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REDACTED VERSION

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Mr. Matthew Panszczyk
Principal Project Manager
Commonwealth Edison Company
Three Lincoln Center, 6th Floor
Oakbrook Terrace, IL 60181

Subject: Results of an Environmental Site Investigation for ComEd's Proposed Red Blue Yard, 3501 South Pulaski Road, Chicago, Cook County, Illinois

Date:
July 27, 2012

Contact
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Our ref:
EG012722.0003

Dear Mr. Panszczyk:

This report presents the results of an Environmental Site Investigation conducted by ARCADIS U.S., Inc. (ARCADIS) at the Commonwealth Edison Company (ComEd) Proposed Red Blue Yard located at the eastern-most edge of Midwest Generation's Crawford Generating Station-13, located at 3501 South Pulaski Road in the City of Chicago, Cook County, Illinois (Site). The general location of the Site is shown on Figure 1. This project was conducted in accordance with the scope of work included in ARCADIS' proposal memo dated June 15, 2012. This project is authorized under the contract 01091076 between ComEd and ARCADIS and the release number of 00119.

ARCADIS previously conducted a combined geotechnical and environmental investigation at the Site from May 14, 2012 through May 17, 2012. The investigation consisted of drilling 14 soil borings to depths ranging from 25 to 50 feet below ground surface (bgs) and collecting 9 soil samples from the upper 10 feet of the subsurface for environmental analysis. Based upon the analytical results of the soil samples and field observations, soil contamination exists at the Site at levels exceeding Tier 1 Soil Remediation Objectives (SROs) at 3 of the 9 locations tested. The Resource Conservation and Recovery Act (RCRA) metals (except mercury) and Polynuclear Aromatic Compound (PNA) Tier 1 SRO exceedances are below the allowable construction worker levels. However, Polychlorinated Biphenyls (PCBs) and mercury exceeded construction worker SROs in sample SB-12 (3.5-5').

The Site is partially covered in gravel and vegetation and is located adjacent to the east of an energized ComEd substation. The Site does not contain any active equipment. The Site slopes to the south toward the Sanitary Drainage and Ship Canal, which is located along the southern property boundary. Boring locations and Site layout are shown on Figure 2.

The objectives of this investigation were to (1) delineate soil contamination at the Site; (2) evaluate the soil analytical data relative to current IEPA regulations; and (3) document the results of our investigation.

SUBSURFACE SOIL ASSESSMENT

On July 10 and 11, 2012, ARCADIS' field scientist, in conjunction with K&S Engineers of Highland, Indiana, used a direct push GeoProbe® to bore twenty-eight (28) soil borings to a maximum depth of 14 feet bgs. Before the site investigation was conducted, ARCADIS contacted the City of Chicago (DIGGER), the utility one-call system, and worked with InTren, Inc. (Intren) of Union, Illinois, to clear underground utilities at the Site. The soil boring locations are shown on Figure 2 attached to this report.

During soil boring, ARCADIS' scientist examined and classified the soils encountered, noted the groundwater level, and obtained soil samples for chemical and headspace analysis. All soil samples were initially screened for volatile organic compounds (VOCs) by performing headspace analysis before sending to an analytical laboratory. To conduct the headspace analysis, soil samples were placed in quart size re-sealable plastic bags. A minimum of 20 minutes after sampling, a photoionization detector (PID) probe was inserted into the bag, and the highest reading was recorded on the boring logs. A headspace analysis reading is a total of all VOCs with ionization potentials less than the PID lamp intensity (10.6 eV), and provides an indication that contaminants may be present. This measurement does not provide a direct indication of the quantity of contaminants that may be present in a non-gaseous phase. ARCADIS calibrated the PID according to the manufacturer's instructions.

Based on field observations and the locations of know contamination from the previous investigation, four borings were drilled 10 feet away from SB-12 and four additional borings were drilled approximately 20 feet from SB-12. Two samples were collected from each boring and analyzed for PCBs by EPA Method SW8082 (SW3550B) and total mercury by EPA Method SW-7471A. The two samples collected from each boring 20 feet away from SB-12 were placed on hold for analysis of PCBs and mercury pending the results of the samples collected 10 feet from SB-12. Five (5) soil samples of the remaining twenty (20) borings not focused around SB-12 were tested for Toxicity Characteristic Leaching Procedure (TCLP) RCRA metals by EPA Method SW1311/6020 (SW3005A), pH by EPA Method SW9045C, and Target Compound List (TCL), which includes the following analysis: Volatile Organic Compounds (VOCs) by EPA Method SW5035/8260B, Semi-Volatile Organic

Compounds (SVOCs) by EPA Method SW8270C (SW3550B), Pesticides by EPA Method SW8081 (SW3550B), and Metals by EPA Method SW6020 (SW3050B). Fifteen (15) soil samples of the twenty (20) borings not focused around SB-12 were tested for PNAs by EPA Method SW8270C (SW3550B), PCBs by EPA Method SW8082 (SW3550B), total RCRA Metals by EPA Methods SW-7471A/SW6020 (SW3050B), TCLP metals by EPA Method SW1311/6020 (SW3005A) and SW1311/7470A, and pH by EPA Method SW9045C because these were the analytes detected during ARCADIS' May 2012 investigation. Six (6) samples were analyzed for elemental mercury via EPA Method SW7470/7471A (SW3200) where the results of total mercury exceed the construction worker inhalation objective of 0.1 mg/kg

Soil samples were collected using nitrile gloves and were retained in a cooler on ice at 4°C until delivered to the analytical laboratory, STAT Analysis, Inc (STAT) of Chicago, Illinois under strict chain-of-custody procedures.

The analytical soil sample results are summarized in Table 1. Complete laboratory analytical results are attached to this letter.

SITE GEOLOGY AND HYDROGEOLOGY

During the Site investigation, numerous variations of fill were encountered that included gravel, gravel and sand mixtures, cinders, bricks, glass, sandy silt, silty clay, clayey sand, sandy clay, and poorly graded fine grain sand. Silty clay, clayey sand, clayey silt, poorly graded fine sand, and silty sand layers were observed beneath the fill layers.

The ARCADIS scientist classified the soils according to the Unified Soil Classification System (USCS). The groundwater table was encountered in 10 of the 28 borings at depths ranging from 4.5 to 10 feet bgs while drilling. Stabilized groundwater ranged from depths of 4 to 12 feet bgs. All field observations and measurements are presented in the boring logs. The boring logs are attached to this letter.

SAMPLE ANALYTICAL RESULTS

ARCADIS collected one (1) soil sample from twenty (20) soil borings and two (2) samples from the eight soil borings located in proximity to SB-12 from ARCADIS' May 2012 investigation. Samples were collected for environmental purposes. The sample depth(s) were selected based on visual observations and PID readings. Two samples were collected from each of the four soil borings located ten (10) feet from SB-12 and analyzed PCBs and total mercury. Two samples were collected from each

of the four borings located twenty (20) feet from SB-12 and placed on hold pending results from the samples collected ten (10) feet from SB-12. Samples from five (5) soil borings were analyzed for TCL, TCLP RCRA metals, and pH. Samples from the fifteen remaining borings were analyzed for PNAs, PCBs, Total and TCLP RCRA metals, and pH. A summary of the soil analytical results are presented in Table 1 and the complete laboratory report is attached to this letter.

The analytical results were compared to the Tier 1 SROs for residential, industrial/commercial properties and construction workers from the Illinois Environmental Protection Agency's (IEPA) "Tiered Approach to Corrective Action Objectives" (TACO) dated February 23, 2007. Tier 1 analysis assumes the three potential exposure routes (ingestion, inhalation and migration to groundwater) are possible. For a specific chemical, ARCADIS used the lowest cleanup objective from the three routes for comparison. Soil that exceeds the Tier 1 residential remediation objectives is considered contaminated soil.

The Toxicity Characteristic Leaching Procedure (TCLP) is used to determine the leachable concentrations of substances of concern from solid waste and the results are compared to hazardous waste toxicity criteria defined in the RCRA, 40 CFR, Chapter 1, Section 261.24. A solid waste is considered hazardous under the toxicity characteristic if it contains any of the metals at concentrations higher than the established regulatory levels (i.e., RCRA hazardous waste toxicity criteria).

Based on the analytical results of the soil samples, VOCs, SVOCs and pesticides were not detected in the samples analyzed at levels exceeding Tier 1 residential objectives with the exception of carbazole in GP-5 (2-4). The PNAs benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected above residential SROs, but below construction worker SROs in GP-4 (8-10), GP-5 (2-4), GP-17 (2-4), and GP-18 (6-8). The RCRA metal arsenic was detected above residential SROs in GP-1 (2-4), GP-3 (10-12), GP-4 (8-10), GP-6 (6-8), GP-18 (6-8), GP-22 (10-12), GP-25 (2-4), GP-27 (3-5), and GP-28 (8-10). Lead was detected above construction worker SROs in GP-4 (8-10). Mercury was detected above construction worker SROs in GP-2 (0-2), GP-4 (8-10), GP-5 (2-4), GP-12 (2-4), GP-14 (3-5), and GP-17 (2-4). Additional analysis results to determine the semi-mobile fraction of mercury (elemental mercury) as allowed by the Illinois EPA also exceeded the construction worker inhalation objective in five (5) of the six (6) samples. Three (3) PCB compounds (Aroclor-1242, 1254 and 1260) were detected. The results combined exceeded the SRO of one (1) mg/kg in samples GP-17 (2-4) and GP-18 (6-8) and were less than one (1) mg/kg in sample GP-14 (3-5).

For the TCLP RCRA metals testing, GP-1 (2-4), GP-5 (2-4), GP-17 (2-4), and GP-18 (6-8) had results that exceeded the soil component of the Class I groundwater ingestion exposure route for cadmium. However, the total cadmium sample results do not exceed pH specific soil remediation objectives for the Class I soil component of the groundwater ingestion exposure route. Therefore, these cadmium results do not exceed the Tier 1 remediation objectives. Samples GP-1 (2-4), GP-2 (0-2), GP-3 (10-12), GP-6 (6-8), GP-15 (6-8), GP-17 (2-4), GP-18 (6-8), GP-26 (6-8), and GP-28 (8-10) exceeded the soil component of the Class I groundwater ingestion exposure route of lead. However, the total lead sample results do not exceed pH specific soil remediation objectives for the Class I soil component of the groundwater ingestion exposure route for all samples except GP-2 (0-2). Therefore, these lead results, with the exception of GP-2 (0-2), do not exceed the Tier 1 remediation objectives. Samples GP-4 (8-10) and GP-5 (2-4) exceeded the soil component of the Class II groundwater ingestion exposure route of lead. However, the total lead sample results do not exceed pH specific soil remediation objectives for the Class II soil component of the groundwater ingestion exposure route. The total lead and cadmium results do not exceed pH specific soil remediation objectives for the Class II soil component of the groundwater ingestion exposure route. Groundwater within the City of Chicago is considered Class II. Therefore, the lead and cadmium results do not exceed the Tier 1 remediation objectives for these samples.

CONCLUSIONS

ARCADIS performed a site investigation, including sampling and analysis, to further determine the extent of subsurface soil contamination at the site. Based upon the analytical results of the soil samples and field observations, soil contamination exists at levels exceeding Tier 1 SROs at several locations. The RCRA metals (except mercury) and PNA results are below the allowable construction worker levels. However, PCBs exceeded construction worker SROs in sample GP-17 (2-4) and GP-18 (6-8) and mercury exceeded construction worker SROs in samples GP-2 (0-2), GP-4 (8-10), GP-5 (2-4), GP-12 (2-4), and GP-17 (2-4). Therefore, ARCADIS recommends special construction worker precautions during construction activities. These precautions include, but are not limited to the use of a site specific safety and health program, nitrile gloves, Tyvek coveralls and boot covers near locations GP-17 (2-4) and GP-18 (6-8). Near borings GP-2 (0-2), GP-4 (8-10), GP-5 (2-4), GP-12 (2-4), and GP-17 (2-4), ARCADIS recommends mercury air monitoring during construction activities that disturb soil.

Based upon the test results, it is ARCADIS' opinion that any soil that meets the Tier 1 objectives can be re-used as backfill on site during the construction. Any soil that

exceeded the Tier 1 objectives or any soils that cannot be reused on site should be disposed of at a landfill approved by ComEd's Environmental Services Department. Based upon the sample results, the soil is characterized as a non-hazardous waste for disposal.

LIMITATIONS

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by ARCADIS and ComEd. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, express or implied, is intended or given.

To the extent that ARCADIS relied upon any information prepared by other parties not under contract to ARCADIS, ARCADIS makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of ComEd. Only ComEd has the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

Results of any investigations or testing and any findings presented in this report apply solely to conditions existing at the time when ARCADIS's investigative work was performed. It must be recognized that any such investigative or testing activities are inherently limited and do not represent a conclusive or complete characterization. Conditions in other parts of the project site may vary from those at the locations where data were collected. ARCADIS's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100% confidence in environmental investigation conclusions cannot reasonably be achieved.

ARCADIS, therefore, does not provide any guarantees, certifications, or warranties regarding any conclusions regarding environmental contamination of any such property. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

If you have any questions or need additional information, please contact us at (847) 649-2022 or (847) 649-2036.

Sincerely,

Wei-lin Feng, P.E., P.G.
Client Program Manager
ILLINOIS P.E. # 062-048678

Courtney Crenshaw
Environmental Scientist II

Attachments

Copies:
Sara Race, ComEd

Tables

Table 1.
Summary of Soil Analytical Results
ComEd Crawford GS-13 Additional Investigation
Chicago, Illinois

