 FEET

HYDRAULIC GRADIENT =
(OW-16S TO OW-34)

$i = dh/dl = \frac{858.52\ FT - 837.17\ FT}{808.38\ FT}$

$= 0.026 \frac{FT}{FT}$

POTENTIOMETRIC SURFACE MAP
MARCH 18, 2014

MOUNDS LAKE PROJECT
MADISON COUNTY
ANDERSON, INDIANA

PROJECT # 4168

FIGURE # 2

O:\Consulting\@SESCO Technical Docs\#4168 Mounds Reservoir\4168 Reports\Task 2b - Initial GM Well Sampling\Figures\POT MAP 3-18- 2014.dwg, 5/22/2014 12:12:57 PM

SESCO group
ENVIRONMENTAL SOLUTIONS

LEGEND

- OBSERVATION WELL (BY OTHERS)
- RESULTS BELOW RCG TAP RSLs
- RESULTS ABOVE RCG TAP RSLs
- RESULTS ABOVE RCG VEGWRSLs
- RESULTS ABOVE RCG VEGWISLs
- (NS) NOT SAMPLED

RCG - REMEDIATION CLOSURE GUIDE

RSL - RESIDENTIAL SCREENING LEVEL

VEGWRSL - VAPOR EXPOSURE GROUNDWATER SCREENING LEVEL

VEGWISL - VAPOR EXPOSURE GROUNDWATER COMMERCIAL / INDUSTRIAL SCREENING LEVEL

GROUNDWATER ANALYTICAL MAP
MARCH 18-19, 2014

MOUNDS LAKE PROJECT
MADISON COUNTY
ANDERSON, INDIANA

PROJECT # 4168

FIGURE # 3

O:\Consulting\@SESCO Technical Docs\#4168 Mounds Reservoir\4168 Reports\Task 2b - Initial GM Well Sampling\Figures\GW MAP 3-18-2014.dwg, 5/27/2014 5:17:24 PM

TABLES

Table 1
Groundwater Elevation Summary
Mounds Lake
3109 South Scatterfield Road
Anderson, IN
SESCO Project #4168

Well ID	Date	Screened Interval	Ground Elevation	TOC Elevation	Total Well Depth	Depth to Water	Groundwater Elevation
OW-09	3/18/2014	Unknown	886.64	890.24	36.72	22.58	867.66
OW-12S	3/18/2014	Unknown	882.70	882.38	27.88	20.14	862.24
OW-12D	3/18/2014	Unknown	882.65	882.35	44.85	20.26	862.09
OW-16S	3/18/2014	Unknown	872.43	874.61	27.79	15.99	858.62
OW-16D	3/18/2014	Unknown	872.49	874.51	47.22	15.89	858.62
OW-32S	3/18/2014	Unknown	853.45	853.24	22.27	14.76	838.48
OW-32D	3/18/2014	Unknown	853.47	853.14	65.82	14.75	838.39
OW-34	3/18/2014	Unknown	851.03	850.49	36.85	13.32	837.17
OW-35	3/18/2014	Unknown	847.13	846.22	36.68	10.73	835.49

Notes:

All measurements in feet relative to an arbitrary mean sea level.

TOC - Top of well casing.

Table 2
Groundwater Analytical Results-VOCs, PAHs, Total Priority Pollutant Metals, & PCBs
Mounds Lake
2109 South Scatterfield Road
Anderson, IN
SESCO Project #4168

Location / Sample ID	Approx. Sample Depth (feet)	Date	All results in µg/L (ppb)																	
			1,1-Dichloroethane	cis-1,2-Dichloroethene	Total 1,2-Dichloroethene	Trichloroethene (TCE)	All Other VOCs	Benzo [b]fluoranthene	Indeno[1,2,3cd]pyrene	All Other PAHs	Antimony	Cadmium	Chromium	Copper	Lead	Nickel	Selenium	Zinc	All Other Metals	All PCBs
RCG Tap RSLs			**24**	**70**	**130**	**5.0**	**Various**	**0.29**	**0.29**	**Various**	**6.0**	**5**	**100**	**1,300**	**15**	**300**	**50**	**4,700**	**Various**	**Various**
RCG VEGWRSLs			**110**	**NR**	**NR**	**9.1**	**Various**	**NR**	**NR**	**Various**	**NR**	**NR**	**NR**	**NR**	**NR**	**NR**	**NR**	**NR**	**Various**	**Various**
RCG VEGWISLs			**550**	**NR**	**NR**	**38.0**	**Various**	**NR**	**NR**	**Various**	**NR**	**NR**	**NR**	**NR**	**NR**	**NR**	**NR**	**NR**	**Various**	**Various**
OW-09	31-34	3/18/2014	<5.0	<5.0	<5.0	<5.0	BDL	<0.10	<0.020	BDL	<0.0060	<0.0010	<0.0030	**0.023**	<0.0050	**0.011**	<0.0050	<0.020	BDL	BDL
OW-12S	22-25	3/18/2014	<5.0	**5.2**	**6.3**	**7.9**	BDL	<0.10	<0.020	BDL	<0.0060	<0.0010	**0.041**	<0.0010	<0.0050	**0.016**	<0.0050	<0.020	BDL	BDL
		3/18/2014 (DUP)	<5.0	**5.1**	**6.0**	**7.4**	BDL	<0.10	<0.021	BDL	<0.0060	<0.0010	**0.036**	<0.010	<0.0050	**0.015**	<0.0050	<0.020	BDL	BDL
OW-12D	39-42	3/18/2014	<5.0	<5.0	<5.0	<5.0	BDL	<0.10	<0.021	BDL	**0.011**	**0.0033**	**0.55**	**0.062**	**0.012**	**1.000**	**0.0084**	**0.160**	BDL	BDL
OW-16S	22-25	3/18/2014	<5.0	**8.6**	**9.2**	**24**	BDL	<0.10	<0.020	BDL	<0.0060	<0.0010	<0.0030	**0.032**	<0.0050	**0.020**	<0.0050	<0.020	BDL	BDL
OW-16D	42-45	3/18/2014	**9.5**	**55**	**56**	**26**	BDL	<0.10	<0.020	BDL	<0.0060	<0.0010	**0.064**	**0.011**	<0.0050	**0.440**	<0.0050	<0.020	BDL	BDL
OW-32S	17-20	3/19/2014	<5.0	<5.0	<5.0	<5.0	BDL	<0.10	<0.021	BDL	<0.0060	<0.0010	**0.180**	**0.013**	<0.0050	**0.092**	<0.0050	**0.026**	BDL	BDL
OW-32D	60-63	3/19/2014	<5.0	<5.0	<5.0	<5.0	BDL	<0.10	<0.021	BDL	<0.0060	<0.0010	**0.047**	**0.019**	<0.0050	**0.064**	<0.0050	<0.020	BDL	BDL
OW-34	31-34	3/19/2014	Not Sampled-Well Obstruction																	
OW-35	31-34	3/19/2014	<5.0	<5.0	<5.0	<5.0	BDL	**0.11**	**0.041**	BDL	<0.0060	<0.0010	<0.0030	**0.045**	<0.0050	<0.010	<0.0050	**0.34**	**BDL**	BDL

Notes:

VOCs - Volatile organic compounds.

µg/L - Micrograms per liter.

ppb - Parts per billion.

All samples analyzed for VOCs via United States Environmental Protection Agency (USEPA) Test Method 8260.

Bold - COC concentration greater than the Indiana Departement of Environmental Management (IDEM) Remediation Closure Guide (RCG) Tap Residential Screening Levels (RSLs), March 22, 2012 (with corrections through March 1, 2013).

Bold - COC concentration greater than the IDEM RCG Vapor Exposure Groundwater Residential Screening Levels (VEGWRSLs), March 22, 2012 (with corrections through March 1, 2013).

Bold - COC concentration greater than the IDEM RCG Vapor Exposure Groundwater Commercial/Industrial Screening Levels (VEGWISLs), March 22, 2012 (with corrections through March 1, 2013).

Bold - COC concentration detected, but below the IDEM RCG Soil MTG RSLs, March 22, 2012 (with corrections through March 1, 2013).

NR - Not regulated by IDEM.

DUP - Duplicate sample.

NA - Not analyzed.

NS-Not Sampled.

BDL - Below detection level, not dectected above laboratory reporting limits.

Table 3
Groundwater Geochemical Field Parameters
Mounds Lake
2109 South Scatterfield Road
Anderson, IN
SESCO Project #4168

Location / Sample ID	Date	All results in µg/L (ppb)					
		pH	Specific Conductivity (µS/cm)	DO (mg/L)	Temperature (°C)	ORP (mV)	Turbidity (NTU)
OW-09	3/18/2014	6.99	1142.0	2.56	12.69	217	7.94
OW-12S	3/18/2014	7.02	910.4	3.68	14.17	111	6.99
OW-12D	3/18/2014	7.35	1970.0	7.08	13.18	115	7.11
OW-16S	3/18/2014	6.92	1008.0	1.14	11.46	175	9.03
OW-16D	3/18/2014	7.07	995.1	7.74	10.98	250	8.51
OW-32S	3/18/2014	7.29	985.9	2.72	6.60	223	134
OW-32D	3/18/2014	7.71	759.8	11.41	8.65	212	6.33
OW-34	3/18/2014	Not Sampled-Well Obstruction					
OW-35	3/18/2014	7.04	125.5	6.71	8.31	243	5.97

APPENDIX A

Laboratory Analytical Results and Chain-of-Custody

March 28, 2014

SESCO Group, Inc.
1426 West 29th Street
Indianapolis, IN 46208-

Work Order No.: 14C0807

Re: 4168/Mounds Lake /Anderson , IN

Dear Tonia Pippin:

Microbac Laboratories, Inc. - Chicagoland Division received 10 sample(s) on 3/20/2014 10:45:00AM for the analyses presented in the following report as Work Order 14C0807.

The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please contact your project manager. For any feedback, please contact Robert Crookston, Interim Managing Director, at robert.crookston@microbac.com.

Sincerely,
Microbac Laboratories, Inc.

Kristen Gehlbach
Senior Project Manager

5713 W. 85th Street, Indianapolis, IN 46278-1672 TEL.800.466.5577 TEL.317.872.1375 FAX.317.872.1379

WORK ORDER SAMPLE SUMMARY

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Project: 4168/Mounds Lake /Anderson , IN
Lab Order: 14C0807

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
14C0807-01	OW-16D		03/18/2014 13:50	3/20/2014 10:45:00AM
14C0807-02	OW-16S		03/18/2014 14:40	3/20/2014 10:45:00AM
14C0807-03	OW-09		03/18/2014 15:45	3/20/2014 10:45:00AM
14C0807-04	OW-12		03/18/2014 17:00	3/20/2014 10:45:00AM
14C0807-05	OW-12D		03/18/2014 18:40	3/20/2014 10:45:00AM
14C0807-06	OW-35		03/19/2014 09:05	3/20/2014 10:45:00AM
14C0807-07	OW-32D		03/19/2014 10:35	3/20/2014 10:45:00AM
14C0807-08	OW-32S		03/19/2014 11:55	3/20/2014 10:45:00AM
14C0807-09	DUPLICATE		03/19/2014 00:00	3/20/2014 10:45:00AM
14C0807-10	TRIP BLANK		03/19/2014 00:00	3/20/2014 10:45:00AM

5713 W. 85th Street, Indianapolis, IN 46278-1672 TEL.800.466.5577 TEL.317.872.1375 FAX.317.872.1379

CASE NARRATIVE

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Project: 4168/Mounds Lake /Anderson , IN
Lab Order: 14C0807

The Laboratory Control Sample associated with the samples failed the acceptance criteria for Selenium. This is considered insignificant, as the bias was high yet the sample concentrations were below the reporting limit.

The Laboratory Control Sample associated with the samples failed the acceptance criteria for Acrolein . This is considered insignificant, as the bias was high yet the sample concentrations were below the reporting limit.

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-16D
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-01
Sampled: 03/18/2014 13:50
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls			Method: **SW-846 8082** Prep Method: **40CFR136**					Analyst: **als** Prep Date/Time: **03/24/2014 09:15**
Aroclor 1016	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 11:09
Aroclor 1221	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 11:09
Aroclor 1232	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 11:09
Aroclor 1242	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 11:09
Aroclor 1248	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 11:09
Aroclor 1254	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 11:09
Aroclor 1260	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 11:09
Aroclor 1262	**kn**	A	***ND***	0.50		µg/L	1	03/25/2014 11:09
Aroclor 1268	**kn**	A	***ND***	0.50		µg/L	1	03/25/2014 11:09
Total PCB's	**kn**	A	***ND***	0.50		µg/L	1	03/25/2014 11:09
Surr: Decachlorobiphenyl		S	70.0	26-116		%REC	1	03/25/2014 11:09
Surr: Tetrachloro-m-xylene		S	70.0	40-130		%REC	1	03/25/2014 11:09
LL Polynuclear Aromatic Hydrocarbons by GC/MS			Method: **SW-846 8270C** Prep Method: **40CFR136**					Analyst: **BRR** Prep Date/Time: **03/21/2014 08:20**
Acenaphthene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 20:32
Acenaphthylene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 20:32
Anthracene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 20:32
Benzo[a]anthracene	**cgkn**	A	***ND***	0.10		µg/L	1	03/22/2014 20:32
Benzo[a]pyrene	**cgkn**	A	***ND***	0.10		µg/L	1	03/22/2014 20:32
Benzo[b]fluoranthene	**cgkn**	A	***ND***	0.10		µg/L	1	03/22/2014 20:32
Benzo[g,h,i]perylene	**cgkn**	A	***ND***	0.20		µg/L	1	03/22/2014 20:32
Benzo[k]fluoranthene	**cgkn**	A	***ND***	0.10		µg/L	1	03/22/2014 20:32
Chrysene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 20:32
Dibenz[a,h]anthracene	**cgkn**	A	***ND***	0.10		µg/L	1	03/22/2014 20:32
Fluoranthene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 20:32
Fluorene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 20:32
Indeno[1,2,3cd]pyrene	**cgkn**	A	***ND***	0.020		µg/L	1	03/22/2014 20:32
Naphthalene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 20:32
Phenanthrene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 20:32
Pyrene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 20:32
Surr: 2-Fluorobiphenyl		S	52.4	10-110		%REC	1	03/22/2014 20:32
Surr: Nitrobenzene-d5		S	61.7	10-110		%REC	1	03/22/2014 20:32
Surr: Terphenyl-d14		S	65.1	16.8-110		%REC	1	03/22/2014 20:32
Volatile Organic Compounds			Method: **SW-846 8260B**					Analyst: **ppm** Prep Date/Time: **03/26/2014 14:30**
1,1,1,2-Tetrachloroethane	**cgkn**	A	***ND***	10		µg/L	1	03/26/2014 18:12
1,1,1-Trichloroethane	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
1,1,2,2-Tetrachloroethane	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
1,1,2-Trichloroethane	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
1,1-Dichloroethane	**cgkn**	A	***9.5***	5.0		µg/L	1	03/26/2014 18:12
1,1-Dichloroethene	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 18:12