Analyte	Background Concentration Values of PNAs for Chicago Statistical Area	Tier 1 Residential Remediation Objective	Tier 1 Commercial / Industrial Remediation Objective	Tier 1 Construction Worker Objective	GP-1 (2-4)	GP-2 (0-2)	GP-3 (10-12)	GP-4 (8-10)	GP-5 (2-4)	GP-6 (6-8)	GP-11 (6-8)	GP-11 (10-12)	GP-12 (2-4)	GP-12 (6-8)	GP-13 (3-5)	GP-13 (8-10)	GP-14 (3-5)	GP-14 (8-10)
					07/10/2012 09:25	07/10/2012 10:50	07/10/2012 10:15	07/10/2012 11:15	07/10/2012 12:40	07/10/2012 17:10	07/10/2012 16:10	07/10/2012 16:15	07/10/2012 15:15	07/10/2012 15:20	07/10/2012 14:50	07/10/2012 14:55	07/10/2012 15:45	07/10/2012 15:50
PNAs (mg/Kg)																		
Acenaphthene	0.09	570	570	120000	< 0.037	< 0.036	< 0.039	0.15	0.67	< 0.041								
Acenaphthylene	0.03	85	85	61000	< 0.037	< 0.036	< 0.039	0.064	0.27	< 0.041								
Anthracene	0.25	12000	12000	610000	< 0.037	0.18	< 0.039	0.78	1.4	< 0.041								
Benz(a)anthracene	1.1	0.9	2	170	0.12	0.11	< 0.039	***2.7***	***3.7***	< 0.041								
Benzo(a)pyrene	1.3	0.09	0.8	17	0.11	0.11	< 0.039	***2.9***	***3***	<0.041								
Benzo(b)fluoranthene	1.5	0.9	5	170	0.12	0.1	< 0.039	***2.4***	***2.7***	< 0.041								
Benzo(g,h,i)perylene	0.58	2300	27000	61000	0.061	0.066	< 0.039	1.7	1.4	< 0.041								
Benzo(k)fluoranthene	0.99	9	49	1700	0.089	0.07	< 0.039	2	2.5	< 0.041								
Chrysene	1.2	88	160	17000	0.13	0.13	< 0.039	2.8	3.6	0.041								
Dibenz(a,h)anthracene	0.2	0.09	0.8	17	< 0.037	< 0.036	< 0.039	***0.47***	***0.53***	< 0.041								
Fluoranthene	2.7	3100	4300	82000	0.24	0.26	0.044	4.7	7.3	0.061								
Fluorene	0.1	560	560	82000	< 0.037	< 0.036	< 0.039	0.2	0.84	< 0.041								
Indeno(1,2,3-cd)pyrene	0.86	0.9	8	170	0.054	0.06	< 0.039	1.4	1.3	< 0.041								
Naphthalene	0.04	12	12	18	< 0.037	< 0.036	< 0.039	0.07	1.4	< 0.041								
Phenanthrene	1.3	200	200	61000	0.15	0.18	< 0.039	2.6	5.2	< 0.041								
Pyrene	1.9	2300	4200	61000	0.2	0.22	0.041	4.3	6.5	0.056								
PCBs (mg/Kg)																		
Aroclor 1016					< 0.09	< 0.088	< 0.095	< 0.11	< 0.089	< 0.1	< 0.092	< 0.096	< 0.097	< 0.095	< 0.099	< 0.1	< 0.094	< 0.093
Aroclor 1221					< 0.09	< 0.088	< 0.095	< 0.11	< 0.089	< 0.1	< 0.092	< 0.096	< 0.097	< 0.095	< 0.099	< 0.1	< 0.094	< 0.093
Aroclor 1232					< 0.09	< 0.088	< 0.095	< 0.11	< 0.089	< 0.1	< 0.092	< 0.096	< 0.097	< 0.095	< 0.099	< 0.1	< 0.094	< 0.093
Aroclor 1242					< 0.09	< 0.088	< 0.095	< 0.11	< 0.089	< 0.1	< 0.092	< 0.096	< 0.097	< 0.095	< 0.099	< 0.1	0.2	< 0.093
Aroclor 1248					< 0.09	< 0.088	< 0.095	< 0.11	< 0.089	< 0.1	< 0.092	< 0.096	< 0.097	< 0.095	< 0.099	< 0.1	< 0.094	< 0.093
Aroclor 1254					< 0.09	< 0.088	< 0.095	< 0.11	< 0.089	< 0.1	< 0.092	< 0.096	< 0.097	< 0.095	< 0.099	< 0.1	0.18	< 0.093
Aroclor 1260		Sum <1	Sum <1	Sum <1	< 0.09	< 0.088	< 0.095	< 0.11	< 0.089	< 0.1	< 0.092	< 0.096	< 0.097	< 0.095	< 0.099	< 0.1	0.17	< 0.093
Analyte	**Background for Metropolitan Area**	**Tier 1 Residential Remediation Objective**	**Commercial / Industrial Remediation Objective**	**Construction Worker Objective**														
RCRA Metals (mg/Kg)																		
Arsenic	13	13**	13**	61	30	9.6	***16***	***21***	13	14								
Barium	110	5500	140000	14000	65	290	47	550	130	44								
Cadmium	0.6	78	2000	200	1.1	1.1	< 0.59	2.3	2	0.77								
Chromium	16.2	230	420	690	16	16	16	27	24	17								
Lead	36	400	800	700	50	220	47	***1200***	240	42								
Mercury	0.06	10	16	0.1*	0.045	***0.54***	0.032	***7.2***	***0.23***	0.03	0.024	0.03	***0.38***	0.022	0.092	0.038	***0.3***	0.03
Semi-mobile (elemental) mercur				0.1*		***0.15***		***1.5***	***0.13***				***0.4***				0.081	
Selenium	0.48	390	10000	1000	1.4	1.3	< 1.2	2.3	1.3	< 1.2								
Silver	0.55	390	10000	1000	< 1.1	< 1.1	< 1.2	< 1.3	< 1.1	< 1.2								
Analyte	**RCRA Regulatory Level**	**Soil Component of the Groundwater Ingestion Exposure Route Class I**	**Soil Component of the Groundwater Ingestion Exposure Route Class II**															
TCLP Metals (mg/L)																		
Arsenic	5	0.05	0.2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								
Barium	100	2	2		< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5								
Cadmium	1	0.005	0.05		***0.0091***	< 0.005	< 0.005	< 0.005	***0.012***	< 0.005								
Chromium	5	0.1	1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								
Lead	5	0.0075	0.1		***0.018***	***0.04***	***0.073***	***1.6***	***0.11***	***0.015***								
Mercury	0.2	0.002	0.01		< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002								
Selenium	1	0.05	0.05		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								
Silver	5	0.05	---		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								
pH			2.0 < pH < 12.5		7.5	7.8	8.1	7.6	7.5	7.3								

Note
* Tier 1 inhalation exposure route-specific values for soils was considered for comparison.
**-Background Tier 1 remediation value for soil ingestion under 35 IAC 742 "For the ingestion route for arsenic, see 742 Appendix A, Table G."
Bold and Italicized analytical value Exceeded residential remediation objective
Bold Italicized and Highlighted analytical value Exceeded construction worker remediation objective

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Table 1.
Summary of Soil Analytical Results
ComEd Crawford GS-13 Additional Investigation
Chicago, Illinois

Analyte		Tier 1 Residential Remediation Objective	Tier 1 Commercial / Industrial Remediation Objective	Tier 1 Construction Worker Objective	GP-1 (2-4)	GP-2 (0-2)	GP-3 (10-12)	GP-4 (8-10)	GP-5 (2-4)	GP-6 (6-8)	GP-11 (6-8)	GP-11 (10-12)	GP-12 (2-4)	GP-12 (6-8)	GP-13 (3-5)	GP-13 (8-10)	GP-14 (3-5)	GP-14 (8-10)
VOCs (mg/Kg)					07/10/2012 09:25	07/10/2012 10:10	07/10/2012 10:15	07/10/2012 11:15	07/10/2012 12:40	07/10/2012 12:10	07/10/2012 16:10	07/10/2012 16:15	07/10/2012 15:15	07/10/2012 15:25	07/10/2012 14:15	07/10/2012 14:55	07/10/2012 15:45	07/10/2012 15:50
Acetone		25	25	100000				< 0.095	< 0.08									
Benzene		0.03	0.03	2.2				< 0.0063	< 0.0054									
Bromodichloromethane		0.6	0.6	2000				< 0.0063	< 0.0054									
Bromoform		0.8	0.8	140				< 0.0063	< 0.0054									
Bromomethane		0.2	0.2	3.9				< 0.013	< 0.011									
2-Butanone		NA	NA	NA				< 0.095	< 0.08									
Carbon disulfide		32	32	9				< 0.063	< 0.054									
Carbon tetrachloride		0.07	0.07	0.9				< 0.0063	< 0.0054									
Chlorobenzene		1	1	1.3				< 0.0063	< 0.0054									
Chloroethane		NA	NA	97				< 0.013	< 0.011									
Chloroform		0.3	0.3	0.76				< 0.0063	< 0.0054									
Chloromethane		NA	NA	11				< 0.013	< 0.011									
Dibromochloromethane		0.4	0.4	1300				< 0.0063	< 0.0054									
1,1-Dichloroethane		23	23	130				< 0.0063	< 0.0054									
1,2-Dichloroethane		0.02	0.02	0.99				< 0.0063	< 0.0054									
1,1-Dichloroethene		0.06	0.06	3				< 0.0063	< 0.0054									
cis-1,2-Dichloroethene		0.4	0.4	1200				< 0.0063	< 0.0054									
trans-1,2-Dichloroethene		0.7	0.7	3100				< 0.0063	< 0.0054									
1,2-Dichloropropane		0.03	0.03	0.5				< 0.0063	< 0.0054									
cis-1,3-Dichloropropene		0.004*	0.004*	0.39*				< 0.0025	< 0.0021									
trans-1,3-Dichloropropene		0.004*	0.004*	0.39*				< 0.0025	< 0.0021									
Ethylbenzene		13	13	58				< 0.0063	< 0.0054									
2-Hexanone		NA	NA	NA				< 0.025	< 0.021									
4-Methyl-2-pentanone		NA	NA	NA				< 0.025	< 0.021									
Methylene chloride		0.02	0.02	34				< 0.013	< 0.011									
Methyl tert-butyl ether		0.32	0.32	140				< 0.0063	< 0.0054									
Styrene		4	4	430				< 0.0063	< 0.0054									
1,1,2,2-Tetrachloroethane		2000	2000	2000				< 0.0063	< 0.0054									
Tetrachloroethene		0.06	0.06	28				< 0.0063	< 0.0054									
Toluene		12	12	42				< 0.0063	< 0.0054									
1,1,1-Trichloroethane		2	2	1200				< 0.0063	< 0.0054									
1,1,2-Trichloroethane		0.02	0.02	1600				< 0.0063	< 0.0054									
Trichloroethene		0.06	0.06	12				< 0.0063	< 0.0054									
Vinyl chloride		0.01	0.01	1.1				< 0.0063	< 0.0054									
Xylenes, Total		150	150	5.6				< 0.019	< 0.016									
Pesticides (mg/Kg)																		
4,4'-DDD		3	16	520				< 0.0022	< 0.0018									
4,4'-DDE		2	17	370				< 0.0022	< 0.0018									
4,4'-DDT		2	17	100				< 0.0022	< 0.0018									
Aldrin		0.124	0.3	6.1				< 0.0022	< 0.0018									
alpha-BHC		0.0005	0.0005	2.1				< 0.0022	< 0.0018									
alpha-Chlordane								< 0.0022	< 0.0018									
beta-BHC								< 0.0022	< 0.0018									
Chlordane		1.8	10	22				< 0.046	< 0.037									
delta-BHC								< 0.0022	< 0.0018									
Dieldrin		0.004	0.004	3.1				< 0.0022	< 0.0018									
Endosulfan I								< 0.0022	< 0.0018									
Endosulfan II								< 0.0022	< 0.0018									
Endosulfan sulfate								< 0.0022	< 0.0018									
Endrin		1	1	61				< 0.0022	< 0.0018									
Endrin aldehyde								< 0.0022	< 0.0018									
Endrin ketone								< 0.0022	< 0.0018									
gamma-BHC		0.009	0.009	96				< 0.0022	< 0.0018									
gamma-Chlordane								< 0.0022	< 0.0018									
Heptachlor		0.1	1	16				< 0.0022	< 0.0018									
Heptachlor epoxide		0.07	0.6	2.7				< 0.0022	< 0.0018									
Methoxychlor		160	160	1000				< 0.0022	< 0.0018									
Toxaphene		0.6	5.2	110				< 0.046	< 0.037									

Note
NA - Not Available
* - Tier 1 inhalation exposure route-specific values for soils was considered for comparison.
**-Background. Tier 1 remediation value for soil ingestion under 35 IAC 742. "For the ingestion route for arsenic, see 742,Appendix A, Table G."
Bold and Italicized analytical value: Exceeded residential remediation objective
Bold, Italicized and Highlighted analytical value: Exceeded construction worker remediation objective

COMC0000388

Table 1.
Summary of Soil Analytical Results
ComEd Crawford GS-13 Additional Investigation
Chicago, Illinois

Analyte		Tier 1 Residential Remediation Objective	Tier 1 Commercial / Industrial Remediation Objective	Tier 1 Construction Worker Objective	GP-1 (2-4)	GP-2 (0-2)	GP-3 (10-12)	GP-4 (8-10)	GP-5 (2-4)	GP-6 (6-8)	GP-11 (5-8)	GP-11 (10-12)	GP-12 (2-4)	GP-12 (6-8)	GP-13 (3-5)	GP-13 (8-10)	GP-14 (3-5)	GP-14 (8-10)
SVOCs (mg/Kg)					07/10/2012 09:25	07/10/2012 10:50	07/10/2012 10:15	07/10/2012 11:15	07/10/2012 12:40	07/10/2012 12:10	07/10/2012 15:10	07/10/2012 15:15	07/10/2012 15:15	07/10/2012 15:20	07/10/2012 14:50	07/10/2012 14:55	07/10/2012 15:45	07/10/2012 15:50
Aniline								< 0.47	< 0.37									
Benzidine								< 0.46	< 0.37									
Benzoic acid		400	400	820000				< 1.2	< 0.93									
Benzyl alcohol								< 0.24	< 0.19									
Bis(2-chloroethoxy)methane								< 0.24	< 0.19									
Bis(2-chloroethyl)ether		0.0004	0.0004	0.66				< 0.24	< 0.19									
Bis(2-ethylhexyl)phthalate		46	410	4100				< 1.2	< 0.93									
4-Bromophenyl phenyl ether								< 0.24	< 0.19									
Butyl benzyl phthalate		930	930	930				< 0.24	< 0.19									
Carbazole		0.6	0.6	6200				< 0.24	0.64									
4-Chloroaniline		0.7	0.7	820				< 0.24	< 0.19									
4-Chloro-3-methylphenol								< 0.46	< 0.37									
2-Chloronaphthalene								< 0.24	< 0.19									
2-Chlorophenol		4	4	10000				< 0.24	< 0.19									
4-Chlorophenyl phenyl ether								< 0.24	< 0.19									
Dibenzofuran								< 0.24	0.68									
1,2-Dichlorobenzene		17	17	310				< 0.24	< 0.19									
1,3-Dichlorobenzene								< 0.24	< 0.19									
1,4-Dichlorobenzene		2	2	340				< 0.24	< 0.19									
3,3'-Dichlorobenzidine		0.007	0.007	290				< 0.24	< 0.19									
2,4-Dichlorophenol		1	1	610				< 0.24	< 0.19									
Diethyl phthalate		470	470	2000				< 0.24	< 0.19									
2,4-Dimethylphenol		9	9	41000				< 0.24	< 0.19									
Dimethyl phthalate								< 0.24	< 0.19									
4,6-Dinitro-2-methylphenol								< 0.46	< 0.37									
2,4-Dinitrophenol		0.2	0.2	410				< 1.2	< 0.93									
2,4-Dinitrotoluene		0.0008	0.0008	180				< 0.046	< 0.037									
2,6-Dinitrotoluene		0.0007	0.0007	180				< 0.046	< 0.037									
Di-n-butyl phthalate		2300	2300	2300				< 0.24	< 0.19									
Di-n-octyl phthalate		1600	10000	4100				< 0.24	< 0.19									
Hexachlorobenzene		0.4	1.8	2.6				< 0.24	< 0.19									
Hexachlorobutadiene								< 0.24	< 0.19									
Hexachlorocyclopentadiene		1.1	16	1.1				< 0.24	< 0.19									
Hexachloroethane		0.5	0.5	2000				< 0.24	< 0.19									
Isophorone		8	8	4600				< 0.24	< 0.19									
2-Methylnaphthalene								< 0.24	0.67									
2-Methylphenol		15	15	100000				< 0.24	< 0.19									
4-Methylphenol								< 0.24	< 0.19									
2-Nitroaniline								< 0.24	< 0.19									
3-Nitroaniline								< 0.24	< 0.19									
4-Nitroaniline								< 0.24	< 0.19									
2-Nitrophenol								< 0.24	< 0.19									
4-Nitrophenol								< 0.46	< 0.37									
Nitrobenzene		0.1	0.1	9.4				< 0.046	< 0.037									
N-Nitrosodi-n-propylamine		0.00005	0.00005	18				< 0.046	< 0.037									
N-Nitrosodimethylamine								< 0.24	< 0.19									
N-Nitrosodiphenylamine		1	1	25000				< 0.046	< 0.037									
2,2'-oxybis(1-Chloropropane)								< 0.24	< 0.19									
Pentachlorophenol		0.03	0.03	520				< 0.046	< 0.037									
Phenol		100	100	61000				< 0.24	< 0.19									
Pyridine								< 0.94	< 0.75									
1,2,4-Trichlorobenzene		5	5	920				< 0.24	< 0.19									
2,4,5-Trichlorophenol		270	270	200000				< 0.24	< 0.19									
2,4,6-Trichlorophenol		0.2	0.2	540				< 0.24	< 0.19									

Analyte	Residential		Construction Worker		GP-1 (2-4)	GP-2 (0-2)	GP-3 (10-12)	GP-4 (8-10)	GP-5 (2-4)	GP-6 (6-8)	GP-11 (6-8)	GP-11 (10-12)	GP-12 (2-4)	GP-12 (6-8)	GP-13 (3-5)	GP-13 (8-10)	GP-14 (3-5)	GP-14 (8-10)
TCL Inorganics (mg/Kg)	Ingestion	Inhalation	Ingestion	Inhalation	07/10/2012 09:25	07/10/2012 10:50	07/10/2012 10:15	07/10/2012 11:15	07/10/2012 12:40	07/10/2012 12:10	07/10/2012 15:10	07/10/2012 15:15	07/10/2012 15:15	07/10/2012 15:20	07/10/2012 14:50	07/10/2012 14:55	07/10/2012 15:45	07/10/2012 15:50
Aluminum	78,000	1,000,000	410,000	870,000				5,400	8,700									
Antimony	31		82					< 2.7	< 2.2									
Arsenic	13**	750	61	25,000				21	13									
Barium	5,500	690,000	14,000	870,000				550	130									
Beryllium	160	1,300	410	44,000				< 0.67	0.77									
Cadmium	78	1,800	200	59,000				2.3	2									
Calcium								27,000	63,000									
Chromium			4,100	690				27	24									
Cobalt	4,700		12,000					10	11									
Copper	2,900		8,200					170	81									
Cyanide	1,600		4,100					0.76	< 0.28									
Iron			140,000					110,000	35,000									
Lead	400		700					1,200	240									
Magnesium	325,000		730,000					6,900	28,000									
Manganese	1,600	69,000	4,100	8,700				520	410									
Mercury	23	10	61	0.1				7.2	0.23									
Nickel	1,600	13,000	4,100	440,000				30	32									
Potassium								1,000	1,500									
Selenium	390		1,000					2.3	1.3									
Silver	390		1,000					< 1.3	< 1.1									
Sodium								300	370									
Thallium	6.3		160					< 1.3	1.3									
Vanadium			1,400					18	26									
Zinc	23,000		61,000					1,400	400									

Note
**-Background Tier 1 remediation value for soil ingestion under 35 IAC 742. "For the ingestion route for arsenic, see 742 Appendix A, Table G."