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-16D
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-01
Sampled: 03/18/2014 13:50
Received: 03/20/2014 10:45

Method: **SW-846 8260B**
Analyst: **ppm**
Prep Date/Time: **03/26/2014 14:30**

Volatile Organic Compounds

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
1,2-Dichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
1,2-Dichloropropane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
2-Butanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:12
2-Hexanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:12
4-Methyl-2-Pentanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:12
Acetone	cgkn	A	***ND***	50		µg/L	1	03/26/2014 18:12
Acrolein	cgkn	A	***ND***	100		µg/L	1	03/26/2014 18:12
Acrylonitrile	cgkn	A	***ND***	100		µg/L	1	03/26/2014 18:12
Benzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
Bromodichloromethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
Bromoform	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
Bromomethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:12
Carbon Disulfide	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:12
Carbon tetrachloride	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
Chlorobenzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
Chloroethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:12
Chloroform	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
Chloromethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:12
cis-1,2-Dichloroethene	cgkn	A	***55***	5.0		µg/L	1	03/26/2014 18:12
cis-1,3-Dichloropropene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
Dibromochloromethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
Ethylbenzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
m,p-Xylene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
Methylene chloride	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:12
Methyl-t-Butyl Ether	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
o-Xylene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
Styrene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
Tetrachloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
Toluene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
trans-1,2-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
trans-1,3-Dichloropropene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:12
Trichloroethene	cgkn	A	***26***	5.0		µg/L	1	03/26/2014 18:12
Trichlorofluoromethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:12
Vinyl Acetate	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:12
Vinyl chloride	cgkn	A	***ND***	2.0		µg/L	1	03/26/2014 18:12
Total 1,2-Dichloroethene	kn	M	***56***	5.0		µg/L	1	03/26/2014 18:12
Total Xylenes	cgkn	M	***ND***	5.0		µg/L	1	03/26/2014 18:12
Surr: 1,2-Dichloroethane-d4		S	97.5	74.5-132		%REC	1	03/26/2014 18:12
Surr: 4-Bromofluorobenzene		S	86.4	80-120		%REC	1	03/26/2014 18:12
Surr: Dibromofluoromethane		S	97.0	80-120		%REC	1	03/26/2014 18:12
Surr: Toluene-d8		S	99.8	80-120		%REC	1	03/26/2014 18:12

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-16D
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-01
Sampled: 03/18/2014 13:50
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Total Metals by ICP/MS			Method: **SW-846 6020A** Prep Method: **SW846 3005A**				Analyst: **RPL** Prep Date/Time: **03/21/2014 08:11**	
Antimony	**cgkn**	A	***ND***	0.0060		mg/L	5	03/25/2014 15:18
Arsenic	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 15:18
Beryllium	**cgk**	A	***ND***	0.0010		mg/L	5	03/25/2014 15:18
Cadmium	**cgkn**	A	***ND***	0.0010		mg/L	5	03/25/2014 15:18
Chromium	**cgkn**	A	***0.064***	0.0030		mg/L	5	03/25/2014 15:18
Copper	**cgkn**	A	***0.011***	0.010		mg/L	5	03/25/2014 15:18
Lead	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 15:18
Nickel	**cgkn**	A	***0.44***	0.010		mg/L	5	03/25/2014 15:18
Selenium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 15:18
Silver	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 15:18
Thallium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 15:18
Zinc	**cgkn**	A	***ND***	0.020		mg/L	5	03/25/2014 15:18
Total Mercury by CVAA			Method: **SW-846 7470A** Prep Method: **SW-846 7470**				Analyst: **RPL** Prep Date/Time: **03/25/2014 09:55**	
Mercury	**cgkn**	A	***ND***	0.00020		mg/L	1	03/25/2014 14:59

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Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-16S
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-02
Sampled: 03/18/2014 14:40
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls			Method: **SW-846 8082** Prep Method: **40CFR136**					Analyst: **als** Prep Date/Time: **03/24/2014 09:15**
Aroclor 1016	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:34
Aroclor 1221	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:34
Aroclor 1232	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:34
Aroclor 1242	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:34
Aroclor 1248	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:34
Aroclor 1254	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:34
Aroclor 1260	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:34
Aroclor 1262	kn	A	***ND***	0.50		µg/L	1	03/25/2014 11:34
Aroclor 1268	kn	A	***ND***	0.50		µg/L	1	03/25/2014 11:34
Total PCB's	kn	A	***ND***	0.50		µg/L	1	03/25/2014 11:34
Surr: Decachlorobiphenyl		S	70.0	26-116		%REC	1	03/25/2014 11:34
Surr: Tetrachloro-m-xylene		S	75.0	40-130		%REC	1	03/25/2014 11:34
LL Polynuclear Aromatic Hydrocarbons by GC/MS			Method: **SW-846 8270C** Prep Method: **40CFR136**					Analyst: **BRR** Prep Date/Time: **03/21/2014 08:20**
Acenaphthene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 20:49
Acenaphthylene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 20:49
Anthracene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 20:49
Benzo[a]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 20:49
Benzo[a]pyrene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 20:49
Benzo[b]fluoranthene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 20:49
Benzo[g,h,i]perylene	cgkn	A	***ND***	0.20		µg/L	1	03/22/2014 20:49
Benzo[k]fluoranthene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 20:49
Chrysene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 20:49
Dibenz[a,h]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 20:49
Fluoranthene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 20:49
Fluorene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 20:49
Indeno[1,2,3cd]pyrene	cgkn	A	***ND***	0.020		µg/L	1	03/22/2014 20:49
Naphthalene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 20:49
Phenanthrene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 20:49
Pyrene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 20:49
Surr: 2-Fluorobiphenyl		S	53.4	10-110		%REC	1	03/22/2014 20:49
Surr: Nitrobenzene-d5		S	61.4	10-110		%REC	1	03/22/2014 20:49
Surr: Terphenyl-d14		S	68.3	16.8-110		%REC	1	03/22/2014 20:49
Volatile Organic Compounds			Method: **SW-846 8260B**					Analyst: **ppm** Prep Date/Time: **03/26/2014 14:30**
1,1,1,2-Tetrachloroethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:42
1,1,1-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
1,1,2,2-Tetrachloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
1,1,2-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
1,1-Dichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
1,1-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-16S
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-02
Sampled: 03/18/2014 14:40
Received: 03/20/2014 10:45

Method: **SW-846 8260B**
Analyst: **ppm**
Prep Date/Time: **03/26/2014 14:30**

Volatile Organic Compounds

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
1,2-Dichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
1,2-Dichloropropane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
2-Butanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:42
2-Hexanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:42
4-Methyl-2-Pentanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:42
Acetone	cgkn	A	***ND***	50		µg/L	1	03/26/2014 18:42
Acrolein	cgkn	A	***ND***	100		µg/L	1	03/26/2014 18:42
Acrylonitrile	cgkn	A	***ND***	100		µg/L	1	03/26/2014 18:42
Benzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
Bromodichloromethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
Bromoform	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
Bromomethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:42
Carbon Disulfide	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:42
Carbon tetrachloride	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
Chlorobenzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
Chloroethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:42
Chloroform	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
Chloromethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:42
cis-1,2-Dichloroethene	cgkn	A	***8.6***	5.0		µg/L	1	03/26/2014 18:42
cis-1,3-Dichloropropene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
Dibromochloromethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
Ethylbenzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
m,p-Xylene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
Methylene chloride	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:42
Methyl-t-Butyl Ether	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
o-Xylene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
Styrene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
Tetrachloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
Toluene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
trans-1,2-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
trans-1,3-Dichloropropene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 18:42
Trichloroethene	cgkn	A	***24***	5.0		µg/L	1	03/26/2014 18:42
Trichlorofluoromethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:42
Vinyl Acetate	cgkn	A	***ND***	10		µg/L	1	03/26/2014 18:42
Vinyl chloride	cgkn	A	***ND***	2.0		µg/L	1	03/26/2014 18:42
Total 1,2-Dichloroethene	kn	M	***9.2***	5.0		µg/L	1	03/26/2014 18:42
Total Xylenes	cgkn	M	***ND***	5.0		µg/L	1	03/26/2014 18:42
Surr: 1,2-Dichloroethane-d4		S	98.8	74.5-132		%REC	1	03/26/2014 18:42
Surr: 4-Bromofluorobenzene		S	87.6	80-120		%REC	1	03/26/2014 18:42
Surr: Dibromofluoromethane		S	97.7	80-120		%REC	1	03/26/2014 18:42
Surr: Toluene-d8		S	100	80-120		%REC	1	03/26/2014 18:42

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-16S
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-02
Sampled: 03/18/2014 14:40
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Total Metals by ICP/MS			Method: **SW-846 6020A** Prep Method: **SW846 3005A**				Analyst: **RPL** Prep Date/Time: **03/21/2014 08:11**	
Antimony	**cgkn**	A	***ND***	0.0060		mg/L	5	03/25/2014 15:24
Arsenic	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 15:24
Beryllium	**cgk**	A	***ND***	0.0010		mg/L	5	03/25/2014 15:24
Cadmium	**cgkn**	A	***ND***	0.0010		mg/L	5	03/25/2014 15:24
Chromium	**cgkn**	A	***ND***	0.0030		mg/L	5	03/25/2014 15:24
Copper	**cgkn**	A	***0.032***	0.010		mg/L	5	03/25/2014 15:24
Lead	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 15:24
Nickel	**cgkn**	A	***0.020***	0.010		mg/L	5	03/25/2014 15:24
Selenium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 15:24
Silver	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 15:24
Thallium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 15:24
Zinc	**cgkn**	A	***ND***	0.020		mg/L	5	03/25/2014 15:24
Total Mercury by CVAA			Method: **SW-846 7470A** Prep Method: **SW-846 7470**				Analyst: **RPL** Prep Date/Time: **03/25/2014 09:55**	
Mercury	**cgkn**	A	***ND***	0.00020		mg/L	1	03/25/2014 15:05

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Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-09
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-03
Sampled: 03/18/2014 15:45
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls			Method: **SW-846 8082** Prep Method: **40CFR136**					Analyst: **als** Prep Date/Time: **03/24/2014 09:15**
Aroclor 1016	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:59
Aroclor 1221	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:59
Aroclor 1232	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:59
Aroclor 1242	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:59
Aroclor 1248	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:59
Aroclor 1254	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:59
Aroclor 1260	cgkn	A	***ND***	0.50		µg/L	1	03/25/2014 11:59
Aroclor 1262	kn	A	***ND***	0.50		µg/L	1	03/25/2014 11:59
Aroclor 1268	kn	A	***ND***	0.50		µg/L	1	03/25/2014 11:59
Total PCB's	kn	A	***ND***	0.50		µg/L	1	03/25/2014 11:59
Surr: Decachlorobiphenyl		S	65.0	26-116		%REC	1	03/25/2014 11:59
Surr: Tetrachloro-m-xylene		S	70.0	40-130		%REC	1	03/25/2014 11:59
LL Polynuclear Aromatic Hydrocarbons by GC/MS			Method: **SW-846 8270C** Prep Method: **40CFR136**					Analyst: **BRR** Prep Date/Time: **03/21/2014 08:20**
Acenaphthene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 21:06
Acenaphthylene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 21:06
Anthracene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 21:06
Benzo[a]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:06
Benzo[a]pyrene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:06
Benzo[b]fluoranthene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:06
Benzo[g,h,i]perylene	cgkn	A	***ND***	0.20		µg/L	1	03/22/2014 21:06
Benzo[k]fluoranthene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:06
Chrysene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 21:06
Dibenz[a,h]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:06
Fluoranthene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 21:06
Fluorene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 21:06
Indeno[1,2,3cd]pyrene	cgkn	A	***ND***	0.020		µg/L	1	03/22/2014 21:06
Naphthalene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 21:06
Phenanthrene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 21:06
Pyrene	cgkn	A	***ND***	0.50		µg/L	1	03/22/2014 21:06
Surr: 2-Fluorobiphenyl		S	54.3	10-110		%REC	1	03/22/2014 21:06
Surr: Nitrobenzene-d5		S	63.2	10-110		%REC	1	03/22/2014 21:06
Surr: Terphenyl-d14		S	66.2	16.8-110		%REC	1	03/22/2014 21:06
Volatile Organic Compounds			Method: **SW-846 8260B**					Analyst: **ppm** Prep Date/Time: **03/26/2014 14:30**
1,1,1,2-Tetrachloroethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 19:12
1,1,1-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
1,1,2,2-Tetrachloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
1,1,2-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
1,1-Dichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
1,1-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-09
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-03
Sampled: 03/18/2014 15:45
Received: 03/20/2014 10:45

Method: **SW-846 8260B**
Analyst: **ppm**
Prep Date/Time: **03/26/2014 14:30**

Volatile Organic Compounds

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
1,2-Dichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
1,2-Dichloropropane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
2-Butanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 19:12
2-Hexanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 19:12
4-Methyl-2-Pentanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 19:12
Acetone	cgkn	A	***ND***	50		µg/L	1	03/26/2014 19:12
Acrolein	cgkn	A	***ND***	100		µg/L	1	03/26/2014 19:12
Acrylonitrile	cgkn	A	***ND***	100		µg/L	1	03/26/2014 19:12
Benzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Bromodichloromethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Bromoform	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Bromomethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 19:12
Carbon Disulfide	cgkn	A	***ND***	10		µg/L	1	03/26/2014 19:12
Carbon tetrachloride	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Chlorobenzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Chloroethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 19:12
Chloroform	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Chloromethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 19:12
cis-1,2-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
cis-1,3-Dichloropropene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Dibromochloromethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Ethylbenzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
m,p-Xylene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Methylene chloride	cgkn	A	***ND***	10		µg/L	1	03/26/2014 19:12
Methyl-t-Butyl Ether	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
o-Xylene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Styrene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Tetrachloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Toluene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
trans-1,2-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
trans-1,3-Dichloropropene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Trichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 19:12
Trichlorofluoromethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 19:12
Vinyl Acetate	cgkn	A	***ND***	10		µg/L	1	03/26/2014 19:12
Vinyl chloride	cgkn	A	***ND***	2.0		µg/L	1	03/26/2014 19:12
Total 1,2-Dichloroethene	kn	M	***ND***	5.0		µg/L	1	03/26/2014 19:12
Total Xylenes	cgkn	M	***ND***	5.0		µg/L	1	03/26/2014 19:12
Surr: 1,2-Dichloroethane-d4		S	98.1	74.5-132		%REC	1	03/26/2014 19:12
Surr: 4-Bromofluorobenzene		S	86.9	80-120		%REC	1	03/26/2014 19:12
Surr: Dibromofluoromethane		S	96.9	80-120		%REC	1	03/26/2014 19:12
Surr: Toluene-d8		S	100	80-120		%REC	1	03/26/2014 19:12

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-09
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-03
Sampled: 03/18/2014 15:45
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Total Metals by ICP/MS			Method: **SW-846 6020A** Prep Method: **SW846 3005A**					Analyst: **RPL** Prep Date/Time: **03/21/2014 08:11**
Antimony	**cgkn**	A	***ND***	0.0060		mg/L	5	03/25/2014 15:30
Arsenic	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 15:30
Beryllium	**cgk**	A	***ND***	0.0010		mg/L	5	03/25/2014 15:30
Cadmium	**cgkn**	A	***ND***	0.0010		mg/L	5	03/25/2014 15:30
Chromium	**cgkn**	A	***ND***	0.0030		mg/L	5	03/25/2014 15:30
Copper	**cgkn**	A	***0.023***	0.010		mg/L	5	03/25/2014 15:30
Lead	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 15:30
Nickel	**cgkn**	A	***0.011***	0.010		mg/L	5	03/25/2014 15:30
Selenium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 15:30
Silver	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 15:30
Thallium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 15:30
Zinc	**cgkn**	A	***ND***	0.020		mg/L	5	03/25/2014 15:30
Total Mercury by CVAA			Method: **SW-846 7470A** Prep Method: **SW-846 7470**					Analyst: **RPL** Prep Date/Time: **03/25/2014 09:55**
Mercury	**cgkn**	A	***ND***	0.00020		mg/L	1	03/25/2014 15:06

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Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-12
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-04
Sampled: 03/18/2014 17:00
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls			Method: **SW-846 8082** Prep Method: **40CFR136**					Analyst: **als** Prep Date/Time: **03/24/2014 09:15**
Aroclor 1016	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 12:24
Aroclor 1221	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 12:24
Aroclor 1232	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 12:24
Aroclor 1242	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 12:24
Aroclor 1248	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 12:24
Aroclor 1254	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 12:24
Aroclor 1260	**cgkn**	A	***ND***	0.50		µg/L	1	03/25/2014 12:24
Aroclor 1262	**kn**	A	***ND***	0.50		µg/L	1	03/25/2014 12:24
Aroclor 1268	**kn**	A	***ND***	0.50		µg/L	1	03/25/2014 12:24
Total PCB's	**kn**	A	***ND***	0.50		µg/L	1	03/25/2014 12:24
Surr: Decachlorobiphenyl		S	60.0	26-116		%REC	1	03/25/2014 12:24
Surr: Tetrachloro-m-xylene		S	70.0	40-130		%REC	1	03/25/2014 12:24
LL Polynuclear Aromatic Hydrocarbons by GC/MS			Method: **SW-846 8270C** Prep Method: **40CFR136**					Analyst: **BRR** Prep Date/Time: **03/21/2014 08:20**
Acenaphthene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 21:23
Acenaphthylene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 21:23
Anthracene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 21:23
Benzo[a]anthracene	**cgkn**	A	***ND***	0.10		µg/L	1	03/22/2014 21:23
Benzo[a]pyrene	**cgkn**	A	***ND***	0.10		µg/L	1	03/22/2014 21:23
Benzo[b]fluoranthene	**cgkn**	A	***ND***	0.10		µg/L	1	03/22/2014 21:23
Benzo[g,h,i]perylene	**cgkn**	A	***ND***	0.20		µg/L	1	03/22/2014 21:23
Benzo[k]fluoranthene	**cgkn**	A	***ND***	0.10		µg/L	1	03/22/2014 21:23
Chrysene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 21:23
Dibenz[a,h]anthracene	**cgkn**	A	***ND***	0.10		µg/L	1	03/22/2014 21:23
Fluoranthene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 21:23
Fluorene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 21:23
Indeno[1,2,3cd]pyrene	**cgkn**	A	***ND***	0.020		µg/L	1	03/22/2014 21:23
Naphthalene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 21:23
Phenanthrene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 21:23
Pyrene	**cgkn**	A	***ND***	0.50		µg/L	1	03/22/2014 21:23
Surr: 2-Fluorobiphenyl		S	48.7	10-110		%REC	1	03/22/2014 21:23
Surr: Nitrobenzene-d5		S	59.7	10-110		%REC	1	03/22/2014 21:23
Surr: Terphenyl-d14		S	56.6	16.8-110		%REC	1	03/22/2014 21:23
Volatile Organic Compounds			Method: **SW-846 8260B**					Analyst: **ppm** Prep Date/Time: **03/26/2014 14:30**
1,1,1,2-Tetrachloroethane	**cgkn**	A	***ND***	10		µg/L	1	03/26/2014 19:42
1,1,1-Trichloroethane	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
1,1,2,2-Tetrachloroethane	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
1,1,2-Trichloroethane	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
1,1-Dichloroethane	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
1,1-Dichloroethene	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-12
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-04
Sampled: 03/18/2014 17:00
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
			Method: **SW-846 8260B**				Analyst: **ppm**	
Volatile Organic Compounds							Prep Date/Time: **03/26/2014 14:30**	
1,2-Dichloroethane	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
1,2-Dichloropropane	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
2-Butanone	**cgkn**	A	***ND***	10		µg/L	1	03/26/2014 19:42
2-Hexanone	**cgkn**	A	***ND***	10		µg/L	1	03/26/2014 19:42
4-Methyl-2-Pentanone	**cgkn**	A	***ND***	10		µg/L	1	03/26/2014 19:42
Acetone	**cgkn**	A	***ND***	50		µg/L	1	03/26/2014 19:42
Acrolein	**cgkn**	A	***ND***	100		µg/L	1	03/26/2014 19:42
Acrylonitrile	**cgkn**	A	***ND***	100		µg/L	1	03/26/2014 19:42
Benzene	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
Bromodichloromethane	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
Bromoform	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
Bromomethane	**cgkn**	A	***ND***	10		µg/L	1	03/26/2014 19:42
Carbon Disulfide	**cgkn**	A	***ND***	10		µg/L	1	03/26/2014 19:42
Carbon tetrachloride	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
Chlorobenzene	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
Chloroethane	**cgkn**	A	***ND***	10		µg/L	1	03/26/2014 19:42
Chloroform	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
Chloromethane	**cgkn**	A	***ND***	10		µg/L	1	03/26/2014 19:42
cis-1,2-Dichloroethene	**cgkn**	A	***5.2***	5.0		µg/L	1	03/26/2014 19:42
cis-1,3-Dichloropropene	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
Dibromochloromethane	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
Ethylbenzene	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
m,p-Xylene	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
Methylene chloride	**cgkn**	A	***ND***	10		µg/L	1	03/26/2014 19:42
Methyl-t-Butyl Ether	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
o-Xylene	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
Styrene	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
Tetrachloroethene	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
Toluene	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
trans-1,2-Dichloroethene	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
trans-1,3-Dichloropropene	**cgkn**	A	***ND***	5.0		µg/L	1	03/26/2014 19:42
Trichloroethene	**cgkn**	A	***7.9***	5.0		µg/L	1	03/26/2014 19:42
Trichlorofluoromethane	**cgkn**	A	***ND***	10		µg/L	1	03/26/2014 19:42
Vinyl Acetate	**cgkn**	A	***ND***	10		µg/L	1	03/26/2014 19:42
Vinyl chloride	**cgkn**	A	***ND***	2.0		µg/L	1	03/26/2014 19:42
Total 1,2-Dichloroethene	**kn**	M	***6.3***	5.0		µg/L	1	03/26/2014 19:42
Total Xylenes	**cgkn**	M	***ND***	5.0		µg/L	1	03/26/2014 19:42
Surr: 1,2-Dichloroethane-d4		S	98.2	74.5-132		%REC	1	03/26/2014 19:42
Surr: 4-Bromofluorobenzene		S	86.0	80-120		%REC	1	03/26/2014 19:42
Surr: Dibromofluoromethane		S	97.6	80-120		%REC	1	03/26/2014 19:42
Surr: Toluene-d8		S	100	80-120		%REC	1	03/26/2014 19:42

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-12
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-04
Sampled: 03/18/2014 17:00
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Total Metals by ICP/MS			Method: **SW-846 6020A** Prep Method: **SW846 3005A**					Analyst: **RPL** Prep Date/Time: **03/21/2014 08:11**
Antimony	**cgkn**	A	***ND***	0.0060		mg/L	5	03/25/2014 15:36
Arsenic	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 15:36
Beryllium	**cgk**	A	***ND***	0.0010		mg/L	5	03/25/2014 15:36
Cadmium	**cgkn**	A	***ND***	0.0010		mg/L	5	03/25/2014 15:36
Chromium	**cgkn**	A	***0.041***	0.0030		mg/L	5	03/25/2014 15:36
Copper	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 15:36
Lead	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 15:36
Nickel	**cgkn**	A	***0.016***	0.010		mg/L	5	03/25/2014 15:36
Selenium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 15:36
Silver	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 15:36
Thallium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 15:36
Zinc	**cgkn**	A	***ND***	0.020		mg/L	5	03/25/2014 15:36
Total Mercury by CVAA			Method: **SW-846 7470A** Prep Method: **SW-846 7470**					Analyst: **RPL** Prep Date/Time: **03/25/2014 09:55**
Mercury	**cgkn**	A	***ND***	0.00020		mg/L	1	03/25/2014 15:07

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Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-12D
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-05
Sampled: 03/18/2014 18:40
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls			Method: **SW-846 8082** Prep Method: **40CFR136**					Analyst: **als** Prep Date/Time: **03/24/2014 09:15**
Aroclor 1016	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 12:49
Aroclor 1221	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 12:49
Aroclor 1232	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 12:49
Aroclor 1242	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 12:49
Aroclor 1248	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 12:49
Aroclor 1254	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 12:49
Aroclor 1260	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 12:49
Aroclor 1262	kn	A	***ND***	0.52		µg/L	1	03/25/2014 12:49
Aroclor 1268	kn	A	***ND***	0.52		µg/L	1	03/25/2014 12:49
Total PCB's	kn	A	***ND***	0.52		µg/L	1	03/25/2014 12:49
Surr: Decachlorobiphenyl		S	55.0	26-116		%REC	1	03/25/2014 12:49
Surr: Tetrachloro-m-xylene		S	75.0	40-130		%REC	1	03/25/2014 12:49
LL Polynuclear Aromatic Hydrocarbons by GC/MS			Method: **SW-846 8270C** Prep Method: **40CFR136**					Analyst: **BRR** Prep Date/Time: **03/21/2014 08:20**
Acenaphthene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:39
Acenaphthylene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:39
Anthracene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:39
Benzo[a]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:39
Benzo[a]pyrene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:39
Benzo[b]fluoranthene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:39
Benzo[g,h,i]perylene	cgkn	A	***ND***	0.21		µg/L	1	03/22/2014 21:39
Benzo[k]fluoranthene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:39
Chrysene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:39
Dibenz[a,h]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:39
Fluoranthene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:39
Fluorene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:39
Indeno[1,2,3cd]pyrene	cgkn	A	***ND***	0.021		µg/L	1	03/22/2014 21:39
Naphthalene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:39
Phenanthrene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:39
Pyrene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:39
Surr: 2-Fluorobiphenyl		S	48.3	10-110		%REC	1	03/22/2014 21:39
Surr: Nitrobenzene-d5		S	58.3	10-110		%REC	1	03/22/2014 21:39
Surr: Terphenyl-d14		S	63.6	16.8-110		%REC	1	03/22/2014 21:39
Volatile Organic Compounds			Method: **SW-846 8260B**					Analyst: **ppm** Prep Date/Time: **03/26/2014 14:30**
1,1,1,2-Tetrachloroethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 20:12
1,1,1-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 20:12
1,1,2,2-Tetrachloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 20:12
1,1,2-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 20:12
1,1-Dichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 20:12
1,1-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 20:12

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-12D
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-05
Sampled: 03/18/2014 18:40
Received: 03/20/2014 10:45

Method: **SW-846 8260B**
Analyst: **ppm**
Prep Date/Time: **03/26/2014 14:30**

Volatile Organic Compounds

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
1,2-Dichloroethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
1,2-Dichloropropane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
2-Butanone	cgkn	A	ND	10		µg/L	1	03/26/2014 20:12
2-Hexanone	cgkn	A	ND	10		µg/L	1	03/26/2014 20:12
4-Methyl-2-Pentanone	cgkn	A	ND	10		µg/L	1	03/26/2014 20:12
Acetone	cgkn	A	ND	50		µg/L	1	03/26/2014 20:12
Acrolein	cgkn	A	ND	100		µg/L	1	03/26/2014 20:12
Acrylonitrile	cgkn	A	ND	100		µg/L	1	03/26/2014 20:12
Benzene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Bromodichloromethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Bromoform	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Bromomethane	cgkn	A	ND	10		µg/L	1	03/26/2014 20:12
Carbon Disulfide	cgkn	A	ND	10		µg/L	1	03/26/2014 20:12
Carbon tetrachloride	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Chlorobenzene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Chloroethane	cgkn	A	ND	10		µg/L	1	03/26/2014 20:12
Chloroform	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Chloromethane	cgkn	A	ND	10		µg/L	1	03/26/2014 20:12
cis-1,2-Dichloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
cis-1,3-Dichloropropene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Dibromochloromethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Ethylbenzene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
m,p-Xylene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Methylene chloride	cgkn	A	ND	10		µg/L	1	03/26/2014 20:12
Methyl-t-Butyl Ether	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
o-Xylene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Styrene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Tetrachloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Toluene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
trans-1,2-Dichloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
trans-1,3-Dichloropropene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Trichloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:12
Trichlorofluoromethane	cgkn	A	ND	10		µg/L	1	03/26/2014 20:12
Vinyl Acetate	cgkn	A	ND	10		µg/L	1	03/26/2014 20:12
Vinyl chloride	cgkn	A	ND	2.0		µg/L	1	03/26/2014 20:12
Total 1,2-Dichloroethene	kn	M	ND	5.0		µg/L	1	03/26/2014 20:12
Total Xylenes	cgkn	M	ND	5.0		µg/L	1	03/26/2014 20:12
Surr: 1,2-Dichloroethane-d4		S	98.6	74.5-132		%REC	1	03/26/2014 20:12
Surr: 4-Bromofluorobenzene		S	86.4	80-120		%REC	1	03/26/2014 20:12
Surr: Dibromofluoromethane		S	97.0	80-120		%REC	1	03/26/2014 20:12
Surr: Toluene-d8		S	99.6	80-120		%REC	1	03/26/2014 20:12