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Table 1.
Summary of Soil Analytical Results
ComEd Crawford GS-13 Additional Investigation
Chicago, Illinois

Analyte	Background Concentration Values of PNAs for Chicago Statistical Area	Tier 1 Residential Remediation Objective	Tier 1 Commercial / Industrial Remediation Objective	Tier 1 Construction Worker Objective	GP-15 (6-8)	GP-16 (2-4)	GP-17 (2-4)	GP-18 (6-8)	GP-19 (6-8)	GP-20 (2-4)	GP-21 (3-5)	GP-22 (10-12)	GP-23 (5-7)	GP-24 (8-10)	GP-25 (2-4)	GP-26 (6-8)	GP-27 (3-5)	GP-28 (8-10)
PNAs (mg/Kg)					07/11/2012 10:20	07/11/2012 09:46	07/11/2012 09:15	07/11/2012 08:50	07/11/2012 10:35	07/11/2012 14:48	07/11/2012 11:00	07/11/2012 11:25	07/11/2012 12:50	07/11/2012 11:54	07/11/2012 13:15	07/11/2012 13:35	07/11/2012 14:01	07/11/2012 14:25
Acenaphthene	0.09	570	570	120000	< 0.039	< 0.036	0.67	0.76	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.039
Acenaphthylene	0.03	85	85	61000	< 0.039	< 0.036	1.6	1.2	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.039
Anthracene	0.25	12000	12000	610000	< 0.039	< 0.036	1.9	2.2	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.039
Benz(a)anthracene	1.1	0.9	2	170	< 0.039	0.056	3.9	3.7	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.039
Benzo(a)pyrene	1.3	0.09	0.8	17	< 0.039	0.078	3.9	3.9	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.039
Benzo(b)fluoranthene	1.5	0.9	5	170	< 0.039	0.074	3.7	3.5	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.039
Benzo(g,h,i)perylene	0.68	2300	27000	61000	< 0.039	0.065	3.6	3.5	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.039
Benzo(k)fluoranthene	0.99	9	49	1700	< 0.039	< 0.036	2.7	2.5	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.039
Chrysene	1.2	88	160	17000	< 0.039	0.13	4.5	4.2	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	0.045	< 0.039
Dibenz(a,h)anthracene	0.2	0.09	0.8	17	< 0.039	< 0.036	1.2	1.3	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.039
Fluoranthene	2.7	3100	4300	82000	< 0.039	0.2	13	14	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.039
Fluorene	0.1	560	560	82000	< 0.039	< 0.036	0.72	0.95	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.039
Indeno(1,2,3-cd)pyrene	0.85	0.9	8	170	< 0.039	< 0.036	2.4	2.7	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.039
Naphthalene	0.04	12	12	1.8	< 0.039	0.048	0.55	0.48	< 0.04	< 0.04	< 0.039	0.039	< 0.039	< 0.038	0.061	< 0.041	< 0.037	< 0.039
Phenanthrene	1.3	200	200	61000	< 0.039	0.22	9	10	< 0.04	< 0.04	< 0.039	0.042	< 0.039	0.048	0.096	0.063	0.047	0.043
Pyrene	1.9	2300	4200	61000	< 0.039	0.18	9.8	11	< 0.04	< 0.04	< 0.039	< 0.037	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.039
PCBs (mg/Kg)																		
Aroclor 1016					< 0.093	< 0.088	< 0.097	< 0.098	< 0.094	< 0.097	< 0.096	< 0.091	< 0.093	< 0.092	< 0.089	< 0.1	< 0.09	< 0.094
Aroclor 1221					< 0.093	< 0.088	< 0.097	< 0.098	< 0.094	< 0.097	< 0.096	< 0.091	< 0.093	< 0.092	< 0.089	< 0.1	< 0.09	< 0.094
Aroclor 1232					< 0.093	< 0.088	< 0.097	< 0.098	< 0.094	< 0.097	< 0.096	< 0.091	< 0.093	< 0.092	< 0.089	< 0.1	< 0.09	< 0.094
Aroclor 1242					< 0.093	< 0.088	0.5	0.47	< 0.094	< 0.097	< 0.096	< 0.091	< 0.093	< 0.092	< 0.089	< 0.1	< 0.09	< 0.094
Aroclor 1248					< 0.093	< 0.088	< 0.097	< 0.098	< 0.094	< 0.097	< 0.096	< 0.091	< 0.093	< 0.092	< 0.089	< 0.1	< 0.09	< 0.094
Aroclor 1254					< 0.093	< 0.088	0.48	0.5	< 0.094	< 0.097	< 0.096	< 0.091	< 0.093	< 0.092	< 0.089	< 0.1	< 0.09	< 0.094
Aroclor 1260		Sum <1	Sum <1	Sum <1	< 0.093	< 0.088	0.25	0.26	< 0.094	< 0.097	< 0.096	< 0.091	< 0.093	< 0.092	< 0.089	< 0.1	< 0.09	< 0.094
Analyte	***Background for Metropolitan Area***	**Tier 1 *Residential* Remediation Objective**	**Commercial / *Industrial* Remediation Objective**	***Construction* Worker Objective**														
RCRA Metals (mg/Kg)																		
Arsenic	13	13**	13**	61	1.9	12	12	14	2	8.2	4	17	11	8.3	16	12	17	18
Barium	110	5500	140000	14000	50	28	66	56	29	120	71	21	70	24	15	17	21	7.6
Cadmium	0.6	78	2000	200	< 0.59	< 0.54	1	1.1	< 0.66	0.75	0.54	< 0.59	< 0.53	< 0.5*	< 0.54	< 0.59	< 0.55	< 0.59
Chromium	16.2	230	420	690	16	11	20	19	14	21	20	8.8	15	19	7.8	8.5	9	7.9
Lead	35	400	800	700	21	24	71	46	21	42	30	24	15	17	24	16	25	25
Mercury	0.06	10	16	0.1*	0.024	0.022	0.36	0.096	0.032	0.037	0.026	0.027	0.022	< 0.022	0.02	< 0.02	0.028	< 0.022
Semi-mobile (elemental) mercur				0.1*			0.89											
Selenium	0.48	390	10000	1000	< 1.2	< 1.1	< 1.2	< 1.1	< 1.3	1.3	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.2	< 1.1	< 1.2
Silver	0.55	390	10000	1000	< 1.2	< 1.1	< 1.2	< 1.1	< 1.3	< 1.2	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.2	< 1.1	< 1.2
Analyte	**RCRA Regulatory Level**	**Soil Component of the Groundwater Ingestion Exposure Route Class I**	**Soil Component of the Groundwater Ingestion Exposure Route Class II**															
TCLP Metals (mg/L)																		
Arsenic	5	0.05	0.2		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Barium	100	2	2		< 0.5	< 0.5	< 0.5	0.60	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.74	< 0.5	< 0.5
Cadmium	1	0.005	0.05		< 0.005	< 0.005	0.047	0.014	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chromium	5	0.1	1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Lead	5	0.0075	0.1		0.0076	< 0.005	0.047	0.071	0.0055	< 0.005	0.0052	0.0059	< 0.005	< 0.005	0.0051	0.0086	0.0055	0.0076
Mercury	0.2	0.002	0.01		< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Selenium	1	0.05	0.05		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Silver	5	0.05	—		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
pH		2.0 < pH < 12.5			8.0	7.3	6.9	7.6	7.4	8.0	8.0	8.4	8.1	8.2	8.3	7.8	8.3	7.6

Note
* - Tier 1 inhalation exposure route-specific values for soils was considered for comparison.
**-Background Tier 1 remediation value for soil ingestion under 35 IAC 742. "For the ingestion route for are
Bold and Italicized analytical value Exceeded residential remediation objective
Bold Italicized and Highlighted analytical value Exceeded construction worker remediation objective

COMC0000390

Table 1.
Summary of Soil Analytical Results
ComEd Crawford GS-13 Additional Investigation
Chicago, Illinois

Analyte		Tier 1 Residential Remediation Objective	Tier 1 Commercial / Industrial Remediation Objective	Tier 1 Construction Worker Objective	GP-15 (6-8)	GP-16 (2-4)	GP-17 (2-4)	GP-18 (6-8)	GP-19 (6-8)	GP-20 (2-4)	GP-21 (3-5)	GP-22 (10-12)	GP-23 (5-7)	GP-24 (8-10)	GP-25 (2-4)	GP-26 (6-8)	GP-27 (3-5)	GP-28 (8-10)
VOCs (mg/Kg)					07/11/2012 10:20	07/11/2012 09:34	07/11/2012 09:13	07/11/2012 08:50	07/11/2012 10:35	07/11/2012 14:48	07/11/2012 11:00	07/11/2012 11:25	07/11/2012 13:50	07/11/2012 11:51	07/11/2012 12:15	07/11/2012 13:35	07/11/2012 14:01	07/11/2012 14:28
Acetone		25	25	100000								< 0.083	< 0.069					< 0.077
Benzene		0.03	0.03	2.2								< 0.0055	< 0.0046					< 0.0052
Bromodichloromethane		0.6	0.6	2000								< 0.0055	< 0.0046					< 0.0052
Bromoform		0.8	0.8	140								< 0.0055	< 0.0046					< 0.0052
Bromomethane		0.2	0.2	3.9								< 0.011	< 0.0092					< 0.01
2-Butanone		NA	NA	NA								< 0.083	< 0.069					< 0.077
Carbon disulfide		32	32	9								< 0.055	< 0.046					< 0.052
Carbon tetrachloride		0.07	0.07	0.9								< 0.0055	< 0.0046					< 0.0052
Chlorobenzene		1	1	1.3								< 0.0055	< 0.0046					< 0.0052
Chloroethane		NA	NA	97								< 0.011	< 0.0092					< 0.01
Chloroform		0.3	0.3	0.76								< 0.0055	< 0.0046					< 0.0052
Chloromethane		NA	NA	17								< 0.011	< 0.0092					< 0.01
Dibromochloromethane		0.4	0.4	1300								< 0.0055	< 0.0046					< 0.0052
1,1-Dichloroethane		23	23	130								< 0.0055	< 0.0046					< 0.0052
1,2-Dichloroethane		0.02	0.02	0.39								< 0.0055	< 0.0046					< 0.0052
1,1-Dichloroethene		0.06	0.06	3								< 0.0055	< 0.0046					< 0.0052
cis-1,2-Dichloroethene		0.4	0.4	1200								< 0.0055	< 0.0046					< 0.0052
trans-1,2-Dichloroethene		0.7	0.7	3100								< 0.0055	< 0.0046					< 0.0052
1,2-Dichloropropane		0.03	0.03	0.5								< 0.0055	< 0.0046					< 0.0052
cis-1,3-Dichloropropene		0.004*	0.004*	0.35*								< 0.0022	< 0.0018					< 0.0021
trans-1,3-Dichloropropene		0.004*	0.004*	0.35*								< 0.0022	< 0.0018					< 0.0021
Ethylbenzene		13	13	58								< 0.0055	< 0.0046					< 0.0052
2-Hexanone		NA	NA	NA								< 0.022	< 0.018					< 0.021
4-Methyl-2-pentanone		NA	NA	NA								< 0.022	< 0.018					< 0.021
Methylene chloride		0.02	0.02	34								< 0.011	< 0.0092					< 0.01
Methyl tert-butyl ether		0.32	0.32	140								< 0.0055	< 0.0046					< 0.0052
Styrene		4	4	430								< 0.0055	< 0.0046					< 0.0052
1,1,2,2-Tetrachloroethane		2000	2000	2000								< 0.0055	< 0.0046					< 0.0052
Tetrachloroethene		0.06	0.06	28								< 0.0055	< 0.0046					< 0.0052
Toluene		12	12	42								< 0.0055	< 0.0046					< 0.0052
1,1,1-Trichloroethane		2	2	1200								< 0.0055	< 0.0046					< 0.0052
1,1,2-Trichloroethane		0.02	0.02	1800								< 0.0055	< 0.0046					< 0.0052
Trichloroethene		0.06	0.06	12								< 0.0055	< 0.0046					< 0.0052
Vinyl chloride		0.01	0.01	1.1								< 0.0055	< 0.0046					< 0.0052
Xylenes, Total		150	150	5.6								< 0.017	< 0.014					< 0.015
Pesticides [mg/Kg]																		
4,4'-DDD		3	16	520								< 0.0018	< 0.0019					< 0.0019
4,4'-DDE		2	17	370								< 0.0018	< 0.0019					< 0.0019
4,4'-DDT		2	17	100								< 0.0018	< 0.0019					< 0.0019
Aldrin		0.124	0.3	5.1								< 0.0018	< 0.0019					< 0.0019
alpha-BHC		0.0005	0.0005	2.1								< 0.0018	< 0.0019					< 0.0019
alpha-Chlordane												< 0.0018	< 0.0019					< 0.0019
beta-BHC												< 0.0018	< 0.0019					< 0.0019
Chlordane		1.8	10	22								< 0.037	< 0.039					< 0.039
delta-BHC												< 0.0018	< 0.0019					< 0.0019
Dieldrin		0.004	0.004	3.1								< 0.0018	< 0.0019					< 0.0019
Endosulfan I												< 0.0018	< 0.0019					< 0.0019
Endosulfan II												< 0.0018	< 0.0019					< 0.0019
Endosulfan sulfate												< 0.0018	< 0.0019					< 0.0019
Endrin		1	1	61								< 0.0018	< 0.0019					< 0.0019
Endrin aldehyde												< 0.0018	< 0.0019					< 0.0019
Endrin ketone												< 0.0018	< 0.0019					< 0.0019
gamma-BHC		0.009	0.009	96								< 0.0018	< 0.0019					< 0.0019
gamma-Chlordane												< 0.0018	< 0.0019					< 0.0019
Heptachlor		0.1	1	16								< 0.0018	< 0.0019					< 0.0019
Heptachlor epoxide		0.07	0.6	2.7								< 0.0018	< 0.0019					< 0.0019
Methoxychlor		160	160	1000								< 0.0018	< 0.0019					< 0.0019
Toxaphene		0.6	5.2	110								< 0.037	< 0.039					< 0.039

Note
NA - Not Available
* - Tier 1 inhalation exposure route-specific values for soils was considered for comparison.
**-Background Tier 1 remediation value for soil ingestion under 35 IAC 742. *For the ingestion route for ars
Bold and Italicized analytical value: Exceeded residential remediation objective
Bold, Italicized and Highlighted analytical value: Exceeded construction worker remediation objective