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-12D
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-05
Sampled: 03/18/2014 18:40
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Total Metals by ICP/MS			Method: **SW-846 6020A** Prep Method: **SW846 3005A**					Analyst: **RPL** Prep Date/Time: **03/21/2014 08:11**
Antimony	**cgkn**	A	***0.011***	0.0060		mg/L	5	03/25/2014 15:54
Arsenic	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 15:54
Beryllium	**cgk**	A	***ND***	0.0010		mg/L	5	03/25/2014 15:54
Cadmium	**cgkn**	A	***0.0033***	0.0010		mg/L	5	03/25/2014 15:54
Chromium	**cgkn**	A	***0.55***	0.0030		mg/L	5	03/25/2014 15:54
Copper	**cgkn**	A	***0.062***	0.010		mg/L	5	03/25/2014 15:54
Lead	**cgkn**	A	***0.012***	0.0050		mg/L	5	03/25/2014 15:54
Nickel	**cgkn**	A	***1.0***	0.010		mg/L	5	03/25/2014 15:54
Selenium	**cgkn**	A	***0.0084***	0.0050		mg/L	5	03/25/2014 15:54
Silver	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 15:54
Thallium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 15:54
Zinc	**cgkn**	A	***0.16***	0.020		mg/L	5	03/25/2014 15:54
Total Mercury by CVAA			Method: **SW-846 7470A** Prep Method: **SW-846 7470**					Analyst: **RPL** Prep Date/Time: **03/25/2014 09:55**
Mercury	**cgkn**	A	***ND***	0.00020		mg/L	1	03/25/2014 15:08

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-35
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-06
Sampled: 03/19/2014 9:05
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls			Method: **SW-846 8082** Prep Method: **40CFR136**					Analyst: **als** Prep Date/Time: **03/24/2014 09:15**
Aroclor 1016	cgkn	A	***ND***	0.51		µg/L	1	03/25/2014 13:14
Aroclor 1221	cgkn	A	***ND***	0.51		µg/L	1	03/25/2014 13:14
Aroclor 1232	cgkn	A	***ND***	0.51		µg/L	1	03/25/2014 13:14
Aroclor 1242	cgkn	A	***ND***	0.51		µg/L	1	03/25/2014 13:14
Aroclor 1248	cgkn	A	***ND***	0.51		µg/L	1	03/25/2014 13:14
Aroclor 1254	cgkn	A	***ND***	0.51		µg/L	1	03/25/2014 13:14
Aroclor 1260	cgkn	A	***ND***	0.51		µg/L	1	03/25/2014 13:14
Aroclor 1262	kn	A	***ND***	0.51		µg/L	1	03/25/2014 13:14
Aroclor 1268	kn	A	***ND***	0.51		µg/L	1	03/25/2014 13:14
Total PCB's	kn	A	***ND***	0.51		µg/L	1	03/25/2014 13:14
Surr: Decachlorobiphenyl		S	40.0	26-116		%REC	1	03/25/2014 13:14
Surr: Tetrachloro-m-xylene		S	70.0	40-130		%REC	1	03/25/2014 13:14
LL Polynuclear Aromatic Hydrocarbons by GC/MS			Method: **SW-846 8270C** Prep Method: **40CFR136**					Analyst: **BRR** Prep Date/Time: **03/21/2014 08:20**
Acenaphthene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:56
Acenaphthylene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:56
Anthracene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:56
Benzo[a]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:56
Benzo[a]pyrene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:56
Benzo[b]fluoranthene	cgkn	A	***0.11***	0.10		µg/L	1	03/22/2014 21:56
Benzo[g,h,i]perylene	cgkn	A	***ND***	0.21		µg/L	1	03/22/2014 21:56
Benzo[k]fluoranthene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:56
Chrysene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:56
Dibenz[a,h]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 21:56
Fluoranthene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:56
Fluorene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:56
Indeno[1,2,3cd]pyrene	cgkn	A	***0.041***	0.021		µg/L	1	03/22/2014 21:56
Naphthalene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:56
Phenanthrene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:56
Pyrene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 21:56
Surr: 2-Fluorobiphenyl		S	44.5	10-110		%REC	1	03/22/2014 21:56
Surr: Nitrobenzene-d5		S	52.3	10-110		%REC	1	03/22/2014 21:56
Surr: Terphenyl-d14		S	53.4	16.8-110		%REC	1	03/22/2014 21:56
Volatile Organic Compounds			Method: **SW-846 8260B**					Analyst: **ppm** Prep Date/Time: **03/26/2014 14:30**
1,1,1,2-Tetrachloroethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 20:42
1,1,1-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 20:42
1,1,2,2-Tetrachloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 20:42
1,1,2-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 20:42
1,1-Dichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 20:42
1,1-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 20:42

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-35
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-06
Sampled: 03/19/2014 9:05
Received: 03/20/2014 10:45

Method: **SW-846 8260B**
Analyst: **ppm**
Prep Date/Time: **03/26/2014 14:30**

Volatile Organic Compounds

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
1,2-Dichloroethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
1,2-Dichloropropane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
2-Butanone	cgkn	A	ND	10		µg/L	1	03/26/2014 20:42
2-Hexanone	cgkn	A	ND	10		µg/L	1	03/26/2014 20:42
4-Methyl-2-Pentanone	cgkn	A	ND	10		µg/L	1	03/26/2014 20:42
Acetone	cgkn	A	ND	50		µg/L	1	03/26/2014 20:42
Acrolein	cgkn	A	ND	100		µg/L	1	03/26/2014 20:42
Acrylonitrile	cgkn	A	ND	100		µg/L	1	03/26/2014 20:42
Benzene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Bromodichloromethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Bromoform	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Bromomethane	cgkn	A	ND	10		µg/L	1	03/26/2014 20:42
Carbon Disulfide	cgkn	A	ND	10		µg/L	1	03/26/2014 20:42
Carbon tetrachloride	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Chlorobenzene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Chloroethane	cgkn	A	ND	10		µg/L	1	03/26/2014 20:42
Chloroform	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Chloromethane	cgkn	A	ND	10		µg/L	1	03/26/2014 20:42
cis-1,2-Dichloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
cis-1,3-Dichloropropene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Dibromochloromethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Ethylbenzene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
m,p-Xylene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Methylene chloride	cgkn	A	ND	10		µg/L	1	03/26/2014 20:42
Methyl-t-Butyl Ether	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
o-Xylene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Styrene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Tetrachloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Toluene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
trans-1,2-Dichloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
trans-1,3-Dichloropropene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Trichloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 20:42
Trichlorofluoromethane	cgkn	A	ND	10		µg/L	1	03/26/2014 20:42
Vinyl Acetate	cgkn	A	ND	10		µg/L	1	03/26/2014 20:42
Vinyl chloride	cgkn	A	ND	2.0		µg/L	1	03/26/2014 20:42
Total 1,2-Dichloroethene	kn	M	ND	5.0		µg/L	1	03/26/2014 20:42
Total Xylenes	cgkn	M	ND	5.0		µg/L	1	03/26/2014 20:42
Surr: 1,2-Dichloroethane-d4		S	97.6	74.5-132		%REC	1	03/26/2014 20:42
Surr: 4-Bromofluorobenzene		S	86.3	80-120		%REC	1	03/26/2014 20:42
Surr: Dibromofluoromethane		S	97.1	80-120		%REC	1	03/26/2014 20:42
Surr: Toluene-d8		S	100	80-120		%REC	1	03/26/2014 20:42

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-35
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-06
Sampled: 03/19/2014 9:05
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Total Metals by ICP/MS			Method: **SW-846 6020A** Prep Method: **SW846 3005A**					Analyst: **RPL** Prep Date/Time: **03/21/2014 08:11**
Antimony	**cgkn**	A	***ND***	0.0060		mg/L	5	03/25/2014 16:00
Arsenic	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 16:00
Beryllium	**cgk**	A	***ND***	0.0010		mg/L	5	03/25/2014 16:00
Cadmium	**cgkn**	A	***ND***	0.0010		mg/L	5	03/25/2014 16:00
Chromium	**cgkn**	A	***ND***	0.0030		mg/L	5	03/25/2014 16:00
Copper	**cgkn**	A	***0.045***	0.010		mg/L	5	03/25/2014 16:00
Lead	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 16:00
Nickel	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 16:00
Selenium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 16:00
Silver	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 16:00
Thallium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 16:00
Zinc	**cgkn**	A	***0.34***	0.020		mg/L	5	03/25/2014 16:00
Total Mercury by CVAA			Method: **SW-846 7470A** Prep Method: **SW-846 7470**					Analyst: **RPL** Prep Date/Time: **03/25/2014 09:55**
Mercury	**cgkn**	A	***ND***	0.00020		mg/L	1	03/25/2014 15:10

5713 W. 85th Street, Indianapolis, IN 46278-1672 TEL.800.466.5577 TEL.317.872.1375 FAX.317.872.1379

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-32D
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-07
Sampled: 03/19/2014 10:35
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls			Method: **SW-846 8082** Prep Method: **40CFR136**					Analyst: **als** Prep Date/Time: **03/24/2014 09:15**
Aroclor 1016	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 13:39
Aroclor 1221	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 13:39
Aroclor 1232	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 13:39
Aroclor 1242	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 13:39
Aroclor 1248	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 13:39
Aroclor 1254	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 13:39
Aroclor 1260	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 13:39
Aroclor 1262	kn	A	***ND***	0.52		µg/L	1	03/25/2014 13:39
Aroclor 1268	kn	A	***ND***	0.52		µg/L	1	03/25/2014 13:39
Total PCB's	kn	A	***ND***	0.52		µg/L	1	03/25/2014 13:39
Surr: Decachlorobiphenyl		S	65.0	26-116		%REC	1	03/25/2014 13:39
Surr: Tetrachloro-m-xylene		S	75.0	40-130		%REC	1	03/25/2014 13:39
LL Polynuclear Aromatic Hydrocarbons by GC/MS			Method: **SW-846 8270C** Prep Method: **40CFR136**					Analyst: **BRR** Prep Date/Time: **03/21/2014 08:20**
Acenaphthene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:13
Acenaphthylene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:13
Anthracene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:13
Benzo[a]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:13
Benzo[a]pyrene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:13
Benzo[b]fluoranthene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:13
Benzo[g,h,i]perylene	cgkn	A	***ND***	0.21		µg/L	1	03/22/2014 22:13
Benzo[k]fluoranthene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:13
Chrysene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:13
Dibenz[a,h]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:13
Fluoranthene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:13
Fluorene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:13
Indeno[1,2,3cd]pyrene	cgkn	A	***ND***	0.021		µg/L	1	03/22/2014 22:13
Naphthalene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:13
Phenanthrene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:13
Pyrene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:13
Surr: 2-Fluorobiphenyl		S	47.2	10-110		%REC	1	03/22/2014 22:13
Surr: Nitrobenzene-d5		S	56.4	10-110		%REC	1	03/22/2014 22:13
Surr: Terphenyl-d14		S	66.7	16.8-110		%REC	1	03/22/2014 22:13
Volatile Organic Compounds			Method: **SW-846 8260B**					Analyst: **ppm** Prep Date/Time: **03/26/2014 14:30**
1,1,1,2-Tetrachloroethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 21:12
1,1,1-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:12
1,1,2,2-Tetrachloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:12
1,1,2-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:12
1,1-Dichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:12
1,1-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:12

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-32D
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-07
Sampled: 03/19/2014 10:35
Received: 03/20/2014 10:45

Method: **SW-846 8260B**
Analyst: **ppm**
Prep Date/Time: **03/26/2014 14:30**

Volatile Organic Compounds

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
1,2-Dichloroethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
1,2-Dichloropropane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
2-Butanone	cgkn	A	ND	10		µg/L	1	03/26/2014 21:12
2-Hexanone	cgkn	A	ND	10		µg/L	1	03/26/2014 21:12
4-Methyl-2-Pentanone	cgkn	A	ND	10		µg/L	1	03/26/2014 21:12
Acetone	cgkn	A	ND	50		µg/L	1	03/26/2014 21:12
Acrolein	cgkn	A	ND	100		µg/L	1	03/26/2014 21:12
Acrylonitrile	cgkn	A	ND	100		µg/L	1	03/26/2014 21:12
Benzene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Bromodichloromethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Bromoform	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Bromomethane	cgkn	A	ND	10		µg/L	1	03/26/2014 21:12
Carbon Disulfide	cgkn	A	ND	10		µg/L	1	03/26/2014 21:12
Carbon tetrachloride	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Chlorobenzene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Chloroethane	cgkn	A	ND	10		µg/L	1	03/26/2014 21:12
Chloroform	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Chloromethane	cgkn	A	ND	10		µg/L	1	03/26/2014 21:12
cis-1,2-Dichloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
cis-1,3-Dichloropropene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Dibromochloromethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Ethylbenzene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
m,p-Xylene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Methylene chloride	cgkn	A	ND	10		µg/L	1	03/26/2014 21:12
Methyl-t-Butyl Ether	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
o-Xylene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Styrene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Tetrachloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Toluene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
trans-1,2-Dichloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
trans-1,3-Dichloropropene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Trichloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 21:12
Trichlorofluoromethane	cgkn	A	ND	10		µg/L	1	03/26/2014 21:12
Vinyl Acetate	cgkn	A	ND	10		µg/L	1	03/26/2014 21:12
Vinyl chloride	cgkn	A	ND	2.0		µg/L	1	03/26/2014 21:12
Total 1,2-Dichloroethene	kn	M	ND	5.0		µg/L	1	03/26/2014 21:12
Total Xylenes	cgkn	M	ND	5.0		µg/L	1	03/26/2014 21:12
Surr: 1,2-Dichloroethane-d4		S	98.5	74.5-132		%REC	1	03/26/2014 21:12
Surr: 4-Bromofluorobenzene		S	87.0	80-120		%REC	1	03/26/2014 21:12
Surr: Dibromofluoromethane		S	97.0	80-120		%REC	1	03/26/2014 21:12
Surr: Toluene-d8		S	100	80-120		%REC	1	03/26/2014 21:12