COMC0000391

Table 1.
Summary of Soil Analytical Results
ComEd Crawford GS-13 Additional Investigation
Chicago, Illinois

Analyte		Tier 1 Residential Remediation Objective	Tier 1 Commercial / Industrial Remediation Objective	Tier 1 Construction Worker Objective	GP-15 (6-8)	GP-16 (2-4)	GP-17 (2-4)	GP-18 (6-8)	GP-19 (6-8)	GP-20 (2-4)	GP-21 (3-5)	GP-22 (10-12)	GP-23 (5-7)	GP-24 (8-10)	GP-25 (2-4)	GP-26 (6-8)	GP-27 (3-5)	GP-28 (8-10)
SVOCs (mg/Kg)					07/11/2012 10:20	07/11/2012 09:45	07/11/2012 09:15	07/11/2012 08:50	07/11/2012 10:35	07/11/2012 14:44	07/11/2012 11:00	07/11/2012 11:25	07/11/2012 12:50	07/11/2012 11:51	07/11/2012 13:15	07/11/2012 13:35	07/11/2012 14:01	07/11/2012 14:25
Aniline												< 0.38	< 0.39					< 0.4
Benzidine												< 0.37	< 0.39					< 0.39
Benzoic acid		400	400	820000								< 0.94	< 0.97					< 0.96
Benzyl alcohol												< 0.19	< 0.2					< 0.2
Bis(2-chloroethoxy)methane												< 0.19	< 0.2					< 0.2
Bis(2-chloroethyl)ether		0.0004	0.0004	0.66								< 0.19	< 0.2					< 0.2
Bis(2-ethylhexyl)phthalate		45	410	4100								< 0.94	< 0.97					< 0.99
4-Bromophenyl phenyl ether												< 0.19	< 0.2					< 0.2
Butyl benzyl phthalate		930	930	930								< 0.19	< 0.2					< 0.2
Carbazole		0.6	0.6	6200								< 0.19	< 0.2					< 0.2
4-Chloroaniline		0.7	0.7	820								< 0.19	< 0.2					< 0.2
4-Chloro-3-methylphenol												< 0.37	< 0.39					< 0.39
2-Chloronaphthalene												< 0.19	< 0.2					< 0.2
2-Chlorophenol		4	4	10000								< 0.19	< 0.2					< 0.2
4-Chlorophenyl phenyl ether												< 0.19	< 0.2					< 0.2
Dibenzofuran												< 0.19	< 0.2					< 0.2
1,2-Dichlorobenzene		17	17	310								< 0.19	< 0.2					< 0.2
1,3-Dichlorobenzene												< 0.19	< 0.2					< 0.2
1,4-Dichlorobenzene		2	2	340								< 0.19	< 0.2					< 0.2
3,3'-Dichlorobenzidine		0.007	0.007	280								< 0.19	< 0.2					< 0.2
2,4-Dichlorophenol		1	1	610								< 0.19	< 0.2					< 0.2
Diethyl phthalate		470	470	2000								< 0.19	< 0.2					< 0.2
2,4-Dimethylphenol		9	9	41000								< 0.19	< 0.2					< 0.2
Dimethyl phthalate												< 0.19	< 0.2					< 0.2
4,6-Dinitro-2-methylphenol												< 0.37	< 0.39					< 0.39
2,4-Dinitrophenol		0.2	0.2	410								< 0.94	< 0.97					< 0.99
2,4-Dinitrotoluene		0.0008	0.0008	180								< 0.037	< 0.039					< 0.039
2,6-Dinitrotoluene		0.0007	0.0007	180								< 0.037	< 0.039					< 0.039
Di-n-butyl phthalate		2300	2300	2300								< 0.19	< 0.2					< 0.2
Di-n-octyl phthalate		1600	10000	4100								< 0.19	< 0.2					< 0.2
Hexachlorobenzene		0.4	1.8	2.6								< 0.19	< 0.2					< 0.2
Hexachlorobutadiene												< 0.19	< 0.2					< 0.2
Hexachlorocyclopentadiene		1.1	16	1.1								< 0.19	< 0.2					< 0.2
Hexachloroethane		0.5	0.5	2000								< 0.19	< 0.2					< 0.2
Isophorone		8	8	4600								< 0.19	< 0.2					< 0.2
2-Methylnaphthalene												< 0.19	< 0.2					< 0.2
2-Methylphenol		15	15	100000								< 0.19	< 0.2					< 0.2
4-Methylphenol												< 0.19	< 0.2					< 0.2
2-Nitroaniline												< 0.19	< 0.2					< 0.2
3-Nitroaniline												< 0.19	< 0.2					< 0.2
4-Nitroaniline												< 0.19	< 0.2					< 0.2
2-Nitrophenol												< 0.19	< 0.2					< 0.2
4-Nitrophenol												< 0.37	< 0.39					< 0.39
Nitrobenzene		0.1	0.1	9.4								< 0.037	< 0.039					< 0.039
N-Nitrosodi-n-propylamine		0.00005	0.00005	18								< 0.037	< 0.039					< 0.039
N-Nitrosodimethylamine												< 0.19	< 0.2					< 0.2
N-Nitrosodiphenylamine		1	1	25000								< 0.037	< 0.039					< 0.039
2,2'-oxybis(1-Chloropropane)												< 0.19	< 0.2					< 0.2
Pentachlorophenol		0.03	0.03	520								< 0.037	< 0.039					< 0.039
Phenol		100	100	61000								< 0.19	< 0.2					< 0.2
Pyridine												< 0.76	< 0.78					< 0.8
1,2,4-Trichlorobenzene		5	5	920								< 0.19	< 0.2					< 0.2
2,4,5-Trichlorophenol		270	270	200000								< 0.19	< 0.2					< 0.2
2,4,6-Trichlorophenol		0.2	0.2	540								< 0.19	< 0.2					< 0.2

Analyte	Residential		Construction Worker		GP-15 (6-8)	GP-16 (2-4)	GP-17 (2-4)	GP-18 (6-8)	GP-19 (6-8)	GP-20 (2-4)	GP-21 (3-5)	GP-22 (10-12)	GP-23 (5-7)	GP-24 (8-10)	GP-25 (2-4)	GP-26 (6-8)	GP-27 (3-5)	GP-28 (8-10)
TCL Inorganics (mg/Kg)	Ingestion	Inhalation	Ingestion	Inhalation	07/11/2012 10:20	07/11/2012 09:45	07/11/2012 09:15	07/11/2012 08:50	07/11/2012 10:35	07/11/2012 14:44	07/11/2012 11:00	07/11/2012 11:25	07/11/2012 12:50	07/11/2012 11:51	07/11/2012 13:15	07/11/2012 13:35	07/11/2012 14:01	07/11/2012 14:25
Aluminum	78,000	1,000,000	410,000	870,000								5000	12000					4000
Antimony	3*		82									< 2.4	< 2.1					< 2.4
Arsenic	13**	750	61	25,000								17	11					18
Barium	5,500	690,000	14,000	870,000								27	70					7.6
Beryllium	160	1,300	410	44,000								< 0.59	< 0.53					< 0.59
Cadmium	78	1,800	200	59,000								< 0.59	< 0.53					< 0.59
Calcium												87000	66000					94000
Chromium			4,100	690								8.8	19					7.9
Cobalt	4,700		12,000									12	12					12
Copper	2,900		8,200									37	23					42
Cyanide	1,600		4,100									< 0.28	< 0.29					< 0.3
Iron			140,000									28000	35000					27000
Lead	400		700									24	15					25
Magnesium	325,000		730,000									48000	31000					52000
Manganese	1,600	69,000	4,100	8,700								600	380					680
Mercury	23	10	61	0.1								0.027	0.022					< 0.022
Nickel	1,600	13,000	4,100	440,000								29	37					30
Potassium												1100	2100					1100
Selenium	390		1,000									< 1.1	< 1.1					< 1.2
Silver	390		1,000									< 1.1	< 1.1					< 1.2
Sodium												< 700	< 630					< 710
Thallium	5.3		160									1.4	< 1.1					1.3
Vanadium			1,400									12	19					12
Zinc	23,000		61,000									51	52					65

Note
**-Background. Tier 1 remediation value for soil ingestion under 35 IAC 742. *For the ingestion route for ars

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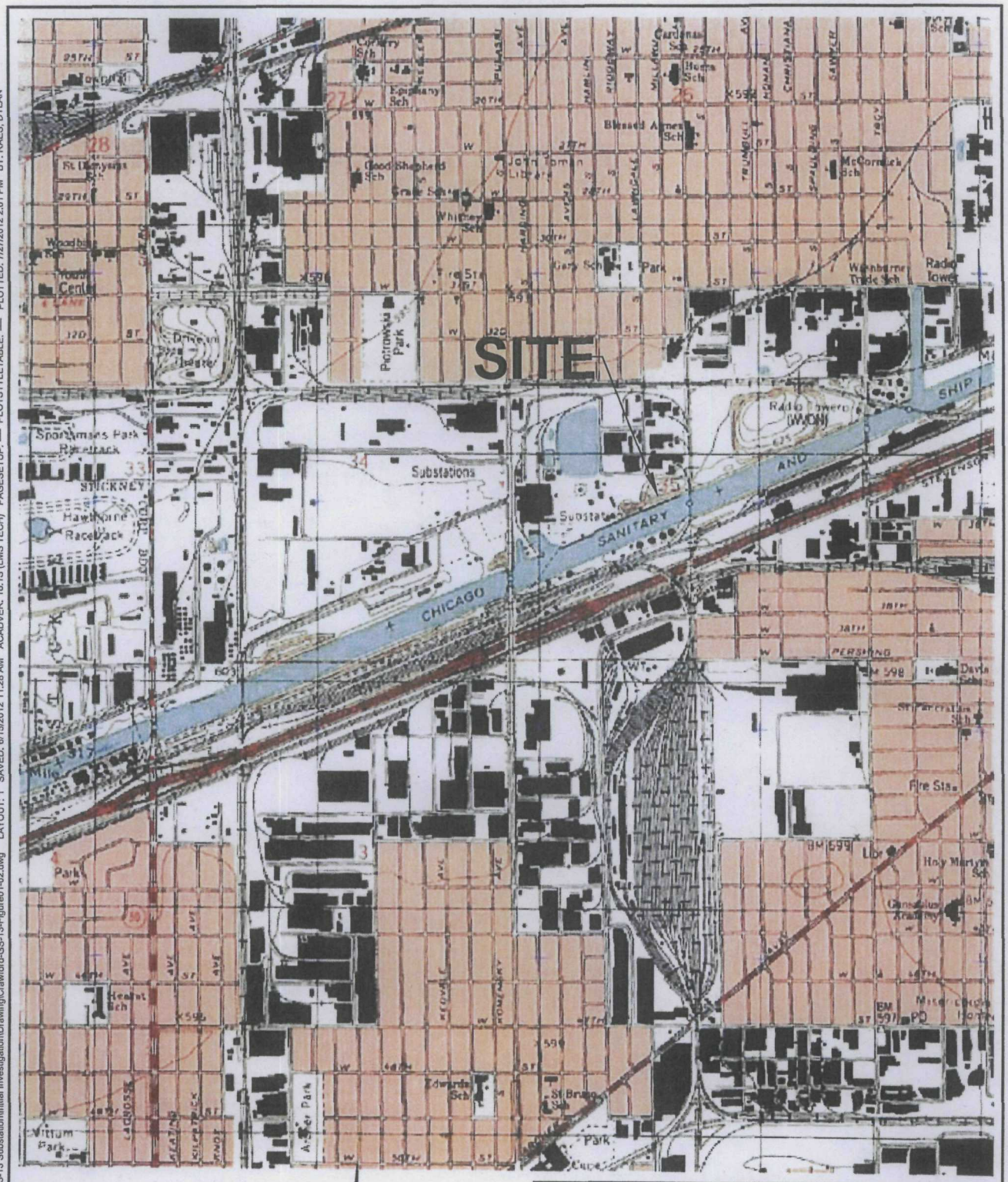
Figures



Source:
Englewood, Illinois (1999)
USGS 7.5 Minute Series
Quadrangle Map

0 2,000' 4,000'
GRAPHIC SCALE

COMED PROPOSED RED BLUE YARD
3501 S. PULASKI ROAD
CHICAGO, ILLINOIS

SITE LOCATION MAP

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FIGURE
1

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\Clients\ComEd\12722.0000 ComEd Crawford GS-13 Substation\Initial Investigation\Drawing\Crawford-GS-13-Figure01-02.dwg LAYOUT: 1 SAVED: 6/15/2012 11:28 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: --- PLOTTED: 7/27/2012 2:01 PM BY: RAES, DYLAN
XREFS: IMAGES: PROJECTNAME: ---
2012-0102-Option 1.jpg
Aerial 2.jpg
Topo.jpg

CBI REDACTED

CONFIDENTIAL BUSINESS INFORMATION

COMC0000395

Attachment I
Soil Boring Logs

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** 8' bgs **Stabilized Water:** Borehole Dry **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP1 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										TOPSOIL (OL) Brown; dry/damp, soft	
					--	28.9					SANDY SILT FILL (ML-FILL) Brown; dry; few medium grained sand; brick pieces	
		MC	55"/60"									
					4.5	70.8			2'-4'		SILTY CLAY FILL (CL-FILL) Brown; damp; some coarse sand and fine gravel	
											Approximately 3" crushed pink rock	
5	-5				--	5.6					SANDY CLAY FILL (SC-FILL) Black; moist; well graded fine to coarse sand; black slag	
					--	2.9						
		MC	43"/60"									
											Transitions to wet; contains glass pieces	
					--	18.8						
10	-10										Transitions to contain brick pieces	
		MC	24"/24"		3.5-4.5	5.3					SILTY CLAY (CL) Gray; damp; stiff to very stiff; trace fine gravel	
											End of Boring at 12' bgs.	
15	-15											

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Remarks: ' = feet; " = inches; bgs = below ground surface

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP2 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										GRAVEL (GW) Gray; dry	
					1	9.8					SILTY CLAY FILL (CL-FILL) Brown; damp; soft to medium stiff; some well graded fine sand to fine gravel; slag	
		MC	48"/60"									
					3.5-4.5	8.7			0-2'		Transitions to stiff; few sand and gravel	
5	5				1-2.5	3.3					SANDY CLAY FILL (SC-FILL) Black, moist, well graded fine sand to fine gravel	
											SILTY CLAY FILL (CL-FILL) Dark gray; moist; soft; little coarse sand and fine gravel; brick pieces	
		MC	44"/60"		0.5-0.75	0.2						
					0-2.0	0.0						
10	10										Transistions to very soft to soft Transitions to gray, damp; stiff	
		MC	24"/24"		3.5	0.0						
											End of Boring at 12' bgs.	
15	15											

Remarks: ' = feet; " = inches; bgs = below ground surface

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Project. EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS *Page: 1 of 1*
Data File:GP-2 Date: 7/20/2012 Created/Edited by: CC

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water** 5' bgs **Stabilized Water:** 4' bgs **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP3 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										SILTY CLAY FILL (CL-FILL) Brown; dry/damp	
					2.0	17.0					SANDY CLAY FILL (CL-FILL) Brown; damp; medium stiff; well graded fine sand to fine gravel	
		MC	54"/60"									
					2.5	17					Brick and glass pieces	
5	-5				--	6.0					CLAYEY SAND FILL (SC-FILL) Black; wet; well graded fine sand to fine gravel; glass pieces	
		MC	32"/60"		--	14.9						
					1.5	5.0					SILTY CLAY (CL) Gray with brown mottles; damp; medium stiff	
10	-10										Transitions to gray; stiff	
		MC	24"/24"		2.5	50.8			10'-12'			
											End of Boring at 12' bgs	
15	-15											

Remarks: ' = feet; " = inches; bgs = below ground surface

ARCADIS

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS *Page: 1 of 1*
Data File:GP-3 Date: 7/20/2012 Created/Edited by: CC

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** 7.5' bgs **Stabilized Water:** 5' bgs **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP4 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										GRAVEL (GW) Gray; dry; well graded	
					1.25-1.75	7.0					SITLY CLAY FILL (CL-FILL) Brown; damp; medium stiff; little well graded fine sand to fine gravel	
		MC	48"/60"								Brick pieces	
					2.75-3.5	2.1					CLAYEY SAND FILL (SC-FILL) Black; damp; moderately graded fine to medium sand	
											SILTY CLAY FILL (CL-FILL) Gray; damp; stiff; little to some well graded fine sand to fine gravel, glass pieces	
5	-5				1.0-2.75	4.4						
					1.0-2.0	2.0					Transitions to medium stiff	
		MC	36"/60"								CLAYEY SAND FILL (SC-FILL) Black; wet; well graded fine sand to fine gravel; glass and brick pieces	
					1.0	11			8'-10'			
10	-10										SAND Brown and black; moist/wet; well graded fine to coarse sand	
		MC	24"/24"		3.0-3.25	0.8					CLAYEY SAND (SC) Black; moist; soft; well graded	
											SILTY CLAY (CL) Gray; damp; stiff	
											End of Boring at 12' bgs.	
15	-15											

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Remarks: ' = feet; " = inches; bgs = below ground surface

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-4 Date: 7/20/2012 Created/Edited by: CC

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** 10' bgs **Stabilized Water:** 7' bgs **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP5 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										CLAYEY SILT (ML) Brown; dry/damp; crumbles easily	
					0.75	15.5						
		MC	60"/60"								SITLY CLAY FILL (CL-FILL) Brown; damp; medium stiff; little well graded fine sand to fine gravel	
					1.25-2.75	36			2'-4'		Transitions to dark gray; medium stiff to stiff; trace sand and gravel	
5	-5				0.75-2.0	20.9						
											CLAYEY SILT (ML) Brown; damp; soft	
					0.25-4.5	2.2					SILTY CLAY (CL) Gray; damp; very stiff	
		MC	52"/60"									
					1.25	0.0					Transitions to black; very soft	
10	-10										Transitions to gray with orange mottles; medium stiff Transitions to moist/wet; soft	
		MC	24"/24"		0.75-2.25	0.0					Transitions to damp; stiff Transitions to gray	
											End of Boring at 12' bgs.	
15	-15											

Remarks: ' = feet; " = inches; bgs = below ground surface

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Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File.GP-5 Date: 7/24/2012 Created/Edited by: CC

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 13.5' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP6 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										CLAYEY SILT (ML) Brown; dry/damp; few coarse sand and fine gravel	
					--	1.2					Layer of crushed rock	
		MC	42"/60"		--	54.0					CLAYEY SAND FILL (SC-FILL) Dark brown, damp; moderately graded fine to coarse sand; slag	
5	5				1.5-2.5	34.5					SILTY CLAY (CL) Gray; damp; medium stiff to stiff; few fine gravel	
		MC	51"/60"		0.5-0.75	56.6			6'-8'		CLAYEY SAND (SC) Brown; moist, poorly graded fine sand	
					1.5-2.5	34.0					SILTY CLAY (CL) Black; damp; very soft; few coarse sand and fine gravel Transitions to gray with orange mottles; medium stiff to stiff	
10	10				1.0-1.5	6.5						
		MC	42"/42"									
					4.5	--					Transitions to gray; very stiff	
											End of Boring at 13.5' bgs	
15	15											

Remarks: ' = feet; " = inches; bgs = below ground surface
Outside of sleeve was wet from 10-13.5' bgs

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Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-6 Date: 7/20/2012 Created/Edited by: CC

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** 10' bgs **Stabilized Water:** 6' bgs **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** **GP7** **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										CLAYEY SILT (ML) Brown; dry/damp; little fine gravel	
					0.75	0.0					SILTY CLAY FILL (CL-FILL) Brown; damp; some well graded fine sand to coarse gravel; slag	
		MC	60"/60"		2.5	0.0						
									3'-5'		CLAYEY SAND (SC) Black; moist; moderately graded fine to coarse sand	
5	-5				0.5-2.75	0.7					SILTY CLAY (CL) Gray with orange mottles; damp; soft to stiff	
											Transitions to gray	
		MC	60"/60"		0.75-1.25	0.0					Transitions to black	
											Transitions to gray and orange mottles	
					0.75 1.0	0.6						
10	-10										SANDY CLAY (CL) Dark gray; wet; very soft; well graded fine to coarse sand	
		MC	24"/24"		2.5-4.5	0.0			10'-12'		SILTY CLAY (CL) Gray; stiff to very stiff, damp	
											End of Boring at 12' bgs.	
15	-15											

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Remarks: ' = feet; " = inches; bgs = below ground surface

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-7 Date: 7/20/2012 Created/Edited by: CC

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP8 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										CLAYEY SILT (ML) Brown; dry/damp; soft; few fine gravel; crumbles easily	
					--	2.0						
		MC	60"/60"								SITLY CLAY FILL (CL-FILL) Brown; damp; some well graded fine sand to coarse gravel	
					1-3.5	0.0						
											Wood chips Transitions to contain little sand and gravel	
5	-5				2.25 -2.5	19.9			4'-6'		SAND FILL (SW-FILL) Black; damp; well graded medium sand to fine gravel; contains slag	
											SITLY CLAY (CL) Gray, damp; medium stiff; few coarse sand and fine gravel	
		MC	52"/60"		2.5- 3.5	0.1					SAND (SP) Brown; damp; poorly graded fines	
											SILTY CLAY (CL) Gray with oragne mottles; damp; stiff	
					1.5-2	1.1					Transitions to black	
10	-10										Transitions to gray with orange mottles; medium stiff	
		MC	24"/24"		3.25 -3.75	0.0			10'-12'		Transitions to gray; stiff	
											End of Boring at 12' bgs.	
15	-15											

Remarks: ' = feet; " = inches; bgs = below ground surface

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Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-8 Date: 7/20/2012 Created/Edited by: CC

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP9 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0											
					1.75	0.3					GRAVEL (GW) Gray; dry; well graded	
		MC	40"/60"								SITLY CLAY FILL (CL-FILL) Black; damp; medium stiff, organic material; little sand	
					1.75 -2	0.4					Transitions to gray	
									3'-5'		SAND FILL (SW-FILL) Black; damp; well graded fine sand to fine gravel; contains slag	
5	-5				1.75 -2	0.0						
											SITLY CLAY (CL) Gray and orange mottles; damp; medium stiff; trace fine gravel	
		MC	60"/60"		2.75 -3.75	0.0			6'-8'			
											Transitions to black; stiff	
					1-2	2.0					Transitions to gray with orange mottles; medium stiff	
10	-10										Transitions to gray; stiff	
		MC	12"/24"		3.75	1.4						
											End of Boring at 12' bgs.	
15	-15											

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Remarks: ' = feet; " = inches; bgs = below ground surface

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS *Page: 1 of 1*
Data File:GP-9 Date: 7/20/2012 Created/Edited by: CC

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** **GP10** **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										CLAYEY SILT (ML) Brown; dry/damp/ little fine gravel	
					--	259						
		MC	48"/60"		0.75-1.75	172			0-4'		SITLY CLAY FILL (CL-FILL) Brown; damp; soft to medium stiff; some well graded fine sand to fine gravel	
											Transitions to contain slag	
											SAND (SW) Black; damp; well graded fine to coarse sand	
5	5				1.5-3.25	168					SITLY CLAY (CL) Gray; damp; medium stiff to stiff; few coarse sand	
									4'-8'			
		MC	60"/60"		0.75-3.75	56.8					Transitions to black; soft	
											Transitions to gray with orange mottles; very soft to soft	
					0.5-1.25	4.6						
10	10											
		MC	24"/24"		2-4	0.0					Transitions to gray; stiff	
											End of Boring at 12' bgs.	
15	15											

Remarks: ' = feet; " = inches; bgs = below ground surface

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Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS *Page: 1 of 1*
Data File:GP-10 Date: 7/20/2012 Created/Edited by: CC

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP11 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										CLAYEY SILT (ML) Brown; dry/damp; crumbles easily	
					2.75	0.0						
		MC	60"/60"								SILTY CLAY FILL (CL-FILL) Brown, damp; stiff; some coarse sand and fine gravel; glass pieces; slag	
					1-1.75	0 0			6'-8'			
5	-5				2.25	0 0					SAND (SW) Black; damp, well graded fine sand to fine gravel	
											CLAYEY SILT (ML) Brown; damp; soft; fine grains	
		MC	60"/60"		3-3.75	1 8					SILTY CLAY (CL) Gray and black; damp; stiff; trace fine gravel Transitions to gray with orange mottles	
					2 25 -2 5	0 0						
10	-10											
		MC	24"/24"		3 25 -4.5	3 0			10'-12'		Transitions to gray; stiff to very stiff	
											End of Boring at 12' bgs.	
15	-15											

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Remarks: ' = feet; " = inches; bgs = below ground surface

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP12 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulsaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										GRAVEL (GW) Gray; dry; well graded	
					0.5	7.8					SILTY CLAY (CL) Brown and black; damp; soft; little coarse sand and fine gravel	
		MC	52"/60"									
					0.5-1	0.6			2'-4'			
											SAND FILL (SW-FILL) Black; damp; well graded fine sand to fine gravel; slag	
5	-5				0.75	3.1						
					1.5-2	0.2			6'-8'		CLAYEY SAND (SC) Brown; damp; poorly graded fine sand	
		MC	60"/60"								SILTY CLAY (CL) Gray; damp; medium stiff; few coarse sand and fine gravel Transitions to black	
					1.5-2.25	0.0					Transitions to gray with orange mottels; medium stiff to stiff	
10	-10											
		MC	24"/24"		2.75-3	0.4					Transitions to gray; stiff	
											End of Boring at 12' bgs	
15	-15											

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Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-12 Date: 7/20/2012 Created/Edited by: CC

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 14' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP13 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										GRAVEL (GW) Brown; dry; well graded	
					2.75	6.4					SITLY CLAY FILL (CL-FILL) Brown and black; damp; medium stiff; little to some coarse sand and fine gravel; glass and brick pieces	
		MC	60"/60"									
					1- 2.25	5.0						
									3'-5'		Transitions to gray and orange mottles	
5	-5				3-4.5	3.2					Transitions to contain slag	
											CLAYEY SAND (SC) Brown; damp; poorly graded fine sand	
											CLAYEY SILT (ML) Brown; damp; fine grains	
		MC	60"/60"		1.75 -4.5	1.5					SITLY CLAY (CL) Gray; damp; medium stiff to very stiff	
											Transitions to black; soft	
					75- 1.5	0.0			8'-10'			
10	-10										Transitions to gray with orange mottles	
						1.2						
		MC	48"/48"		75- 1.25							
					4.5						Transitions to very stiff	
											End of Boring at 14' bgs	
15	-15											

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Remarks: ' = feet; " = inches; bgs = below ground surface

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-13 Date: 7/20/2012 Created/Edited by: CC

Date Start/Finish: 7/10/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** **GP14** **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										CLAYEY SILT (ML) Brown; dry/damp; soft	
					1.5	2.6						
		MC	48"/60"								SILTY CLAY FILL (CL-FILL) Brown; damp; medium stiff; some coarse sand and fine gravel; slag	
					1.5-2.25	0.2			3'-5'			
											SAND (SW) Black; damp; well graded fine sand to fine gravel	
5	-5				1.5-3.75	0.0						
											CLAYEY SILT (ML) Brown; damp; soft; fine grains	
											SILTY CLAY (CL) Gray and black; damp; soft to medium; few fine gravel	
		MC	60"/60"		75-1.75	0.0					Transitions to gray with orange mottles	
					1.75-2.25	4.4			8'-10'			
10	-10										Transitions to medium stiff to stiff	
		MC	24"/24"		3.75-4	0.0					Transitions to gray; very stiff	
											End of Boring at 12' bgs	
15	-15											

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Remarks: ' = feet; " = inches; bgs = below ground surface

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS *Page: 1 of 1*
Data File:GP-14 Date: 7/20/2012 Created/Edited by: CC

Date Start/Finish: 7/11/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** 10' bgs **Stabilized Water:** 8' bgs **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** **GP15** **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										TOPSOIL (OL) Black; damp, medium stiff	
					1.75	0.0					Transitions to contain little fine gravel	
											3" crushed yellow rock	
		MC	55"/60"								SITLY CLAY FILL (CL-FILL) Brown and black; damp; medium stiff; some coarse sand and fine gravel	
					1.25-2	0.0					CLAYEY SILT (ML) Black; damp; very soft	
5	-5				4.5+	0.0					SITLY CLAY (CL) Brown and gray with orange mottles; damp; very stiff; little coarse sand and fine gravel	
					1.75-2.25	0.0			6'-8'		Transitions to black; medium stiff to stiff; trace sand and gravel	
		MC	60"/60"								Transitions to gray with orange mottles	
					0-1.25	0.0					Transitions to moist; very soft to medium stiff	
10	-10										Transitions to wet	
		MC	20"/24"		0-2.5	0.0					CLAYEY SILT (ML) Gray; damp; very soft	
											End of Boring at 12' bgs.	
15	-15											

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Remarks: ' = feet; " = inches; bgs = below ground surface

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-15 Date: 7/20/2012 Created/Edited by: CC

Date Start/Finish: 7/11/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** **GP16** **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										GRAVEL (GW) Gray; dry; well graded	
					2.5	0.0					SILTY CLAY (CL) Brown and black; damp; stiff; some coarse sand and fine gravel	
		MC	60"/60"								CLAYEY SILT (ML) Brown; damp; soft	
					2.5 -4.5	0.2			2'-4'		SILTY CLAY (CL) Brown and gray; damp; stiff to very stiff	
											CLAYEY SILT (ML) Black; damp; very soft	
5	5				1.75 -3.5	0.0					SILTY CLAY (CL) Gray with orange mottles; damp; stiff to very stiff	
		MC	60"/60"		3.25 4.5	0.0						
					3.5- 4.5+	0.0					Transitions to gray	
10	10										CLAYEY SILT (ML) Gray; damp; very soft; few fine sand	
		MC	24"/24"		–	0.0						
											End of Boring at 12' bgs.	
15	15											

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Remarks: ' = feet; " = inches; bgs = below ground surface

Date Start/Finish: 7/11/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP17 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										GRAVEL (GW) Light gray; dry; well graded; some silt	
					3.5	0.0					SILTY CLAY FILL (CL-FILL) Gray with orange mottles; damp; stiff	
		MC	45"/60"								Transitions to black and brown, damp; soft to mediums stiff; some coarse sand and fine gravel; slag and glass pieces	
					.75-1.75	0.6			2'-4'		SAND (SW) Black; moist; well graded fine sand to fine gravel; few fines	
											SILTY CLAY (CL) Gray; damp; soft to medium stiff	
5	5				.75-1.75	0.0						
											Transitions to black	
		MC	60"/60"		1-3.5	0.0					Transitions to gray with orange mottles; medium stiff to stiff	
					4.5	0.0					Transitions to gray; very stiff	
10	10										CLAYEY SILT (ML) Gray; damp; very soft;	
		MC	24"/24"		0.75-1.25	0.0						
											End of Boring at 12' bgs.	
15	15											

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Remarks: ' = feet; " = inches; bgs = below ground surface

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS *Page: 1 of 1*
Data File:GP-17 Date: 7/20/2012 Created/Edited by: CC

Date Start/Finish: 7/11/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** **GP18** **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										CLAYEY SILT (ML) Brown; dry/damp; little coarse sand and fine gravel; soft	
					2.75	0.0						
		MC	40"/60"								SILTY CLAY FILL (CL-FILL) Brown; damp; stiff; some coarse sand and fine gravel; slag	
					--	0.3					SAND FILL (SP-FILL) Brown and black; damp; poorly graded fine sand, few fine gravel	
											SILTY CLAY FILL (CL-FILL) Dark brown, damp; soft; glass pieces	
5	5				.75	0.0						
											CLAYEY SAND (SC) Black; damp; some well graded coarse sand to fine gravel	
		MC	49"/60"		1.5-2.5	0.0			6'-8'		SILTY CLAY (CL) Gray; damp; medium stiff to stiff; few coarse sand	
											Transitions to gray with orange mottles, soft to medium stiff	
					.5-1.75	0.0						
10	10										Transitions to medium stiff to stiff	
		MC	24"/24"		1.5-2.5	0.0						
											End of Boring at 12' bgs.	
15	15											