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-32D
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-07
Sampled: 03/19/2014 10:35
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Total Metals by ICP/MS			Method: **SW-846 6020A** Prep Method: **SW846 3005A**					Analyst: **RPL** Prep Date/Time: **03/21/2014 08:11**
Antimony	**cgkn**	A	***ND***	0.0060		mg/L	5	03/25/2014 16:07
Arsenic	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 16:07
Beryllium	**cgk**	A	***ND***	0.0010		mg/L	5	03/25/2014 16:07
Cadmium	**cgkn**	A	***ND***	0.0010		mg/L	5	03/25/2014 16:07
Chromium	**cgkn**	A	***0.047***	0.0030		mg/L	5	03/25/2014 16:07
Copper	**cgkn**	A	***0.019***	0.010		mg/L	5	03/25/2014 16:07
Lead	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 16:07
Nickel	**cgkn**	A	***0.064***	0.010		mg/L	5	03/25/2014 16:07
Selenium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 16:07
Silver	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 16:07
Thallium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 16:07
Zinc	**cgkn**	A	***ND***	0.020		mg/L	5	03/25/2014 16:07
Total Mercury by CVAA			Method: **SW-846 7470A** Prep Method: **SW-846 7470**					Analyst: **RPL** Prep Date/Time: **03/25/2014 09:55**
Mercury	**cgkn**	A	***ND***	0.00020		mg/L	1	03/25/2014 15:11

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Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-32S
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-08
Sampled: 03/19/2014 11:55
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls			Method: **SW-846 8082** Prep Method: **40CFR136**					Analyst: **als** Prep Date/Time: **03/24/2014 09:15**
Aroclor 1016	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 14:04
Aroclor 1221	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 14:04
Aroclor 1232	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 14:04
Aroclor 1242	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 14:04
Aroclor 1248	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 14:04
Aroclor 1254	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 14:04
Aroclor 1260	cgkn	A	***ND***	0.52		µg/L	1	03/25/2014 14:04
Aroclor 1262	kn	A	***ND***	0.52		µg/L	1	03/25/2014 14:04
Aroclor 1268	kn	A	***ND***	0.52		µg/L	1	03/25/2014 14:04
Total PCB's	kn	A	***ND***	0.52		µg/L	1	03/25/2014 14:04
Surr: Decachlorobiphenyl		S	60.0	26-116		%REC	1	03/25/2014 14:04
Surr: Tetrachloro-m-xylene		S	70.0	40-130		%REC	1	03/25/2014 14:04
LL Polynuclear Aromatic Hydrocarbons by GC/MS			Method: **SW-846 8270C** Prep Method: **40CFR136**					Analyst: **BRR** Prep Date/Time: **03/21/2014 08:20**
Acenaphthene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:30
Acenaphthylene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:30
Anthracene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:30
Benzo[a]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:30
Benzo[a]pyrene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:30
Benzo[b]fluoranthene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:30
Benzo[g,h,i]perylene	cgkn	A	***ND***	0.21		µg/L	1	03/22/2014 22:30
Benzo[k]fluoranthene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:30
Chrysene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:30
Dibenz[a,h]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:30
Fluoranthene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:30
Fluorene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:30
Indeno[1,2,3cd]pyrene	cgkn	A	***ND***	0.021		µg/L	1	03/22/2014 22:30
Naphthalene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:30
Phenanthrene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:30
Pyrene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:30
Surr: 2-Fluorobiphenyl		S	48.9	10-110		%REC	1	03/22/2014 22:30
Surr: Nitrobenzene-d5		S	58.0	10-110		%REC	1	03/22/2014 22:30
Surr: Terphenyl-d14		S	61.0	16.8-110		%REC	1	03/22/2014 22:30
Volatile Organic Compounds			Method: **SW-846 8260B**					Analyst: **ppm** Prep Date/Time: **03/26/2014 14:30**
1,1,1,2-Tetrachloroethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 21:42
1,1,1-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
1,1,2,2-Tetrachloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
1,1,2-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
1,1-Dichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
1,1-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-32S
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-08
Sampled: 03/19/2014 11:55
Received: 03/20/2014 10:45

Method: **SW-846 8260B**
Analyst: **ppm**
Prep Date/Time: **03/26/2014 14:30**

Volatile Organic Compounds

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
1,2-Dichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
1,2-Dichloropropane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
2-Butanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 21:42
2-Hexanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 21:42
4-Methyl-2-Pentanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 21:42
Acetone	cgkn	A	***ND***	50		µg/L	1	03/26/2014 21:42
Acrolein	cgkn	A	***ND***	100		µg/L	1	03/26/2014 21:42
Acrylonitrile	cgkn	A	***ND***	100		µg/L	1	03/26/2014 21:42
Benzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Bromodichloromethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Bromoform	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Bromomethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 21:42
Carbon Disulfide	cgkn	A	***ND***	10		µg/L	1	03/26/2014 21:42
Carbon tetrachloride	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Chlorobenzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Chloroethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 21:42
Chloroform	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Chloromethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 21:42
cis-1,2-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
cis-1,3-Dichloropropene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Dibromochloromethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Ethylbenzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
m,p-Xylene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Methylene chloride	cgkn	A	***ND***	10		µg/L	1	03/26/2014 21:42
Methyl-t-Butyl Ether	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
o-Xylene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Styrene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Tetrachloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Toluene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
trans-1,2-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
trans-1,3-Dichloropropene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Trichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 21:42
Trichlorofluoromethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 21:42
Vinyl Acetate	cgkn	A	***ND***	10		µg/L	1	03/26/2014 21:42
Vinyl chloride	cgkn	A	***ND***	2.0		µg/L	1	03/26/2014 21:42
Total 1,2-Dichloroethene	kn	M	***ND***	5.0		µg/L	1	03/26/2014 21:42
Total Xylenes	cgkn	M	***ND***	5.0		µg/L	1	03/26/2014 21:42
Surr: 1,2-Dichloroethane-d4		S	99.3	74.5-132		%REC	1	03/26/2014 21:42
Surr: 4-Bromofluorobenzene		S	85.9	80-120		%REC	1	03/26/2014 21:42
Surr: Dibromofluoromethane		S	97.0	80-120		%REC	1	03/26/2014 21:42
Surr: Toluene-d8		S	100	80-120		%REC	1	03/26/2014 21:42

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: OW-32S
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-08
Sampled: 03/19/2014 11:55
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Total Metals by ICP/MS			Method: **SW-846 6020A** Prep Method: **SW846 3005A**					Analyst: **RPL** Prep Date/Time: **03/21/2014 08:11**
Antimony	**cgkn**	A	***ND***	0.0060		mg/L	5	03/25/2014 16:31
Arsenic	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 16:31
Beryllium	**cgk**	A	***ND***	0.0010		mg/L	5	03/25/2014 16:31
Cadmium	**cgkn**	A	***ND***	0.0010		mg/L	5	03/25/2014 16:31
Chromium	**cgkn**	A	***0.18***	0.0030		mg/L	5	03/25/2014 16:31
Copper	**cgkn**	A	***0.013***	0.010		mg/L	5	03/25/2014 16:31
Lead	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 16:31
Nickel	**cgkn**	A	***0.092***	0.010		mg/L	5	03/25/2014 16:31
Selenium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 16:31
Silver	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 16:31
Thallium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 16:31
Zinc	**cgkn**	A	***0.026***	0.020		mg/L	5	03/25/2014 16:31
Total Mercury by CVAA			Method: **SW-846 7470A** Prep Method: **SW-846 7470**					Analyst: **RPL** Prep Date/Time: **03/25/2014 09:55**
Mercury	**cgkn**	A	***ND***	0.00020		mg/L	1	03/25/2014 15:12

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Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: DUPLICATE
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-09
Sampled: 03/19/2014 0:00
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls			Method: **SW-846 8082** Prep Method: **40CFR136**					Analyst: **als** Prep Date/Time: **03/24/2014 09:15**
Aroclor 1016	cgkn	A	***ND***	0.53		µg/L	1	03/25/2014 14:29
Aroclor 1221	cgkn	A	***ND***	0.53		µg/L	1	03/25/2014 14:29
Aroclor 1232	cgkn	A	***ND***	0.53		µg/L	1	03/25/2014 14:29
Aroclor 1242	cgkn	A	***ND***	0.53		µg/L	1	03/25/2014 14:29
Aroclor 1248	cgkn	A	***ND***	0.53		µg/L	1	03/25/2014 14:29
Aroclor 1254	cgkn	A	***ND***	0.53		µg/L	1	03/25/2014 14:29
Aroclor 1260	cgkn	A	***ND***	0.53		µg/L	1	03/25/2014 14:29
Aroclor 1262	kn	A	***ND***	0.53		µg/L	1	03/25/2014 14:29
Aroclor 1268	kn	A	***ND***	0.53		µg/L	1	03/25/2014 14:29
Total PCB's	kn	A	***ND***	0.53		µg/L	1	03/25/2014 14:29
Surr: Decachlorobiphenyl		S	65.0	26-116		%REC	1	03/25/2014 14:29
Surr: Tetrachloro-m-xylene		S	70.0	40-130		%REC	1	03/25/2014 14:29
LL Polynuclear Aromatic Hydrocarbons by GC/MS			Method: **SW-846 8270C** Prep Method: **40CFR136**					Analyst: **BRR** Prep Date/Time: **03/21/2014 08:20**
Acenaphthene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:47
Acenaphthylene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:47
Anthracene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:47
Benzo[a]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:47
Benzo[a]pyrene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:47
Benzo[b]fluoranthene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:47
Benzo[g,h,i]perylene	cgkn	A	***ND***	0.21		µg/L	1	03/22/2014 22:47
Benzo[k]fluoranthene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:47
Chrysene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:47
Dibenz[a,h]anthracene	cgkn	A	***ND***	0.10		µg/L	1	03/22/2014 22:47
Fluoranthene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:47
Fluorene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:47
Indeno[1,2,3cd]pyrene	cgkn	A	***ND***	0.021		µg/L	1	03/22/2014 22:47
Naphthalene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:47
Phenanthrene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:47
Pyrene	cgkn	A	***ND***	0.52		µg/L	1	03/22/2014 22:47
Surr: 2-Fluorobiphenyl		S	53.6	10-110		%REC	1	03/22/2014 22:47
Surr: Nitrobenzene-d5		S	62.9	10-110		%REC	1	03/22/2014 22:47
Surr: Terphenyl-d14		S	72.8	16.8-110		%REC	1	03/22/2014 22:47
Volatile Organic Compounds			Method: **SW-846 8260B**					Analyst: **ppm** Prep Date/Time: **03/26/2014 14:30**
1,1,1,2-Tetrachloroethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 22:12
1,1,1-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
1,1,2,2-Tetrachloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
1,1,2-Trichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
1,1-Dichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
1,1-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: DUPLICATE
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-09
Sampled: 03/19/2014 0:00
Received: 03/20/2014 10:45

Method: **SW-846 8260B**
Analyst: **ppm**
Prep Date/Time: **03/26/2014 14:30**

Volatile Organic Compounds

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
1,2-Dichloroethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
1,2-Dichloropropane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
2-Butanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 22:12
2-Hexanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 22:12
4-Methyl-2-Pentanone	cgkn	A	***ND***	10		µg/L	1	03/26/2014 22:12
Acetone	cgkn	A	***ND***	50		µg/L	1	03/26/2014 22:12
Acrolein	cgkn	A	***ND***	100		µg/L	1	03/26/2014 22:12
Acrylonitrile	cgkn	A	***ND***	100		µg/L	1	03/26/2014 22:12
Benzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
Bromodichloromethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
Bromoform	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
Bromomethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 22:12
Carbon Disulfide	cgkn	A	***ND***	10		µg/L	1	03/26/2014 22:12
Carbon tetrachloride	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
Chlorobenzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
Chloroethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 22:12
Chloroform	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
Chloromethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 22:12
cis-1,2-Dichloroethene	cgkn	A	***5.1***	5.0		µg/L	1	03/26/2014 22:12
cis-1,3-Dichloropropene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
Dibromochloromethane	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
Ethylbenzene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
m,p-Xylene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
Methylene chloride	cgkn	A	***ND***	10		µg/L	1	03/26/2014 22:12
Methyl-t-Butyl Ether	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
o-Xylene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
Styrene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
Tetrachloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
Toluene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
trans-1,2-Dichloroethene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
trans-1,3-Dichloropropene	cgkn	A	***ND***	5.0		µg/L	1	03/26/2014 22:12
Trichloroethene	cgkn	A	***7.4***	5.0		µg/L	1	03/26/2014 22:12
Trichlorofluoromethane	cgkn	A	***ND***	10		µg/L	1	03/26/2014 22:12
Vinyl Acetate	cgkn	A	***ND***	10		µg/L	1	03/26/2014 22:12
Vinyl chloride	cgkn	A	***ND***	2.0		µg/L	1	03/26/2014 22:12
Total 1,2-Dichloroethene	kn	M	***6.0***	5.0		µg/L	1	03/26/2014 22:12
Total Xylenes	cgkn	M	***ND***	5.0		µg/L	1	03/26/2014 22:12
Surr: 1,2-Dichloroethane-d4		S	98.3	74.5-132		%REC	1	03/26/2014 22:12
Surr: 4-Bromofluorobenzene		S	86.2	80-120		%REC	1	03/26/2014 22:12
Surr: Dibromofluoromethane		S	98.0	80-120		%REC	1	03/26/2014 22:12
Surr: Toluene-d8		S	99.9	80-120		%REC	1	03/26/2014 22:12

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: DUPLICATE
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-09
Sampled: 03/19/2014 0:00
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
Total Metals by ICP/MS			Method: **SW-846 6020A** Prep Method: **SW846 3005A**					Analyst: **RPL** Prep Date/Time: **03/21/2014 08:11**
Antimony	**cgkn**	A	***ND***	0.0060		mg/L	5	03/25/2014 16:37
Arsenic	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 16:37
Beryllium	**cgk**	A	***ND***	0.0010		mg/L	5	03/25/2014 16:37
Cadmium	**cgkn**	A	***ND***	0.0010		mg/L	5	03/25/2014 16:37
Chromium	**cgkn**	A	***0.036***	0.0030		mg/L	5	03/25/2014 16:37
Copper	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 16:37
Lead	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 16:37
Nickel	**cgkn**	A	***0.015***	0.010		mg/L	5	03/25/2014 16:37
Selenium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 16:37
Silver	**cgkn**	A	***ND***	0.010		mg/L	5	03/25/2014 16:37
Thallium	**cgkn**	A	***ND***	0.0050		mg/L	5	03/25/2014 16:37
Zinc	**cgkn**	A	***ND***	0.020		mg/L	5	03/25/2014 16:37
Total Mercury by CVAA			Method: **SW-846 7470A** Prep Method: **SW-846 7470**					Analyst: **RPL** Prep Date/Time: **03/25/2014 09:55**
Mercury	**cgkn**	A	***ND***	0.00020		mg/L	1	03/25/2014 15:13

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Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: TRIP BLANK
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-10
Sampled: 03/19/2014 0:00
Received: 03/20/2014 10:45