ARCADIS

Remarks: ' = feet; " = inches; bgs = below ground surface

Date Start/Finish: 7/11/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP19 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										GRAVEL (GW) White; dry	
					2.5	0.0					SILTY CLAY (CL) Black and brown; damp, stiff; few coarse sand and fine gravel	
		MC	60"/60"								Transitions to medium stiff to very stiff	
					1-4.5	0.0						
											Transitions to black; stiff	
5	-5				2.25 -3.5	0.0					Crushed rocks Transitions to gray with orange mottles	
		MC	60"/60"		2.25 -4.5	0.0			6'-8'		Transitions to contain little well graded sand Transitions to stiff to very stiff, no sand	
					4.5+	0.0					Transitions to gray; very stiff	
10	-10										CLAYEY SILT (ML) Gray; damp; very soft; fines	
		MC	24"/24"		0.75	0.0						
											End of Boring at 12' bgs	
15	-15											

ARCADIS

Remarks: ' = feet; " = inches; bgs = below ground surface

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-19 Date: 7/20/2012 Created/Edited by: DR

Date Start/Finish: 7/11/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP20 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0											
					4.5+	0.0					SILTY CLAY (CL) Brown and gray; very stiff; damp; few fine gravel; few coarse sand	
		MC	60"/60"									
					3-4.5	0.0					Transitions to contain orange mottles; stiff to very stiff Transitions to black Transitions to gray with orange mottles	
5	-5				1.5-3	0.0					Transitions to medium stiff to stiff	
		MC	60"/60"		1-4.5+	0.0			6'-8'		Transitions to gray; medium stiff to very stiff	
					-	0.0					CLAYEY SILT (ML) Gray; damp; soft; fines Transitions to contain little fine sand	
10	-10											
		MC	24"/24"		-	0.0						
											End of Boring at 12' bgs	
15	-15											

Remarks: ' = feet; " = inches; bgs = below ground surface

ARCADIS

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-20 Date: 7/20/2012 Created/Edited by: DR

Date Start/Finish: 7/11/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** **GP21** **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										GRAVEL (GW) Gray; dry	
					1.25	0.0					ORGANIC TOPSOIL (OL) Black, damp; medium stiff; organic matter	
		MC	60"/60"		2.5	0.0			3'-5'		SILTY CLAY (CL) Gray; damp; stiff, little coarse sand; little fine gravel Transitions to black; trace sand and gravel Transitions to gray with orange mottles	
5	-5				2.0	0.0					Transitions to stiff to very stiff	
		MC	60"/60"		3.75-4.5+	0.0						
					4.5+	0.0					Transitions to gray	
10	-10	MC	24"/24"		-	0.0					CLAYEY SILT (ML) Gray; damp; very soft, fines	
											End of Boring at 12' bgs	
15	-15											

Remarks: ' = feet; " = inches; bgs = below ground surface

ARCADIS

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS *Page: 1 of 1*
Data File:GP-21 Date: 7/20/2012 Created/Edited by: DR

Date Start/Finish: 7/11/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP22 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										GRAVEL (GW) Gray; dry	
					3.25	0.0					SILTY CLAY (CL) Brown; damp; stiff; few coarse sand; few fine gravel	
		MC	60"/60"								Transitions to black; trace sand and gravel; stiff to very stiff	
					2.75-4.5+	0.0					Transitions to gray with orange mottles; few coarse sand; few find gravel	
5	5				1.75-3.75	0.0					Transitions to medium stiff	
											Transitions to gray; very stiff	
		MC	60"/60"		4.5+	0.0						
											CLAYEY SILT (ML) Gray; damp; very soft; fines	
					1.5	0.0						
10	10											
		MC	24"/24"		-	0.0			10'-12'			
											End of Boring at 12' bgs.	
15	15											

ARCADIS

Remarks: ' = feet; " = inches; bgs = below ground surface

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS *Page: 1 of 1*
Data File:GP-22 Date: 7/20/2012 Created/Edited by: DR

COMC0000418

Date Start/Finish: 7/11/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP23 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										GRAVEL (GP) Black; dry/damp; some silt	
					1.5-4.5	0.0						
		MC	60"/60"								SILTY CLAY (CL) Brown; damp; very stiff; few fine sand; few coarse gravel	
					3.5-4.5	0.0						
											Transitions to black; stiff	
											Transitions to grey with orange mottles	
5	5				1.5-2.25	0.0						
									5'-7'			
		MC	60"/60"		3.25-4.5+	0.0					Transitions to gray; stiff to very stiff	
					4.5+	0.0						
10	10										CLAYEY SILT (ML) Gray; damp; very soft; fines	
		MC	24"/24"		2.25	0.0						
											End of Boring at 12' bgs.	
15	15											

ARCADIS

Remarks: ' = feet; " = inches; bgs = below ground surface

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-23 Date: 7/20/2012 Created/Edited by: DR

Date Start/Finish: 7/11/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water** 8.25' bgs **Stabilized Water:** 12' bgs **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** **GP24** **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										SILTY CLAY (CL) Black and brown; damp; stiff; few coarse sand; few fine gravel	
					2.25-3.75	0.0						
		MC	60"/60"								Transitions to gray	
					2.0-2.75	0.0						
											Transitions to orange with gray mottles; medium stiff to stiff; black fine sand on outside of core	
5	-5				1.25-2.5	0.0						
											Transitions to gray; stiff to very stiff	
		MC	60"/60"		3.5-4.5	0.0						
											Transitions to wet; very soft	▼
											Transitions to damp; very stiff	
					4.25-4.5	0.0			8'-10'			
10	-10										CLAYEY SILT (ML) Gray; damp, very soft; fines	
		MC	24"/24"		-	0.0						
											End of Boring at 12' bgs	
15	-15											

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Remarks: ' = feet; " = inches; bgs = below ground surface

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-24 Date: 7/23/2012 Created/Edited by: DR

Date Start/Finish: 7/11/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** 4.5' bgs **Stabilized Water:** 5' bgs **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP26 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										GRAVEL (GP) Black, damp; some silt	
					2.25	0.0					SILTY CLAY FILL (CL-FILL) Brown and black; damp; stiff; brick pieces	
		MC	48"/60"								CLAYEY SAND (SC) Black; damp; soft/loose	
					1-2.5	0.0					SILTY CLAY (CL) Gray; damp; soft to medium stiff	
											CLAYEY SAND (SC) Brown; damp; soft; fines	
5	-5				-	0.0					SILTY CLAY (CL) Gray; damp; medium stiff to stiff	
											CLAYEY SAND (SC) Gray; wet, fines, poorly graded	
		MC	60"/60"		-	0.0			6'-8'		Transitions to contain little fine gravel	
					-	0.0						
10	-10										CLAYEY SILT (ML) Gray; damp; fines; firm	
		MC	24"/24"		3.0-3.5	0.0					SILTY CLAY (CL) Gray; damp; stiff; trace coarse sand; trace fine gravel	
											End of Boring at 12' bgs.	
15	-15											

Remarks: ' = feet; " = inches; bgs = below ground surface

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Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-26 Date: 7/23/2012 Created/Edited by: DR

Date Start/Finish: 7/11/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** Not Encountered **Stabilized Water:** Not Applicable **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP27 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										GRAVEL (GP) Black; dry/damp; some silt	
					4.5	0.0					SILTY CLAY(CL) Gray; damp; very stiff; little fine gravel; little coarse sand	
		MC	60"/60"								CLAYEY SILT (ML) Gray; damp; soft to firm; fines	
					4.5+	0.0			3'-5'			
5	-5				-	0.0						
		MC	60"/60"		-	0.0						
					-	0.0						
10	-10										CLAYEY SAND (SC) Gray; moist; fine sand; poorly graded	
		MC	24"/24"		4.5+	0.0						
											End of Boring at 12' bgs.	
15	-15											

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Remarks: ' = feet; " = inches; bgs = below ground surface

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-27 Date: 7/23/2012 Created/Edited by: DR

Date Start/Finish: 7/11/2012 **Drilling Company:** K&S Drilling **Driller's Name:** C. Santana & E. Deluca **Drilling Method:** Direct Push **Auger Size:** 2" **Rig Type:** Track Mounted GeoProbe **Sampling Method:** Macro Core	**First Encountered Water:** 10' bgs **Stabilized Water:** Dry **Casing Elevation:** Not Applicable **Borehole Depth:** 12' bgs **Surface Elevation:** Not Measured **Descriptions By:** Courtney Crenshaw	**Well ID/Boring ID:** GP28 **Client:** Commonwealth Edison **Site Location:** 3501 South Pulaski Road Chicago, Illinois

Depth (ft. bgs)	Elevation (ft. AMSL)	Sample Type	Sample Recovery	Blow Counts (N-Value)	Qp/Qu (tons/sq. ft.)	PID (ppm)	Dry Density (lb/ft3)	Moisture Content (%)	Lab Sample	Graphic Log	Stratigraphic Description	Well Construction
0	0										GRAVEL (GP) Black and white; dry; some silt	
					-	0.0						
		MC	60"/60"								SILTY CLAY(CL) Brown; damp; stiff; little fine gravel; little coarse sand	
					2.5-4	0.0						
											CLAYEY SILT (ML) Gray; damp; crumbles easily; fines	
5	-5				-	0.0					Transitions to contain little fine sand	
		MC	60"/60"		-	0.0						
					-	0.0			8'-10'			
10	-10										CLAYEY SAND (SC) Gray; moist, fines; soft; well graded	▼
		MC	24"/24"		-	0.0						
											End of Boring at 12' bgs.	
15	-15											

Remarks: ' = feet; " = inches; bgs = below ground surface

ARCADIS

Project: EG012722.0003 Template: G:\Clients\ComEd\LogPlot\WLF geotech-USE THIS
Data File:GP-28 Date: 7/23/2012 Created/Edited by: DR

Attachment II
Laboratory Analytical Report

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-

July 25, 2012

ARCADIS U.S., Inc.
630 Tollgate Road
Suite D
Elgin, IL 60123
Telephone: (847) 695-8855
Fax: (847) 695-7799

RE: EG012722.0000.00003, ComEd-Crawford, Chicago, IL STAT Project No: 12070443

Dear Wei-Lin Feng:

STAT Analysis received 22 samples for the referenced project on 7/10/2012 5:10:00 PM. The analytical results are presented in the following report.

This report is revised to reflect additional analysis requested after the initial report was issued.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Catia Giannini
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

STAT Analysis Corporation

Date: July 25, 2012

Client: ARCADIS U.S., Inc.
Project: EG012722.0000.00003, ComEd-Crawford, Chicago, I
Lab Order: 12070443

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
12070443-001A	GP-1 (2-4)		7/10/2012 9:25:00 AM	7/10/2012
12070443-002A	GP-3 (10-12)		7/10/2012 10:15:00 AM	7/10/2012
12070443-003A	GP-2 (0-2)		7/10/2012 10:50:00 AM	7/10/2012
12070443-004A	GP-4 (8-10)		7/10/2012 11:15:00 AM	7/10/2012
12070443-004B	GP-4 (8-10)		7/10/2012 11:15:00 AM	7/10/2012
12070443-005A	GP-6 (6-8)		7/10/2012 12:10:00 PM	7/10/2012
12070443-006A	GP-5 (2-4)		7/10/2012 12:40:00 PM	7/10/2012
12070443-006B	GP-5 (2-4)		7/10/2012 12:40:00 PM	7/10/2012
12070443-007A	GP-7 (3-5)		7/10/2012 1:10:00 PM	7/10/2012
12070443-008A	GP-7 (10-12)		7/10/2012 1:15:00 PM	7/10/2012
12070443-009A	GP-8 (4-6)		7/10/2012 1:40:00 PM	7/10/2012
12070443-010A	GP-8 (10-12)		7/10/2012 1:45:00 PM	7/10/2012
12070443-011A	GP-9 (3-5)		7/10/2012 2:05:00 PM	7/10/2012
12070443-012A	GP-9 (6-8)		7/10/2012 2:10:00 PM	7/10/2012
12070443-013A	GP-10 (0-4)		7/10/2012 2:30:00 PM	7/10/2012
12070443-014A	GP-10 (4-8)		7/10/2012 2:40:00 PM	7/10/2012
12070443-015A	GP-13 (3-5)		7/10/2012 2:53:00 PM	7/10/2012
12070443-016A	GP-13 (8-10)		7/10/2012 2:55:00 PM	7/10/2012
12070443-017A	GP-12 (2-4)		7/10/2012 3:15:00 PM	7/10/2012
12070443-018A	GP-12 (6-8)		7/10/2012 3:20:00 PM	7/10/2012
12070443-019A	GP-14 (3-5)		7/10/2012 3:45:00 PM	7/10/2012
12070443-020A	GP-14 (8-10)		7/10/2012 3:50:00 PM	7/10/2012
12070443-021A	GP-11 (6-8)		7/10/2012 4:10:00 PM	7/10/2012
12070443-022A	GP-11 (10-12)		7/10/2012 4:15:00 PM	7/10/2012

CLIENT:	ARCADIS U.S., Inc.
Project:	EG012722.0000.00003, ComEd-Crawford, Chic
Lab Order:	12070443

CASE NARRATIVE

The fractionated mercury Matrix Spike/Matrix Spike Duplicate (MS/MSD) prepared from sample GP-4 (8-10) (12070443-004) had recovery outside control limits (66% (MS) recovery, QC limits 75-125).

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-001

Client Sample ID: GP-1 (2-4)
Collection Date: 7/10/2012 9:25:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.09		mg/Kg-dry	1	7/11/2012
Aroclor 1221	ND	0.09		mg/Kg-dry	1	7/11/2012
Aroclor 1232	ND	0.09		mg/Kg-dry	1	7/11/2012
Aroclor 1242	ND	0.09		mg/Kg-dry	1	7/11/2012
Aroclor 1248	ND	0.09		mg/Kg-dry	1	7/11/2012
Aroclor 1254	ND	0.09		mg/Kg-dry	1	7/11/2012
Aroclor 1260	ND	0.09		mg/Kg-dry	1	7/11/2012
TCLP Mercury	**SW1311/7470A**			Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/12/2012
Mercury	**SW7471A**			Prep Date: **7/11/2012**		Analyst: **LB**
Mercury	0.045	0.018		mg/Kg-dry	1	7/11/2012
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/11/2012**		Analyst: **JG**
Arsenic	30	1.1		mg/Kg-dry	10	7/11/2012
Barium	65	1.1		mg/Kg-dry	10	7/11/2012
Cadmium	1.1	0.55		mg/Kg-dry	10	7/11/2012
Chromium	16	1.1		mg/Kg-dry	10	7/11/2012
Lead	50	0.55		mg/Kg-dry	10	7/12/2012
Selenium	1.4	1.1		mg/Kg-dry	10	7/11/2012
Silver	ND	1.1		mg/Kg-dry	10	7/11/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/12/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	0.0091	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	0.018	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **DM**
Acenaphthene	ND	0.037		mg/Kg-dry	1	7/11/2012
Acenaphthylene	ND	0.037		mg/Kg-dry	1	7/11/2012
Anthracene	ND	0.037		mg/Kg-dry	1	7/11/2012
Benz(a)anthracene	0.12	0.037		mg/Kg-dry	1	7/11/2012
Benzo(a)pyrene	0.11	0.037		mg/Kg-dry	1	7/11/2012
Benzo(b)fluoranthene	0.12	0.037		mg/Kg-dry	1	7/11/2012
Benzo(g,h,i)perylene	0.061	0.037		mg/Kg-dry	1	7/11/2012
Benzo(k)fluoranthene	0.089	0.037		mg/Kg-dry	1	7/11/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-001