Method: **SW-846 8260B**
Analyst: **ppm**
Prep Date/Time: **03/26/2014 14:30**

Volatile Organic Compounds

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
1,1,1,2-Tetrachloroethane	cgkn	A	ND	10		µg/L	1	03/26/2014 17:13
1,1,1-Trichloroethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
1,1,2,2-Tetrachloroethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
1,1,2-Trichloroethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
1,1-Dichloroethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
1,1-Dichloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
1,2-Dichloroethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
1,2-Dichloropropane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
2-Butanone	cgkn	A	ND	10		µg/L	1	03/26/2014 17:13
2-Hexanone	cgkn	A	ND	10		µg/L	1	03/26/2014 17:13
4-Methyl-2-Pentanone	cgkn	A	ND	10		µg/L	1	03/26/2014 17:13
Acetone	cgkn	A	ND	50		µg/L	1	03/26/2014 17:13
Acrolein	cgkn	A	ND	100		µg/L	1	03/26/2014 17:13
Acrylonitrile	cgkn	A	ND	100		µg/L	1	03/26/2014 17:13
Benzene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Bromodichloromethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Bromoform	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Bromomethane	cgkn	A	ND	10		µg/L	1	03/26/2014 17:13
Carbon Disulfide	cgkn	A	ND	10		µg/L	1	03/26/2014 17:13
Carbon tetrachloride	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Chlorobenzene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Chloroethane	cgkn	A	ND	10		µg/L	1	03/26/2014 17:13
Chloroform	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Chloromethane	cgkn	A	ND	10		µg/L	1	03/26/2014 17:13
cis-1,2-Dichloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
cis-1,3-Dichloropropene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Dibromochloromethane	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Ethylbenzene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
m,p-Xylene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Methylene chloride	cgkn	A	ND	10		µg/L	1	03/26/2014 17:13
Methyl-t-Butyl Ether	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
o-Xylene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Styrene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Tetrachloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Toluene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
trans-1,2-Dichloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
trans-1,3-Dichloropropene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Trichloroethene	cgkn	A	ND	5.0		µg/L	1	03/26/2014 17:13
Trichlorofluoromethane	cgkn	A	ND	10		µg/L	1	03/26/2014 17:13
Vinyl Acetate	cgkn	A	ND	10		µg/L	1	03/26/2014 17:13
Vinyl chloride	cgkn	A	ND	2.0		µg/L	1	03/26/2014 17:13
Total 1,2-Dichloroethene	kn	M	ND	5.0		µg/L	1	03/26/2014 17:13

Analytical Results

Date: *Friday, March 28, 2014*

Client: SESCO Group, Inc.
Client Project: 4168/Mounds Lake /Anderson , IN
Client Sample ID: TRIP BLANK
Sample Description:
Matrix: Aqueous

Work Order/ID: 14C0807-10
Sampled: 03/19/2014 0:00
Received: 03/20/2014 10:45

Analyses	Certs	AT	Result	RL	Qual	Units	DF	Analyzed
			Method: **SW-846 8260B**				Analyst: **ppm**	
Volatile Organic Compounds							Prep Date/Time: **03/26/2014 14:30**	
Total Xylenes	**cgkn**	M	***ND***	5.0		µg/L	1	03/26/2014 17:13
Surr: 1,2-Dichloroethane-d4		S	97.3	74.5-132		%REC	1	03/26/2014 17:13
Surr: 4-Bromofluorobenzene		S	87.5	80-120		%REC	1	03/26/2014 17:13
Surr: Dibromofluoromethane		S	97.0	80-120		%REC	1	03/26/2014 17:13
Surr: Toluene-d8		S	99.5	80-120		%REC	1	03/26/2014 17:13

FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)

B = Detected in the associated method Blank at a concentration above the routine RL
b- = Detected in the associated method Blank at a concentration greater than 2.2 times the MDL
b* = Detected in the associated method Blank at a concentration greater than half the RL
CFU = Colony forming units
D = Dilution performed on sample
DF = Dilution Factor
g = Gram
E = Value above quantitation range
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference
J = Analyte concentration detected between RL and MDL (Metals / Organics)
LOD = Limit of Detection
m3 = Meters cubed
MDL = Method Detection Limit
mg/Kg = Milligrams per Kilogram (ppm)
mg/L = Milligrams per Liter (ppm)
NA = Not Analyzed
ND = Not Detected at the Reporting Limit (or the Method Detection Limit, if used)
NR = Not Recovered
R = RPD outside accepted recovery limits
RL = Reporting Limit
S = Spike recovery outside recovery limits
Surr = Surrogate
U = Undetected
> = Greater than
< = Less than
% = Percent

ANALYTE TYPES: (AT)

A,B = Target Analyte
I = Internal Standard
M = Summation Analyte
S = Surrogate
T = Tentatively Identified Compound (TIC, concentration estimated)

QC SAMPLE IDENTIFICATIONS

BLK = Method Blank
DUP = Method Duplicate
BS = Method Blank Spike
MS = Matrix Spike
ICB = Initial Calibration Blank
CCB = Continuing Calibration Blank
CRL = Client Required Reporting Limit
PDS = Post Digestion Spike
QCS = Quality Control Standard
ICSA = Interference Check Standard "A"
ICSAB = Interference Check Standard "AB"
BSD = Method Blank Spike Duplicate
MSD = Matrix Spike Duplicate
ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification
OPR = Ongoing Precision and Recovery Standard
SD = Serial Dilution

CERTIFICATIONS (Certs)

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

a The American Association for Laboratory Accreditation [A2LA] for Biological Testing, ISO/IEC 17025 (Certificate# 3045.01)
b The American Association for Laboratory Accreditation [A2LA] for Environmental Department of Defense Testing, ISO/IEC 17025 (Certificate# 3045.02)
c Illinois EPA for the analysis wastewater and solid waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (accreditation #200064)
d Illinois Department of Public Health for the microbiological analysis of drinking water (registry #1755266)
- Indiana DEM approved support laboratory for solid waste and wastewater analyses
e Indiana SDH for the chemical analysis of drinking water (lab #C-45-03)
f Indiana SDH for the microbiological analysis of drinking water (lab #M-45-8)
g Kansas Department of Health and Environment for the analysis of drinking water, wastewater, and solid hazardous waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (Certificate No. E-10397)
h Kentucky EPPC for the analysis of samples applicable to the Underground Storage Tank program (lab #75)
i New York SDOH in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (Lab#12006;accreditation #49179)
j New York SDOH in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (Lab# 12006; accreditation #49386)
k North Carolina DENR for the environmental analysis for NPDES effluent, surface water, groundwater, and pretreatment regulations(certificate #597)
l Pennsylvania Department of Environmental Protection [NELAP] (Lab# 68-04863)
m Washington State Department of Ecology in accordance to Ch. 173-50 WAC (lab #C992)
n Wisconsin DNR for the chemical analysis of wastewater and solid waste (lab #998036710)

Microbac®

COOLER INSPECTION

Date: Friday, March 28, 2014

Client Name: SESCO Group, Inc.

Date/Time Received: 03/20/2014 10:45

Work Order Number: 14C0807

Received by: Dave Bryant

Checklist completed by: 3/20/2014 1:13:00PM | Dave Bryant

Reviewed by: 3/21/2014 | KG

Carrier Name: Microbac

Cooler ID: Default Cooler

Container/Temp Blank Temperature: 1.0° C

After-Hour Arrival?	Yes	☐	No	☑		
Shipping container/cooler in good condition?	Yes	☑	No	☐	Not Present	☐
Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	Not Present	☑
Custody seals intact on sample containers?	Yes	☐	No	☐	Not Present	☑
COC present?	Yes	☑	No	☐		
COC included sufficient client identification?	Yes	☑	No	☐		
COC included sufficient sample collector information?	Yes	☑	No	☐		
COC included a sample description?	Yes	☑	No	☐		
COC agrees with sample labels?	Yes	☑	No	☐		
COC identified the appropriate matrix?	Yes	☑	No	☐		
COC included date of collection?	Yes	☑	No	☐		
COC included time of collection?	Yes	☑	No	☐		
COC identified the appropriate number of containers?	Yes	☑	No	☐		
Samples in proper container/bottle?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		
All samples received within holding time?	Yes	☑	No	☐		
If the samples are preserved, are the preservatives identified?	Yes	☑	No	☐		

If No, adjusted by? _____

COC included the requested analyses?	Yes	☑	No	☐		
COC signed when relinquished and received?	Yes	☑	No	☐		
Samples received on ice?	Yes	☑	No	☐		
Samples properly preserved?	Yes	☑	No	☐		
Voa vials for aqueous samples have zero headspace?	Yes	☑	No	☐	No VOA vials submitted	☐

Cooler Comments:

ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.

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Microbac®

Client Name: SESCO Group, Inc.

Date/Time Received: 03/20/2014 10:45

Work Order Number: 14C0807

Received by: Dave Bryant

Checklist completed by: 3/20/2014 1:13:00PM | Dave Bryant

Reviewed by: 3/21/2014 | KG

Carrier Name: Microbac

Cooler ID: New Cooler

Container/Temp Blank Temperature: 1.0° C

After-Hour Arrival?	Yes	☐	No	☑		
Shipping container/cooler in good condition?	Yes	☑	No	☐	Not Present	☐
Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	Not Present	☑
Custody seals intact on sample containers?	Yes	☐	No	☐	Not Present	☑
COC present?	Yes	☑	No	☐		
COC included sufficient client identification?	Yes	☑	No	☐		
COC included sufficient sample collector information?	Yes	☑	No	☐		
COC included a sample description?	Yes	☑	No	☐		
COC agrees with sample labels?	Yes	☑	No	☐		
COC identified the appropriate matrix?	Yes	☑	No	☐		
COC included date of collection?	Yes	☑	No	☐		
COC included time of collection?	Yes	☑	No	☐		
COC identified the appropriate number of containers?	Yes	☑	No	☐		
Samples in proper container/bottle?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		
All samples received within holding time?	Yes	☑	No	☐		
If the samples are preserved, are the preservatives identified?	Yes	☑	No	☐		

If No, adjusted by? _____

COC included the requested analyses?	Yes	☑	No	☐		
COC signed when relinquished and received?	Yes	☑	No	☐		
Samples received on ice?	Yes	☑	No	☐		
Samples properly preserved?	Yes	☑	No	☐		
Voa vials for aqueous samples have zero headspace?	Yes	☑	No	☐	No VOA vials submitted	☐

Cooler Comments:

ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.

5713 W. 85th Street, Indianapolis, IN 46278-1672 TEL.800.466.5577 TEL.317.872.1375 FAX.317.872.1379

Microbac®

Client Name: SESCO Group, Inc.

Date/Time Received: 03/20/2014 10:45

Work Order Number: 14C0807

Received by: Dave Bryant

Checklist completed by: 3/20/2014 1:13:00PM | Dave Bryant

Reviewed by: 3/21/2014 | KG

Carrier Name: Microbac

Cooler ID: New Cooler [1]

Container/Temp Blank Temperature: 1.0° C

After-Hour Arrival?	Yes	☐	No	☑		
Shipping container/cooler in good condition?	Yes	☑	No	☐	Not Present	☐
Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	Not Present	☑
Custody seals intact on sample containers?	Yes	☐	No	☐	Not Present	☑
COC present?	Yes	☑	No	☐		
COC included sufficient client identification?	Yes	☑	No	☐		
COC included sufficient sample collector information?	Yes	☑	No	☐		
COC included a sample description?	Yes	☑	No	☐		
COC agrees with sample labels?	Yes	☑	No	☐		
COC identified the appropriate matrix?	Yes	☑	No	☐		
COC included date of collection?	Yes	☑	No	☐		
COC included time of collection?	Yes	☑	No	☐		
COC identified the appropriate number of containers?	Yes	☑	No	☐		
Samples in proper container/bottle?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		
All samples received within holding time?	Yes	☑	No	☐		
If the samples are preserved, are the preservatives identified?	Yes	☑	No	☐		

If No, adjusted by? _____

COC included the requested analyses?	Yes	☑	No	☐		
COC signed when relinquished and received?	Yes	☑	No	☐		
Samples received on ice?	Yes	☑	No	☐		
Samples properly preserved?	Yes	☑	No	☐		
Voa vials for aqueous samples have zero headspace?	Yes	☑	No	☐	No VOA vials submitted	☐

Cooler Comments:

ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.

Sample ID	Client Sample ID	Comments
14C0807-01	OW-16D	
14C0807-02	OW-16S	
14C0807-03	OW-09	
14C0807-04	OW-12	
14C0807-05	OW-12D	
14C0807-06	OW-35	
14C0807-07	OW-32D	
14C0807-08	OW-32S	
14C0807-09	DUPLICATE	
14C0807-10	RINSE BLANK	

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Analytical QC Summary

Client: SESCO Group, Inc.
Work Order: 14C0807
Project: 4168/Mounds Lake /Anderson , IN

GC Semivolatiles - Quality Control

Batch: B053137 **Prep:** 40CFR136

Polychlorinated Biphenyls

Sample ID: Blank (B053137-BLK1) **Method:** SW-846 8082 **Prepped:** 03/24/2014 09:15
Source: **Analyzed:** 03/25/2014 09:54

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Aroclor 1016	ND	0.50	µg/L							
Aroclor 1221	ND	0.50	µg/L							
Aroclor 1232	ND	0.50	µg/L							
Aroclor 1242	ND	0.50	µg/L							
Aroclor 1248	ND	0.50	µg/L							
Aroclor 1254	ND	0.50	µg/L							
Aroclor 1260	ND	0.50	µg/L							
Aroclor 1262	ND	0.50	µg/L							
Aroclor 1268	ND	0.50	µg/L							
Total PCB's	ND	0.50	µg/L							
Surrogate: Decachlorobiphenyl	*0.15*		µg/L	*0.2000*		*75.0*	*26-116*			
Surrogate: Tetrachloro-m-xylene	*0.11*		µg/L	*0.2000*		*55.0*	*40-130*			

Sample ID: LCS (B053137-BS1) **Method:** SW-846 8082 **Prepped:** 03/24/2014 09:15
Source: **Analyzed:** 03/25/2014 10:19

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Aroclor 1016	4.38	0.50	µg/L	5.000		87.6	46-141			
Aroclor 1260	3.49	0.50	µg/L	5.000		69.8	42-116			
Surrogate: Decachlorobiphenyl	*0.15*		µg/L	*0.2000*		*75.0*	*26-116*			
Surrogate: Tetrachloro-m-xylene	*0.13*		µg/L	*0.2000*		*65.0*	*40-130*			

Sample ID: LCS Dup (B053137-BSD1) **Method:** SW-846 8082 **Prepped:** 03/24/2014 09:15
Source: **Analyzed:** 03/25/2014 10:44

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Aroclor 1016	4.45	0.50	µg/L	5.000		89.0	46-141	1.54	30	
Aroclor 1260	3.44	0.50	µg/L	5.000		68.8	42-116	1.38	30	
Surrogate: Decachlorobiphenyl	*0.14*		µg/L	*0.2000*		*70.0*	*26-116*			
Surrogate: Tetrachloro-m-xylene	*0.14*		µg/L	*0.2000*		*70.0*	*40-130*			

Analytical QC Summary

Client: SESCO Group, Inc.
Work Order: 14C0807
Project: 4168/Mounds Lake /Anderson , IN

GCMS Semivolatiles - Quality Control

Batch: B053078 **Prep:** 40CFR136

Analytical QC Summary

Client: SESCO Group, Inc.
Work Order: 14C0807
Project: 4168/Mounds Lake /Anderson , IN

GCMS Semivolatiles - Quality Control

Batch: B053078 **Prep:** 40CFR136

LL Polynuclear Aromatic Hydrocarbons by GC/MS

Sample ID: Blank (B053078-BLK2) **Method:** SW-846 8270C **Prepped:** 03/21/2014 08:20
Source: **Analyzed:** 03/22/2014 14:33

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Acenaphthene	ND	0.50	µg/L							
Acenaphthylene	ND	0.50	µg/L							
Anthracene	ND	0.50	µg/L							
Benzo[a]anthracene	ND	0.10	µg/L							
Benzo[a]pyrene	ND	0.10	µg/L							
Benzo[b]fluoranthene	ND	0.10	µg/L							
Benzo[g,h,i]perylene	ND	0.20	µg/L							
Benzo[k]fluoranthene	ND	0.10	µg/L							
Chrysene	ND	0.50	µg/L							
Dibenz[a,h]anthracene	ND	0.10	µg/L							
Fluoranthene	ND	0.50	µg/L							
Fluorene	ND	0.50	µg/L							
Indeno[1,2,3cd]pyrene	ND	0.020	µg/L							
Naphthalene	ND	0.50	µg/L							
Phenanthrene	ND	0.50	µg/L							
Pyrene	ND	0.50	µg/L							
Surrogate: 2-Fluorobiphenyl	*44*		µg/L	*100.0*		*44.3*	*10-110*			
Surrogate: Nitrobenzene-d5	*50*		µg/L	*100.0*		*49.7*	*10-110*			
Surrogate: Terphenyl-d14	*87*		µg/L	*100.0*		*86.6*	*16.8-110*			

Sample ID: LCS (B053078-BS2) **Method:** SW-846 8270C **Prepped:** 03/21/2014 08:20
Source: **Analyzed:** 03/22/2014 13:27

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Acenaphthene	6.84	0.50	µg/L	10.00		68.4	36-110			
Acenaphthylene	7.09	0.50	µg/L	10.00		70.9	33-110			
Anthracene	7.66	0.50	µg/L	10.00		76.6	40-115			
Benzo[a]anthracene	7.15	0.10	µg/L	10.00		71.5	44-110			
Benzo[a]pyrene	8.88	0.10	µg/L	10.00		88.8	17-163			
Benzo[b]fluoranthene	8.70	0.10	µg/L	10.00		87.0	52-125			
Benzo[g,h,i]perylene	5.88	0.20	µg/L	10.00		58.8	34-110			
Benzo[k]fluoranthene	7.98	0.10	µg/L	10.00		79.8	40-110			
Chrysene	6.94	0.50	µg/L	10.00		69.4	36-110			
Dibenz[a,h]anthracene	6.13	0.10	µg/L	10.00		61.3	40-116			
Fluoranthene	7.95	0.50	µg/L	10.00		79.5	26-137			
Fluorene	7.60	0.50	µg/L	10.00		76.0	35-110			
Indeno[1,2,3cd]pyrene	6.45	0.020	µg/L	10.00		64.5	42-120			
Naphthalene	6.48	0.50	µg/L	10.00		64.8	38-110			
Phenanthrene	7.25	0.50	µg/L	10.00		72.5	37-110			
Pyrene	8.85	0.50	µg/L	10.00		88.5	47-124			

Analytical QC Summary

Client: SESCO Group, Inc.
Work Order: 14C0807
Project: 4168/Mounds Lake /Anderson , IN

GCMS Semivolatiles - Quality Control

Batch: B053078 **Prep:** 40CFR136

Sample ID: LCS (B053078-BS2) **Method:** SW-846 8270C **Prepped:** 03/21/2014 08:20
Source: **Analyzed:** 03/22/2014 13:27

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Surrogate: 2-Fluorobiphenyl	*5.4*		µg/L	*10.00*		*53.7*	*10-110*			
Surrogate: Nitrobenzene-d5	*6.1*		µg/L	*10.00*		*61.2*	*10-110*			
Surrogate: Terphenyl-d14	*7.2*		µg/L	*10.00*		*72.5*	*16.8-110*			

Sample ID: LCS Dup (B053078-BSD2) **Method:** SW-846 8270C **Prepped:** 03/21/2014 08:20
Source: **Analyzed:** 03/22/2014 13:44

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Acenaphthene	6.62	0.50	µg/L	10.00		66.2	36-110	3.24	30	
Acenaphthylene	6.84	0.50	µg/L	10.00		68.4	33-110	3.66	30	
Anthracene	7.69	0.50	µg/L	10.00		76.9	40-115	0.391	30	
Benzo[a]anthracene	7.40	0.10	µg/L	10.00		74.0	44-110	3.52	30	
Benzo[a]pyrene	9.42	0.10	µg/L	10.00		94.2	17-163	5.90	30	
Benzo[b]fluoranthene	9.34	0.10	µg/L	10.00		93.4	52-125	7.12	30	
Benzo[g,h,i]perylene	6.58	0.20	µg/L	10.00		65.8	34-110	11.3	30	
Benzo[k]fluoranthene	8.14	0.10	µg/L	10.00		81.4	40-110	2.03	30	
Chrysene	7.15	0.50	µg/L	10.00		71.5	36-110	2.99	30	
Dibenz[a,h]anthracene	7.05	0.10	µg/L	10.00		70.5	40-116	13.9	30	
Fluoranthene	8.27	0.50	µg/L	10.00		82.7	26-137	3.96	30	
Fluorene	7.48	0.50	µg/L	10.00		74.8	35-110	1.59	30	
Indeno[1,2,3cd]pyrene	7.33	0.020	µg/L	10.00		73.3	42-120	12.8	30	
Naphthalene	6.21	0.50	µg/L	10.00		62.1	38-110	4.35	30	
Phenanthrene	7.21	0.50	µg/L	10.00		72.1	37-110	0.553	30	
Pyrene	8.05	0.50	µg/L	10.00		80.5	47-124	9.50	30	
Surrogate: 2-Fluorobiphenyl	*5.1*		µg/L	*10.00*		*51.2*	*10-110*			
Surrogate: Nitrobenzene-d5	*5.8*		µg/L	*10.00*		*57.8*	*10-110*			
Surrogate: Terphenyl-d14	*6.7*		µg/L	*10.00*		*67.0*	*16.8-110*			

Analytical QC Summary

Client: SESCO Group, Inc.
Work Order: 14C0807
Project: 4168/Mounds Lake /Anderson , IN

GCMS Volatiles - Quality Control

Batch: B053263

5713 W. 85th Street, Indianapolis, IN 46278-1672 TEL.800.466.5577 TEL.317.872.1375 FAX.317.872.1379

Analytical QC Summary

Client: SESCO Group, Inc.
Work Order: 14C0807
Project: 4168/Mounds Lake /Anderson , IN

GCMS Volatiles - Quality Control

Batch: B053263

Volatile Organic Compounds

Sample ID: Blank (B053263-BLK1) **Method:** SW-846 8260B **Prepped:** 03/26/2014 13:59
Source: **Analyzed:** 03/26/2014 16:43

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
1,1,1,2-Tetrachloroethane	ND	10	µg/L							
1,1,1-Trichloroethane	ND	5.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	5.0	µg/L							
1,1,2-Trichloroethane	ND	5.0	µg/L							
1,1-Dichloroethane	ND	5.0	µg/L							
1,1-Dichloroethene	ND	5.0	µg/L							
1,2-Dichloroethane	ND	5.0	µg/L							
1,2-Dichloropropane	ND	5.0	µg/L							
2-Butanone	ND	10	µg/L							
2-Hexanone	ND	10	µg/L							
4-Methyl-2-Pentanone	ND	10	µg/L							
Acetone	ND	50	µg/L							
Acrolein	ND	100	µg/L							
Acrylonitrile	ND	100	µg/L							
Benzene	ND	5.0	µg/L							
Bromodichloromethane	ND	5.0	µg/L							
Bromoform	ND	5.0	µg/L							
Bromomethane	ND	10	µg/L							
Carbon Disulfide	ND	10	µg/L							
Carbon tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	5.0	µg/L							
Chloroethane	ND	10	µg/L							
Chloroform	ND	5.0	µg/L							
Chloromethane	ND	10	µg/L							
cis-1,2-Dichloroethene	ND	5.0	µg/L							
cis-1,3-Dichloropropene	ND	5.0	µg/L							
Dibromochloromethane	ND	5.0	µg/L							
Ethylbenzene	ND	5.0	µg/L							
m,p-Xylene	ND	5.0	µg/L							
Methylene chloride	ND	10	µg/L							
Methyl-t-Butyl Ether	ND	5.0	µg/L							
o-Xylene	ND	5.0	µg/L							
Styrene	ND	5.0	µg/L							
Tetrachloroethene	ND	5.0	µg/L							
Toluene	ND	5.0	µg/L							
trans-1,2-Dichloroethene	ND	5.0	µg/L							
trans-1,3-Dichloropropene	ND	5.0	µg/L							
Trichloroethene	ND	5.0	µg/L							
Trichlorofluoromethane	ND	10	µg/L							

Analytical QC Summary

Client: SESCO Group, Inc.
Work Order: 14C0807
Project: 4168/Mounds Lake /Anderson , IN

GCMS Volatiles - Quality Control

Batch: B053263

Sample ID: Blank (B053263-BLK1) **Method:** SW-846 8260B **Prepped:** 03/26/2014 13:59
Source: **Analyzed:** 03/26/2014 16:43

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Vinyl Acetate	ND	10	µg/L							
Vinyl chloride	ND	2.0	µg/L							
Naphthalene	ND	8.0	µg/L							
Total 1,2-Dichloroethene	ND	5.0	µg/L							
Total Xylenes	ND	5.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*24*		µg/L	*25.00*		*95.1*	*74.5-132*			
Surrogate: 4-Bromofluorobenzene	*22*		µg/L	*25.00*		*88.7*	*80-120*			
Surrogate: Dibromofluoromethane	*24*		µg/L	*25.00*		*95.6*	*80-120*			
Surrogate: Toluene-d8	*25*		µg/L	*25.00*		*100*	*80-120*			

Sample ID: LCS (B053263-BS1) **Method:** SW-846 8260B **Prepped:** 03/26/2014 13:59
Source: **Analyzed:** 03/26/2014 15:42

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
1,1,1,2-Tetrachloroethane	21.1		µg/L	20.00		106	80-120			
1,1,1-Trichloroethane	20.2		µg/L	20.00		101	75.4-125			
1,1,2,2-Tetrachloroethane	21.8		µg/L	20.00		109	72.3-119			
1,1,2-Trichloroethane	23.7		µg/L	20.00		118	80-120			
1,1-Dichloroethane	23.4		µg/L	20.00		117	74.3-122			
1,1-Dichloroethene	20.7		µg/L	20.00		104	58.5-104			
1,2-Dichloroethane	20.4		µg/L	20.00		102	70-126			
1,2-Dichloropropane	21.6		µg/L	20.00		108	79.2-120			
2-Butanone	20.9		µg/L	20.00		104	60.4-125			
2-Hexanone	17.7		µg/L	20.00		88.6	49.5-119			
4-Methyl-2-Pentanone	20.0		µg/L	20.00		99.8	59.4-125			
Acetone	23.9		µg/L	20.00		119	51.1-126			
Acrolein	67.9		µg/L	20.00		339	10-200			S
Acrylonitrile	27.2		µg/L	20.00		136	70.9-134			S
Benzene	22.4		µg/L	20.00		112	80-120			
Bromodichloromethane	21.0		µg/L	20.00		105	76.4-118			
Bromoform	20.3		µg/L	20.00		102	66.4-120			
Bromomethane	21.4		µg/L	20.00		107	10-138			
Carbon Disulfide	20.9		µg/L	20.00		105	66.7-137			
Carbon tetrachloride	19.8		µg/L	20.00		98.8	73.7-128			
Chlorobenzene	22.5		µg/L	20.00		112	81-121			
Chloroethane	25.4		µg/L	20.00		127	59.5-142			
Chloroform	21.8		µg/L	20.00		109	79.3-122			
Chloromethane	17.2		µg/L	20.00		86.0	44.1-110			
cis-1,2-Dichloroethene	21.2		µg/L	20.00		106	80-120			
cis-1,3-Dichloropropene	21.1		µg/L	20.00		105	80-120			
Dibromochloromethane	21.2		µg/L	20.00		106	79.7-118			
Ethylbenzene	23.0		µg/L	20.00		115	79.6-120			

Analytical QC Summary

Client: SESCO Group, Inc.
Work Order: 14C0807
Project: 4168/Mounds Lake /Anderson , IN

GCMS Volatiles - Quality Control

Batch: B053263

Sample ID: LCS (B053263-BS1) **Method:** SW-846 8260B **Prepped:** 03/26/2014 13:59
Source: **Analyzed:** 03/26/2014 15:42

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
m,p-Xylene	46.1		µg/L	40.00		115	79.6-120			
Methylene chloride	23.2		µg/L	20.00		116	67.4-112			S
Methyl-t-Butyl Ether	20.9		µg/L	20.00		104	75.5-120			
o-Xylene	22.2		µg/L	20.00		111	76.1-116			
Styrene	23.5		µg/L	20.00		117	74.8-115			S
Tetrachloroethene	21.7		µg/L	20.00		109	80.9-129			
Toluene	22.8		µg/L	20.00		114	81-121			
trans-1,2-Dichloroethene	23.0		µg/L	20.00		115	74.7-115			S
trans-1,3-Dichloropropene	20.0		µg/L	20.00		99.8	76.2-116			
Trichloroethene	21.2		µg/L	20.00		106	82-127			
Trichlorofluoromethane	22.4		µg/L	20.00		112	52.4-134			
Vinyl Acetate	18.3		µg/L	20.00		91.6	31.7-138			
Vinyl chloride	23.7		µg/L	20.00		118	58.8-135			
Naphthalene	20.9		µg/L	20.00		104	34.6-127			
Total Xylenes	68.3		µg/L	60.00		114	78.5-119			
Surrogate: 1,2-Dichloroethane-d4	*24*		µg/L	*25.00*		*94.6*	*74.5-132*			
Surrogate: 4-Bromofluorobenzene	*23*		µg/L	*25.00*		*94.0*	*80-120*			
Surrogate: Dibromofluoromethane	*24*		µg/L	*25.00*		*97.1*	*80-120*			
Surrogate: Toluene-d8	*26*		µg/L	*25.00*		*102*	*80-120*			