Client Sample ID: GP-1 (2-4)
Collection Date: 7/10/2012 9:25:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **DM**
Chrysene	0.13	0.037		mg/Kg-dry	1	7/11/2012
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	7/11/2012
Fluoranthene	0.24	0.037		mg/Kg-dry	1	7/11/2012
Fluorene	ND	0.037		mg/Kg-dry	1	7/11/2012
Indeno(1,2,3-cd)pyrene	0.054	0.037		mg/Kg-dry	1	7/11/2012
Naphthalene	ND	0.037		mg/Kg-dry	1	7/11/2012
Phenanthrene	0.15	0.037		mg/Kg-dry	1	7/11/2012
Pyrene	0.2	0.037		mg/Kg-dry	1	7/11/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/11/2012**		Analyst: **MNG**
pH	7.5			pH Units	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	11.9	0.2	*	wt%	1	7/12/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-002

Client Sample ID: GP-3 (10-12)
Collection Date: 7/10/2012 10:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.095		mg/Kg-dry	1	7/12/2012
Aroclor 1221	ND	0.095		mg/Kg-dry	1	7/12/2012
Aroclor 1232	ND	0.095		mg/Kg-dry	1	7/12/2012
Aroclor 1242	ND	0.095		mg/Kg-dry	1	7/12/2012
Aroclor 1248	ND	0.095		mg/Kg-dry	1	7/12/2012
Aroclor 1254	ND	0.095		mg/Kg-dry	1	7/12/2012
Aroclor 1260	ND	0.095		mg/Kg-dry	1	7/12/2012
TCLP Mercury	**SW1311/7470A**			Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/12/2012
Mercury	**SW7471A**			Prep Date: **7/11/2012**		Analyst: **LB**
Mercury	0.032	0.02		mg/Kg-dry	1	7/11/2012
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/11/2012**		Analyst: **JG**
Arsenic	16	1.2		mg/Kg-dry	10	7/11/2012
Barium	47	1.2		mg/Kg-dry	10	7/11/2012
Cadmium	ND	0.59		mg/Kg-dry	10	7/11/2012
Chromium	16	1.2		mg/Kg-dry	10	7/11/2012
Lead	47	0.59		mg/Kg-dry	10	7/12/2012
Selenium	ND	1.2		mg/Kg-dry	10	7/11/2012
Silver	ND	1.2		mg/Kg-dry	10	7/11/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/12/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	ND	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	0.072	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **DM**
Acenaphthene	ND	0.039		mg/Kg-dry	1	7/11/2012
Acenaphthylene	ND	0.039		mg/Kg-dry	1	7/11/2012
Anthracene	ND	0.039		mg/Kg-dry	1	7/11/2012
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	7/11/2012
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	7/11/2012
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	7/11/2012
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	7/11/2012
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	7/11/2012

Qualifiers:
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-002

Client Sample ID: GP-3 (10-12)
Collection Date: 7/10/2012 10:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **DM**
Chrysene	ND	0.039		mg/Kg-dry	1	7/11/2012
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	7/11/2012
Fluoranthene	0.044	0.039		mg/Kg-dry	1	7/11/2012
Fluorene	ND	0.039		mg/Kg-dry	1	7/11/2012
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	7/11/2012
Naphthalene	ND	0.039		mg/Kg-dry	1	7/11/2012
Phenanthrene	ND	0.039		mg/Kg-dry	1	7/11/2012
Pyrene	0.041	0.039		mg/Kg-dry	1	7/11/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/11/2012**		Analyst: **MNG**
pH	8.1			pH Units	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	16.8	0.2	*	wt%	1	7/12/2012

Qualifiers:
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J - Analyte detected below quantitation limits
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HT - Sample received past holding time
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-003

Client Sample ID: GP-2 (0-2)
Collection Date: 7/10/2012 10:50:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.088		mg/Kg-dry	1	7/12/2012
Aroclor 1221	ND	0.088		mg/Kg-dry	1	7/12/2012
Aroclor 1232	ND	0.088		mg/Kg-dry	1	7/12/2012
Aroclor 1242	ND	0.088		mg/Kg-dry	1	7/12/2012
Aroclor 1248	ND	0.088		mg/Kg-dry	1	7/12/2012
Aroclor 1254	ND	0.088		mg/Kg-dry	1	7/12/2012
Aroclor 1260	ND	0.088		mg/Kg-dry	1	7/12/2012
TCLP Mercury	**SW1311/7470A**			Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/12/2012
Mercury Species Fractionation	**SW7470A/7471A (SW3200)**			Prep Date: **7/24/2012**		Analyst: **LB**
Extractable Mercury	0.19	0.0067		mg/Kg-dry	1	7/24/2012
Mercury Species Fractionation	**SW7470A/7471A (SW3200)**			Prep Date: **7/24/2012**		Analyst: **LB**
Semi-mobile Mercury	0.15	0.0067		mg/Kg-dry	1	7/24/2012
Mercury Species Fractionation	**SW7470A/7471A (SW3200)**			Prep Date: **7/24/2012**		Analyst: **LB**
Non-mobile Mercury	ND	0.0067		mg/Kg-dry	1	7/24/2012
Mercury	**SW7471A**			Prep Date: **7/11/2012**		Analyst: **LB**
Mercury	0.56	0.02		mg/Kg-dry	1	7/11/2012
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/11/2012**		Analyst: **JG**
Arsenic	9.6	1.1		mg/Kg-dry	10	7/11/2012
Barium	290	1.1		mg/Kg-dry	10	7/11/2012
Cadmium	1.1	0.53		mg/Kg-dry	10	7/11/2012
Chromium	16	1.1		mg/Kg-dry	10	7/11/2012
Lead	220	0.53		mg/Kg-dry	10	7/12/2012
Selenium	1.3	1.1		mg/Kg-dry	10	7/11/2012
Silver	ND	1.1		mg/Kg-dry	10	7/11/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/12/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	ND	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	0.04	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **DM**

Qualifiers:
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-003

Client Sample ID: GP-2 (0-2)
Collection Date: 7/10/2012 10:50:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **DM**
Acenaphthene	ND	0.036		mg/Kg-dry	1	7/11/2012
Acenaphthylene	ND	0.036		mg/Kg-dry	1	7/11/2012
Anthracene	0.18	0.036		mg/Kg-dry	1	7/11/2012
Benz(a)anthracene	0.11	0.036		mg/Kg-dry	1	7/11/2012
Benzo(a)pyrene	0.11	0.036		mg/Kg-dry	1	7/11/2012
Benzo(b)fluoranthene	0.1	0.036		mg/Kg-dry	1	7/11/2012
Benzo(g,h,i)perylene	0.066	0.036		mg/Kg-dry	1	7/11/2012
Benzo(k)fluoranthene	0.07	0.036		mg/Kg-dry	1	7/11/2012
Chrysene	0.13	0.036		mg/Kg-dry	1	7/11/2012
Dibenz(a,h)anthracene	ND	0.036		mg/Kg-dry	1	7/11/2012
Fluoranthene	0.26	0.036		mg/Kg-dry	1	7/11/2012
Fluorene	ND	0.036		mg/Kg-dry	1	7/11/2012
Indeno(1,2,3-cd)pyrene	0.06	0.036		mg/Kg-dry	1	7/11/2012
Naphthalene	ND	0.036		mg/Kg-dry	1	7/11/2012
Phenanthrene	0.18	0.036		mg/Kg-dry	1	7/11/2012
Pyrene	0.22	0.036		mg/Kg-dry	1	7/11/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/11/2012**		Analyst: **MNG**
pH	7.8			pH Units	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	10.1	0.2	*	wt%	1	7/12/2012

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-004

Client Sample ID: GP-4 (8-10)
Collection Date: 7/10/2012 11:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		**SW8082 (SW3550B)**		Prep Date: **7/11/2012**		Analyst: **PDL**
Aroclor 1016	ND	0.11		mg/Kg-dry	1	7/11/2012
Aroclor 1221	ND	0.11		mg/Kg-dry	1	7/11/2012
Aroclor 1232	ND	0.11		mg/Kg-dry	1	7/11/2012
Aroclor 1242	ND	0.11		mg/Kg-dry	1	7/11/2012
Aroclor 1248	ND	0.11		mg/Kg-dry	1	7/11/2012
Aroclor 1254	ND	0.11		mg/Kg-dry	1	7/11/2012
Aroclor 1260	ND	0.11		mg/Kg-dry	1	7/11/2012
Pesticides		**SW8081 (SW3550B)**		Prep Date: **7/11/2012**		Analyst: **PDL**
4,4'-DDD	ND	0.0022		mg/Kg-dry	1	7/11/2012
4,4'-DDE	ND	0.0022		mg/Kg-dry	1	7/11/2012
4,4'-DDT	ND	0.0022		mg/Kg-dry	1	7/11/2012
Aldrin	ND	0.0022		mg/Kg-dry	1	7/11/2012
alpha-BHC	ND	0.0022		mg/Kg-dry	1	7/11/2012
alpha-Chlordane	ND	0.0022		mg/Kg-dry	1	7/11/2012
beta-BHC	ND	0.0022		mg/Kg-dry	1	7/11/2012
Chlordane	ND	0.046		mg/Kg-dry	1	7/11/2012
delta-BHC	ND	0.0022		mg/Kg-dry	1	7/11/2012
Dieldrin	ND	0.0022		mg/Kg-dry	1	7/11/2012
Endosulfan I	ND	0.0022		mg/Kg-dry	1	7/11/2012
Endosulfan II	ND	0.0022		mg/Kg-dry	1	7/11/2012
Endosulfan sulfate	ND	0.0022		mg/Kg-dry	1	7/11/2012
Endrin	ND	0.0022		mg/Kg-dry	1	7/11/2012
Endrin aldehyde	ND	0.0022		mg/Kg-dry	1	7/11/2012
Endrin ketone	ND	0.0022		mg/Kg-dry	1	7/11/2012
gamma-BHC	ND	0.0022		mg/Kg-dry	1	7/11/2012
gamma-Chlordane	ND	0.0022		mg/Kg-dry	1	7/11/2012
Heptachlor	ND	0.0022		mg/Kg-dry	1	7/11/2012
Heptachlor epoxide	ND	0.0022		mg/Kg-dry	1	7/11/2012
Methoxychlor	ND	0.0022		mg/Kg-dry	1	7/11/2012
Toxaphene	ND	0.046		mg/Kg-dry	1	7/11/2012
TCLP Mercury		**SW1311/7470A**		Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/12/2012
Mercury Species Fractionation		**SW7470A/7471A (SW3200)**		Prep Date: **7/24/2012**		Analyst: **LB**
Extractable Mercury	0.29	0.042		mg/Kg-dry	5	7/24/2012
Mercury Species Fractionation		**SW7470A/7471A (SW3200)**		Prep Date: **7/24/2012**		Analyst: **LB**
Semi-mobile Mercury	1.5	0.084		mg/Kg-dry	10	7/24/2012

Qualifiers:
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-004

Client Sample ID: GP-4 (8-10)
Collection Date: 7/10/2012 11:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury Species Fractionation		SW7470A/7471A (SW3200)			Prep Date: 7/24/2012	Analyst: LB
Non-mobile Mercury	0.21	0.0084		mg/Kg-dry	1	7/24/2012
Mercury		SW7471A			Prep Date: 7/11/2012	Analyst: LB
Mercury	7.2	0.27		mg/Kg-dry	10	7/11/2012
Metals by ICP/MS		SW6020 (SW3050B)			Prep Date: 7/12/2012	Analyst: JG
Aluminum	5400	27		mg/Kg-dry	10	7/12/2012
Antimony	ND	2.7		mg/Kg-dry	10	7/12/2012
Arsenic	21	1.3		mg/Kg-dry	10	7/12/2012
Barium	550	1.3		mg/Kg-dry	10	7/12/2012
Beryllium	ND	0.67		mg/Kg-dry	10	7/12/2012
Cadmium	2.3	0.67		mg/Kg-dry	10	7/12/2012
Calcium	27000	81		mg/Kg-dry	10	7/12/2012
Chromium	27	1.3		mg/Kg-dry	10	7/12/2012
Cobalt	10	1.3		mg/Kg-dry	10	7/12/2012
Copper	170	3.4		mg/Kg-dry	10	7/12/2012
Iron	110000	4000		mg/Kg-dry	1000	7/13/2012
Lead	1200	0.67		mg/Kg-dry	10	7/12/2012
Magnesium	6900	40		mg/Kg-dry	10	7/12/2012
Manganese	520	1.3		mg/Kg-dry	10	7/12/2012
Nickel	30	1.3		mg/Kg-dry	10	7/12/2012
Potassium	1000	40		mg/Kg-dry	10	7/12/2012
Selenium	2.3	1.3		mg/Kg-dry	10	7/12/2012
Silver	ND	1.3		mg/Kg-dry	10	7/12/2012
Sodium	390	81		mg/Kg-dry	10	7/12/2012
Thallium	ND	1.3		mg/Kg-dry	10	7/12/2012
Vanadium	18	1.3		mg/Kg-dry	10	7/12/2012
Zinc	1400	67		mg/Kg-dry	100	7/12/2012
TCLP Metals by ICP/MS		SW1311/6020 (SW3005A)			Prep Date: 7/12/2012	Analyst: JG
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	1.1	0.5		mg/L	5	7/13/2012
Cadmium	ND	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	1.6	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)			Prep Date: 7/11/2012	Analyst: DM
Acenaphthene	0.15	0.046		mg/Kg-dry	1	7/11/2012

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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-004

Client Sample ID: GP-4 (8-10)
Collection Date: 7/10/2012 11:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **DM**
Acenaphthylene	0.064	0.046		mg/Kg-dry	1	7/11/2012
Aniline	ND	0.47		mg/Kg-dry	1	7/11/2012
Anthracene	0.78	0.046		mg/Kg-dry	1	7/11/2012
Benz(a)anthracene	2.7	0.046		mg/Kg-dry	1	7/11/2012
Benzidine	ND	0.46		mg/Kg-dry	1	7/11/2012
Benzo(a)pyrene	2.9	0.046		mg/Kg-dry	1	7/11/2012
Benzo(b)fluoranthene	2.4	0.046		mg/Kg-dry	1	7/11/2012
Benzo(g,h,i)perylene	1.7	0.046		mg/Kg-dry	1	7/11/2012
Benzo(k)fluoranthene	2	0.046		mg/Kg-dry	1	7/11/2012
Benzoic acid	ND	1.2		mg/Kg-dry	1	7/11/2012
Benzyl alcohol	ND	0.24		mg/Kg-dry	1	7/11/2012
Bis(2-chloroethoxy)methane	ND	0.24		mg/Kg-dry	1	7/11/2012
Bis(2-chloroethyl)ether	ND	0.24		mg/Kg-dry	1	7/11/2012
Bis(2-ethylhexyl)phthalate	ND	1.2		mg/Kg-dry	1	7/11/2012
4-Bromophenyl phenyl ether	ND	0.24		mg/Kg-dry	1	7/11/2012
Butyl benzyl phthalate	ND	0.24		mg/Kg-dry	1	7/11/2012
Carbazole	ND	0.24		mg/Kg-dry	1	7/11/2012
4-Chloroaniline	ND	0.24		mg/Kg-dry	1	7/11/2012
4-Chloro-3-methylphenol	ND	0.46		mg/Kg-dry	1	7/11/2012
2-Chloronaphthalene	ND	0.24		mg/Kg-dry	1	7/11/2012
2-Chlorophenol	ND	0.24		mg/Kg-dry	1	7/11/2012
4-Chlorophenyl phenyl ether	ND	0.24		mg/Kg-dry	1	7/11/2012
Chrysene	2.8	0.046		mg/Kg-dry	1	7/11/2012
Dibenz(a,h)anthracene	0.47	0.046		mg/Kg-dry	1	7/11/2012
Dibenzofuran	ND	0.24		mg/Kg-dry	1	7/11/2012
1,2-Dichlorobenzene	ND	0.24		mg/Kg-dry	1	7/11/2012
1,3-Dichlorobenzene	ND	0.24		mg/Kg-dry	1	7/11/2012
1,4-Dichlorobenzene	ND	0.24		mg/Kg-dry	1	7/11/2012
3,3'-Dichlorobenzidine	ND	0.24		mg/Kg-dry	1	7/11/2012
2,4-Dichlorophenol	ND	0.24		mg/Kg-dry	1	7/11/2012
Diethyl phthalate	ND	0.24		mg/Kg-dry	1	7/11/2012
2,4-Dimethylphenol	ND	0.24		mg/Kg-dry	1	7/11/2012
Dimethyl phthalate	ND	0.24		mg/Kg-dry	1	7/11/2012
4,6-Dinitro-2-methylphenol	ND	0.46		mg/Kg-dry	1	7/11/2012
2,4-Dinitrophenol	ND	1.2		mg/Kg-dry	1	7/11/2012
2,4-Dinitrotoluene	ND	0.046		mg/Kg-dry	1	7/11/2012
2,6-Dinitrotoluene	ND	0.046		mg/Kg-dry	1	7/11/2012
Di-n-butyl phthalate	ND	0.24		mg/Kg-dry	1	7/11/2012