Sample ID: LCS Dup (B053263-BSD1) **Method:** SW-846 8260B **Prepped:** 03/26/2014 13:59
Source: **Analyzed:** 03/26/2014 16:12

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
1,1,1,2-Tetrachloroethane	19.8		µg/L	20.00		99.0	80-120	6.60	30	
1,1,1-Trichloroethane	18.0		µg/L	20.00		90.2	75.4-125	11.5	30	
1,1,2,2-Tetrachloroethane	21.2		µg/L	20.00		106	72.3-119	3.12	30	
1,1,2-Trichloroethane	21.7		µg/L	20.00		109	80-120	8.46	30	
1,1-Dichloroethane	20.7		µg/L	20.00		104	74.3-122	12.0	30	
1,1-Dichloroethene	17.2		µg/L	20.00		86.0	58.5-104	18.5	30	
1,2-Dichloroethane	19.5		µg/L	20.00		97.6	70-126	4.70	30	
1,2-Dichloropropane	20.6		µg/L	20.00		103	79.2-120	5.16	30	
2-Butanone	19.2		µg/L	20.00		96.0	60.4-125	8.29	30	
2-Hexanone	17.7		µg/L	20.00		88.6	49.5-119	0.0564	30	
4-Methyl-2-Pentanone	18.0		µg/L	20.00		90.2	59.4-125	10.2	30	
Acetone	22.1		µg/L	20.00		111	51.1-126	7.52	30	
Acrolein	65.4		µg/L	20.00		327	10-200	3.69	30	S
Acrylonitrile	24.6		µg/L	20.00		123	70.9-134	10.1	30	
Benzene	20.3		µg/L	20.00		102	80-120	9.42	30	
Bromodichloromethane	19.9		µg/L	20.00		99.6	76.4-118	5.04	30	
Bromoform	19.3		µg/L	20.00		96.5	66.4-120	5.25	30	
Bromomethane	18.3		µg/L	20.00		91.6	10-138	15.7	30	

Analytical QC Summary

Client: SESCO Group, Inc.
Work Order: 14C0807
Project: 4168/Mounds Lake /Anderson , IN

GCMS Volatiles - Quality Control

Batch: B053263

Sample ID: LCS Dup (B053263-BSD1) **Method:** SW-846 8260B **Prepped:** 03/26/2014 13:59
Source: **Analyzed:** 03/26/2014 16:12

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Carbon Disulfide	17.6		µg/L	20.00		87.8	66.7-137	17.5	30	
Carbon tetrachloride	17.6		µg/L	20.00		88.0	73.7-128	11.6	30	
Chlorobenzene	20.6		µg/L	20.00		103	81-121	8.68	30	
Chloroethane	22.0		µg/L	20.00		110	59.5-142	14.1	30	
Chloroform	20.2		µg/L	20.00		101	79.3-122	7.72	30	
Chloromethane	15.6		µg/L	20.00		78.0	44.1-110	9.70	30	
cis-1,2-Dichloroethene	19.3		µg/L	20.00		96.6	80-120	9.38	30	
cis-1,3-Dichloropropene	19.7		µg/L	20.00		98.6	80-120	6.52	30	
Dibromochloromethane	20.2		µg/L	20.00		101	79.7-118	4.98	30	
Ethylbenzene	20.8		µg/L	20.00		104	79.6-120	10.2	30	
m,p-Xylene	41.6		µg/L	40.00		104	79.6-120	10.2	30	
Methylene chloride	20.8		µg/L	20.00		104	67.4-112	10.6	30	
Methyl-t-Butyl Ether	18.6		µg/L	20.00		92.8	75.5-120	11.7	30	
o-Xylene	20.4		µg/L	20.00		102	76.1-116	8.78	30	
Styrene	21.4		µg/L	20.00		107	74.8-115	9.41	30	
Tetrachloroethene	19.7		µg/L	20.00		98.4	80.9-129	9.86	30	
Toluene	21.0		µg/L	20.00		105	81-121	8.45	30	
trans-1,2-Dichloroethene	19.9		µg/L	20.00		99.4	74.7-115	14.7	30	
trans-1,3-Dichloropropene	18.8		µg/L	20.00		93.8	76.2-116	6.25	30	
Trichloroethene	19.6		µg/L	20.00		98.0	82-127	7.99	30	
Trichlorofluoromethane	18.4		µg/L	20.00		92.0	52.4-134	19.7	30	
Vinyl Acetate	17.4		µg/L	20.00		87.0	31.7-138	5.09	30	
Vinyl chloride	20.2		µg/L	20.00		101	58.8-135	15.9	30	
Naphthalene	20.1		µg/L	20.00		101	34.6-127	3.75	30	
Total Xylenes	62.0		µg/L	60.00		103	78.5-119	9.75	30	
Surrogate: 1,2-Dichloroethane-d4	*24*		µg/L	*25.00*		*94.4*	*74.5-132*			
Surrogate: 4-Bromofluorobenzene	*23*		µg/L	*25.00*		*93.0*	*80-120*			
Surrogate: Dibromofluoromethane	*24*		µg/L	*25.00*		*96.8*	*80-120*			
Surrogate: Toluene-d8	*26*		µg/L	*25.00*		*103*	*80-120*			

Analytical QC Summary

Client: SESCO Group, Inc.
Work Order: 14C0807
Project: 4168/Mounds Lake /Anderson , IN

Metals - Quality Control

Batch: B053082 **Prep:** SW846 3005A

Analytical QC Summary

Client: SESCO Group, Inc.
Work Order: 14C0807
Project: 4168/Mounds Lake /Anderson , IN

Metals - Quality Control

Batch: B053082 **Prep:** SW846 3005A

Total Metals by ICP/MS

Sample ID: Blank (B053082-BLK1) **Method:** SW-846 6020A **Prepped:** 03/21/2014 08:11
Source: **Analyzed:** 03/25/2014 14:52

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Antimony	ND	0.0060	mg/L							
Arsenic	ND	0.010	mg/L							
Beryllium	ND	0.0010	mg/L							
Cadmium	ND	0.0010	mg/L							
Chromium	ND	0.0030	mg/L							
Copper	ND	0.010	mg/L							
Lead	ND	0.0050	mg/L							
Nickel	ND	0.010	mg/L							
Selenium	ND	0.0050	mg/L							
Silver	ND	0.010	mg/L							
Thallium	ND	0.0050	mg/L							
Zinc	ND	0.020	mg/L							

Sample ID: LCS (B053082-BS1) **Method:** SW-846 6020A **Prepped:** 03/21/2014 08:11
Source: **Analyzed:** 03/25/2014 14:59

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Antimony	2.15	0.0060	mg/L	2.000		108	85-115			
Arsenic	2.17	0.010	mg/L	2.000		108	85-115			
Beryllium	0.238	0.0010	mg/L	0.2000		119	85-115			S
Cadmium	0.215	0.0010	mg/L	0.2000		107	85-115			
Chromium	2.17	0.0030	mg/L	2.000		108	85-115			
Lead	2.16	0.0050	mg/L	2.000		108	85-115			
Nickel	2.10	0.010	mg/L	2.000		105	85-115			
Selenium	2.19	0.0050	mg/L	2.000		109	85-115			
Silver	0.206	0.010	mg/L	0.2000		103	85-115			
Thallium	2.15	0.0050	mg/L	2.000		107	85-115			
Zinc	2.19	0.020	mg/L	2.000		110	85-115			

Sample ID: LCS (B053082-BS2) **Method:** SW-846 6020A **Prepped:** 03/21/2014 08:11
Source: **Analyzed:** 03/26/2014 17:55

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Copper	0.217	0.010	mg/L	0.2000		109	85-115			

Sample ID: Matrix Spike (B053082-MS1) **Method:** SW-846 6020A **Prepped:** 03/21/2014 08:11
Source: 14C0807-04 **Analyzed:** 03/25/2014 15:42

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Antimony	2.15	0.0060	mg/L	2.000	0.000327	107	70-130			
Arsenic	2.12	0.010	mg/L	2.000	ND	106	70-130			
Beryllium	0.229	0.0010	mg/L	0.2000	ND	115	70-130			
Cadmium	0.214	0.0010	mg/L	0.2000	ND	107	70-130			

Analytical QC Summary

Client: SESCO Group, Inc.
Work Order: 14C0807
Project: 4168/Mounds Lake /Anderson , IN

Metals - Quality Control

Batch: B053082 **Prep:** SW846 3005A

Sample ID: Matrix Spike (B053082-MS1) **Method:** SW-846 6020A **Prepped:** 03/21/2014 08:11
Source: 14C0807-04 **Analyzed:** 03/25/2014 15:42

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Chromium	2.08	0.0030	mg/L	2.000	0.0412	102	70-130			
Copper	0.216	0.010	mg/L	0.2000	0.00730	104	70-130			
Lead	2.07	0.0050	mg/L	2.000	0.000267	104	70-130			
Nickel	2.00	0.010	mg/L	2.000	0.0163	99.3	70-130			
Selenium	2.10	0.0050	mg/L	2.000	0.000996	105	70-130			
Silver	0.204	0.010	mg/L	0.2000	ND	102	70-130			
Thallium	2.07	0.0050	mg/L	2.000	0.000181	104	70-130			
Zinc	2.12	0.020	mg/L	2.000	0.00545	106	70-130			

Sample ID: Matrix Spike Dup (B053082-MSD1) **Method:** SW-846 6020A **Prepped:** 03/21/2014 08:11
Source: 14C0807-04 **Analyzed:** 03/25/2014 15:48

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Antimony	2.12	0.0060	mg/L	2.000	0.000327	106	70-130	1.27	20	
Arsenic	2.10	0.010	mg/L	2.000	ND	105	70-130	0.832	20	
Beryllium	0.234	0.0010	mg/L	0.2000	ND	117	70-130	1.94	20	
Cadmium	0.206	0.0010	mg/L	0.2000	ND	103	70-130	3.92	20	
Chromium	2.16	0.0030	mg/L	2.000	0.0412	106	70-130	3.99	20	
Copper	0.213	0.010	mg/L	0.2000	0.00730	103	70-130	1.16	20	
Lead	2.05	0.0050	mg/L	2.000	0.000267	102	70-130	1.31	20	
Nickel	2.05	0.010	mg/L	2.000	0.0163	102	70-130	2.47	20	
Selenium	2.11	0.0050	mg/L	2.000	0.000996	105	70-130	0.319	20	
Silver	0.199	0.010	mg/L	0.2000	ND	99.7	70-130	2.34	20	
Thallium	2.04	0.0050	mg/L	2.000	0.000181	102	70-130	1.60	20	
Zinc	2.08	0.020	mg/L	2.000	0.00545	104	70-130	1.88	20	

Batch: B053194 **Prep:** SW-846 7470

Analytical QC Summary

Client: SESCO Group, Inc.
Work Order: 14C0807
Project: 4168/Mounds Lake /Anderson , IN

Metals - Quality Control

Batch: B053194 **Prep:** SW-846 7470

Total Mercury by CVAA

Sample ID: Blank (B053194-BLK1) **Method:** SW-846 7470A **Prepped:** 03/25/2014 11:10
Source: **Analyzed:** 03/25/2014 14:50

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Mercury	ND	0.00020	mg/L							

Sample ID: LCS (B053194-BS1) **Method:** SW-846 7470A **Prepped:** 03/25/2014 11:10
Source: **Analyzed:** 03/25/2014 14:51

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Mercury	0.00180	0.00020	mg/L	0.002000		90.2	80-120			

Sample ID: Matrix Spike (B053194-MS1) **Method:** SW-846 7470A **Prepped:** 03/25/2014 11:10
Source: 14C0807-01 **Analyzed:** 03/25/2014 15:00

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Mercury	0.00189	0.00020	mg/L	0.002000	ND	94.3	75-125			

Sample ID: Matrix Spike Dup (B053194-MSD1) **Method:** SW-846 7470A **Prepped:** 03/25/2014 11:10
Source: 14C0807-01 **Analyzed:** 03/25/2014 15:01

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qual
Mercury	0.00168	0.00020	mg/L	0.002000	ND	83.8	75-125	11.8	20	

Microbac®

Samples Submitted to:

[ ] 250 West 84th Drive, Merrillville, IN 46410, Tel: 219-769-8378, Fax: 219-769-1664

[ ] 5713 West 85th Street, Indianapolis, IN 46278, Tel: 317-872-1375, Fax: 317-872-1379

Chain of Custody Record

Number 74598

Instructions on back

14C0807 Kristen Gehlbach
SESCO - Indianapolis, IN
SESCO General - Non-ELTF
03/20/2014

Client Name: SESCO GROUP
Address: 1426 W. 29TH ST
City, State, Zip: INDIANAPOLIS IN 46208
Contact: TONIA PIPPIN
Telephone #: 317 347-9590 EXT 26

Project: MOUND S LAKE
Location: ANDERSON IN
PO #: 4168
Compliance Monitoring? [ ] Yes(1) [ ] No
(1)Agency/Program

Turnaround Time: [✓] Routine (7 working days) [ ] RUSH* (notify lab) (needed by)

Report Type: [ ] Results Only [✓] Level II [ ] Level III [ ] Level III CLP-like [ ] Level IV [ ] Level IV CLP-like [ ] EDD

Sampled by (PRINT): BRAD BELCHAM
Sampler Signature: [signature]
Sampler Phone #: 317 509-9663

Send Report via: [ ] Mail [ ] Telephone [ ] Fax (fax #) [ ] e-mail (address)

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

Client Sample ID	Matrix*	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	Requested Analyses → Preservative Types ** ↓	VOC's 8260	PAH's 8270 SIM	PCB's 8082	Total Mercury Volatilizable Metals (6010/7470)					For Lab Use Only 14C0807
OW-16D	WT	G			3/18/14	1350	6	3,4,1	X	X	X	X					01
OW-16S						1440											02
OW-09						1545											03
OW-12						1700											04
OW-12D						1840											05
OW-35					3/19/14	0905											06
OW-32D						1035											07
OW-32S						1155											08
DUPLICATE					—	—											09
TRIP BLANK					—	—	2	3									10

Possible Hazard Identification: [ ] Hazardous [ ] Non-Hazardous [ ] Radioactive

Sample Disposition: [ ] Dispose as appropriate [ ] Return [ ] Archive

Comments

Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
[signature]	3/19/14 330	[signature]	3/19/14 330
[signature]	3-20-14 8:00	[signature]	3-20-14 8:00
[signature]	3-20-14 11:45	[signature]	3/20/14 1045

Sample temperature upon receipt in degrees C = 1/1/1 °C

rev. 11/04/04

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