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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-004

Client Sample ID: GP-4 (8-10)
Collection Date: 7/10/2012 11:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **DM**
Di-n-octyl phthalate	ND	0.24		mg/Kg-dry	1	7/11/2012
Fluoranthene	4.7	0.046		mg/Kg-dry	1	7/11/2012
Fluorene	0.2	0.046		mg/Kg-dry	1	7/11/2012
Hexachlorobenzene	ND	0.24		mg/Kg-dry	1	7/11/2012
Hexachlorobutadiene	ND	0.24		mg/Kg-dry	1	7/11/2012
Hexachlorocyclopentadiene	ND	0.24		mg/Kg-dry	1	7/11/2012
Hexachloroethane	ND	0.24		mg/Kg-dry	1	7/11/2012
Indeno(1,2,3-cd)pyrene	1.4	0.046		mg/Kg-dry	1	7/11/2012
Isophorone	ND	0.24		mg/Kg-dry	1	7/11/2012
2-Methylnaphthalene	ND	0.24		mg/Kg-dry	1	7/11/2012
2-Methylphenol	ND	0.24		mg/Kg-dry	1	7/11/2012
4-Methylphenol	ND	0.24		mg/Kg-dry	1	7/11/2012
Naphthalene	0.07	0.046		mg/Kg-dry	1	7/11/2012
2-Nitroaniline	ND	0.24		mg/Kg-dry	1	7/11/2012
3-Nitroaniline	ND	0.24		mg/Kg-dry	1	7/11/2012
4-Nitroaniline	ND	0.24		mg/Kg-dry	1	7/11/2012
2-Nitrophenol	ND	0.24		mg/Kg-dry	1	7/11/2012
4-Nitrophenol	ND	0.46		mg/Kg-dry	1	7/11/2012
Nitrobenzene	ND	0.046		mg/Kg-dry	1	7/11/2012
N-Nitrosodi-n-propylamine	ND	0.046		mg/Kg-dry	1	7/11/2012
N-Nitrosodimethylamine	ND	0.24		mg/Kg-dry	1	7/11/2012
N-Nitrosodiphenylamine	ND	0.046		mg/Kg-dry	1	7/11/2012
2, 2'-oxybis(1-Chloropropane)	ND	0.24		mg/Kg-dry	1	7/11/2012
Pentachlorophenol	ND	0.046		mg/Kg-dry	1	7/11/2012
Phenanthrene	2.6	0.046		mg/Kg-dry	1	7/11/2012
Phenol	ND	0.24		mg/Kg-dry	1	7/11/2012
Pyrene	4.3	0.046		mg/Kg-dry	1	7/11/2012
Pyridine	ND	0.94		mg/Kg-dry	1	7/11/2012
1,2,4-Trichlorobenzene	ND	0.24		mg/Kg-dry	1	7/11/2012
2,4,5-Trichlorophenol	ND	0.24		mg/Kg-dry	1	7/11/2012
2,4,6-Trichlorophenol	ND	0.24		mg/Kg-dry	1	7/11/2012
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/11/2012**		Analyst: **PS**
Acetone	ND	0.095		mg/Kg-dry	1	7/11/2012
Benzene	ND	0.0063		mg/Kg-dry	1	7/11/2012
Bromodichloromethane	ND	0.0063		mg/Kg-dry	1	7/11/2012
Bromoform	ND	0.0063		mg/Kg-dry	1	7/11/2012
Bromomethane	ND	0.013		mg/Kg-dry	1	7/11/2012
2-Butanone	ND	0.095		mg/Kg-dry	1	7/11/2012

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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-004

Client Sample ID: GP-4 (8-10)
Collection Date: 7/10/2012 11:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/11/2012**		Analyst: **PS**
Carbon disulfide	ND	0.063		mg/Kg-dry	1	7/11/2012
Carbon tetrachloride	ND	0.0063		mg/Kg-dry	1	7/11/2012
Chlorobenzene	ND	0.0063		mg/Kg-dry	1	7/11/2012
Chloroethane	ND	0.013		mg/Kg-dry	1	7/11/2012
Chloroform	ND	0.0063		mg/Kg-dry	1	7/11/2012
Chloromethane	ND	0.013		mg/Kg-dry	1	7/11/2012
Dibromochloromethane	ND	0.0063		mg/Kg-dry	1	7/11/2012
1,1-Dichloroethane	ND	0.0063		mg/Kg-dry	1	7/11/2012
1,2-Dichloroethane	ND	0.0063		mg/Kg-dry	1	7/11/2012
1,1-Dichloroethene	ND	0.0063		mg/Kg-dry	1	7/11/2012
cis-1,2-Dichloroethene	ND	0.0063		mg/Kg-dry	1	7/11/2012
trans-1,2-Dichloroethene	ND	0.0063		mg/Kg-dry	1	7/11/2012
1,2-Dichloropropane	ND	0.0063		mg/Kg-dry	1	7/11/2012
cis-1,3-Dichloropropene	ND	0.0025		mg/Kg-dry	1	7/11/2012
trans-1,3-Dichloropropene	ND	0.0025		mg/Kg-dry	1	7/11/2012
Ethylbenzene	ND	0.0063		mg/Kg-dry	1	7/11/2012
2-Hexanone	ND	0.025		mg/Kg-dry	1	7/11/2012
4-Methyl-2-pentanone	ND	0.025		mg/Kg-dry	1	7/11/2012
Methylene chloride	ND	0.013		mg/Kg-dry	1	7/11/2012
Methyl tert-butyl ether	ND	0.0063		mg/Kg-dry	1	7/11/2012
Styrene	ND	0.0063		mg/Kg-dry	1	7/11/2012
1,1,2,2-Tetrachloroethane	ND	0.0063		mg/Kg-dry	1	7/11/2012
Tetrachloroethene	ND	0.0063		mg/Kg-dry	1	7/11/2012
Toluene	ND	0.0063		mg/Kg-dry	1	7/11/2012
1,1,1-Trichloroethane	ND	0.0063		mg/Kg-dry	1	7/11/2012
1,1,2-Trichloroethane	ND	0.0063		mg/Kg-dry	1	7/11/2012
Trichloroethene	ND	0.0063		mg/Kg-dry	1	7/11/2012
Vinyl chloride	ND	0.0063		mg/Kg-dry	1	7/11/2012
Xylenes, Total	ND	0.019		mg/Kg-dry	1	7/11/2012
Cyanide, Total	**SW9012A**			Prep Date: **7/12/2012**		Analyst: **MDDT**
Cyanide	0.76	0.35		mg/Kg-dry	1	7/13/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/11/2012**		Analyst: **MNG**
pH	7.6			pH Units	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	28.7	0.2	*	wt%	1	7/12/2012

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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-005

Client Sample ID: GP-6 (6-8)
Collection Date: 7/10/2012 12:10:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		SW8082 (SW3550B)		Prep Date: 7/11/2012		Analyst: GVC
Aroclor 1016	ND	0.1		mg/Kg-dry	1	7/12/2012
Aroclor 1221	ND	0.1		mg/Kg-dry	1	7/12/2012
Aroclor 1232	ND	0.1		mg/Kg-dry	1	7/12/2012
Aroclor 1242	ND	0.1		mg/Kg-dry	1	7/12/2012
Aroclor 1248	ND	0.1		mg/Kg-dry	1	7/12/2012
Aroclor 1254	ND	0.1		mg/Kg-dry	1	7/12/2012
Aroclor 1260	ND	0.1		mg/Kg-dry	1	7/12/2012
TCLP Mercury		SW1311/7470A		Prep Date: 7/12/2012		Analyst: LB
Mercury	ND	0.0002		mg/L	1	7/12/2012
Mercury		SW7471A		Prep Date: 7/11/2012		Analyst: LB
Mercury	0.03	0.024		mg/Kg-dry	1	7/11/2012
Metals by ICP/MS		SW6020 (SW3050B)		Prep Date: 7/11/2012		Analyst: JG
Arsenic	14	1.2		mg/Kg-dry	10	7/11/2012
Barium	44	1.2		mg/Kg-dry	10	7/11/2012
Cadmium	0.77	0.61		mg/Kg-dry	10	7/11/2012
Chromium	17	1.2		mg/Kg-dry	10	7/11/2012
Lead	42	0.61		mg/Kg-dry	10	7/12/2012
Selenium	ND	1.2		mg/Kg-dry	10	7/11/2012
Silver	ND	1.2		mg/Kg-dry	10	7/11/2012
TCLP Metals by ICP/MS		SW1311/6020 (SW3005A)		Prep Date: 7/12/2012		Analyst: JG
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	ND	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	0.015	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 7/11/2012		Analyst: DM
Acenaphthene	ND	0.041		mg/Kg-dry	1	7/11/2012
Acenaphthylene	ND	0.041		mg/Kg-dry	1	7/11/2012
Anthracene	ND	0.041		mg/Kg-dry	1	7/11/2012
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	7/11/2012
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	7/11/2012
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	7/11/2012
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	7/11/2012
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	7/11/2012

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Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-005

Client Sample ID: GP-6 (6-8)
Collection Date: 7/10/2012 12:10:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **DM**
Chrysene	0.041	0.041		mg/Kg-dry	1	7/11/2012
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	7/11/2012
Fluoranthene	0.061	0.041		mg/Kg-dry	1	7/11/2012
Fluorene	ND	0.041		mg/Kg-dry	1	7/11/2012
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	7/11/2012
Naphthalene	ND	0.041		mg/Kg-dry	1	7/11/2012
Phenanthrene	ND	0.041		mg/Kg-dry	1	7/11/2012
Pyrene	0.058	0.041		mg/Kg-dry	1	7/11/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/11/2012**		Analyst: **MNG**
pH	7.3			pH Units	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	20.9	0.2	*	wt%	1	7/12/2012

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HT - Sample received past holding time
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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-006

Client Sample ID: GP-5 (2-4)
Collection Date: 7/10/2012 12:40:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		**SW8082 (SW3550B)**		Prep Date: **7/11/2012**		Analyst: **PDL**
Aroclor 1016	ND	0.089		mg/Kg-dry	1	7/11/2012
Aroclor 1221	ND	0.089		mg/Kg-dry	1	7/11/2012
Aroclor 1232	ND	0.089		mg/Kg-dry	1	7/11/2012
Aroclor 1242	ND	0.089		mg/Kg-dry	1	7/11/2012
Aroclor 1248	ND	0.089		mg/Kg-dry	1	7/11/2012
Aroclor 1254	ND	0.089		mg/Kg-dry	1	7/11/2012
Aroclor 1260	ND	0.089		mg/Kg-dry	1	7/11/2012
Pesticides		**SW8081 (SW3550B)**		Prep Date: **7/11/2012**		Analyst: **PDL**
4,4'-DDD	ND	0.0018		mg/Kg-dry	1	7/11/2012
4,4'-DDE	ND	0.0018		mg/Kg-dry	1	7/11/2012
4,4'-DDT	ND	0.0018		mg/Kg-dry	1	7/11/2012
Aldrin	ND	0.0018		mg/Kg-dry	1	7/11/2012
alpha-BHC	ND	0.0018		mg/Kg-dry	1	7/11/2012
alpha-Chlordane	ND	0.0018		mg/Kg-dry	1	7/11/2012
beta-BHC	ND	0.0018		mg/Kg-dry	1	7/11/2012
Chlordane	ND	0.037		mg/Kg-dry	1	7/11/2012
delta-BHC	ND	0.0018		mg/Kg-dry	1	7/11/2012
Dieldrin	ND	0.0018		mg/Kg-dry	1	7/11/2012
Endosulfan I	ND	0.0018		mg/Kg-dry	1	7/11/2012
Endosulfan II	ND	0.0018		mg/Kg-dry	1	7/11/2012
Endosulfan sulfate	ND	0.0018		mg/Kg-dry	1	7/11/2012
Endrin	ND	0.0018		mg/Kg-dry	1	7/11/2012
Endrin aldehyde	ND	0.0018		mg/Kg-dry	1	7/11/2012
Endrin ketone	ND	0.0018		mg/Kg-dry	1	7/11/2012
gamma-BHC	ND	0.0018		mg/Kg-dry	1	7/11/2012
gamma-Chlordane	ND	0.0018		mg/Kg-dry	1	7/11/2012
Heptachlor	ND	0.0018		mg/Kg-dry	1	7/11/2012
Heptachlor epoxide	ND	0.0018		mg/Kg-dry	1	7/11/2012
Methoxychlor	ND	0.0018		mg/Kg-dry	1	7/11/2012
Toxaphene	ND	0.037		mg/Kg-dry	1	7/11/2012
TCLP Mercury		**SW1311/7470A**		Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/12/2012
Mercury Species Fractionation		**SW7470A/7471A (SW3200)**		Prep Date: **7/24/2012**		Analyst: **LB**
Extractable Mercury	0.14	0.0068		mg/Kg-dry	1	7/24/2012
Mercury Species Fractionation		**SW7470A/7471A (SW3200)**		Prep Date: **7/24/2012**		Analyst: **LB**
Semi-mobile Mercury	0.13	0.0068		mg/Kg-dry	1	7/24/2012

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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-006

Client Sample ID: GP-5 (2-4)
Collection Date: 7/10/2012 12:40:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury Species Fractionation		**SW7470A/7471A (SW3200)**		Prep Date: **7/24/2012**		Analyst: **LB**
Non-mobile Mercury	ND	0.0068		mg/Kg-dry	1	7/24/2012
Mercury		**SW7471A**		Prep Date: **7/11/2012**		Analyst: **LB**
Mercury	0.23	0.02		mg/Kg-dry	1	7/11/2012
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **7/12/2012**		Analyst: **JG**
Aluminum	8700	220		mg/Kg-dry	100	7/12/2012
Antimony	ND	2.2		mg/Kg-dry	10	7/12/2012
Arsenic	13	1.1		mg/Kg-dry	10	7/12/2012
Barium	130	1.1		mg/Kg-dry	10	7/12/2012
Beryllium	0.77	0.54		mg/Kg-dry	10	7/12/2012
Cadmium	2	0.54		mg/Kg-dry	10	7/12/2012
Calcium	63000	650		mg/Kg-dry	100	7/12/2012
Chromium	24	1.1		mg/Kg-dry	10	7/12/2012
Cobalt	11	1.1		mg/Kg-dry	10	7/12/2012
Copper	81	2.7		mg/Kg-dry	10	7/12/2012
Iron	35000	320		mg/Kg-dry	100	7/12/2012
Lead	240	0.54		mg/Kg-dry	10	7/12/2012
Magnesium	28000	32		mg/Kg-dry	10	7/12/2012
Manganese	410	1.1		mg/Kg-dry	10	7/12/2012
Nickel	32	1.1		mg/Kg-dry	10	7/12/2012
Potassium	1500	32		mg/Kg-dry	10	7/12/2012
Selenium	1.3	1.1		mg/Kg-dry	10	7/12/2012
Silver	ND	1.1		mg/Kg-dry	10	7/12/2012
Sodium	370	65		mg/Kg-dry	10	7/12/2012
Thallium	1.3	1.1		mg/Kg-dry	10	7/12/2012
Vanadium	26	1.1		mg/Kg-dry	10	7/12/2012
Zinc	400	5.4		mg/Kg-dry	10	7/12/2012
TCLP Metals by ICP/MS		**SW1311/6020 (SW3005A)**		Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	0.012	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	0.11	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **7/11/2012**		Analyst: **DM**
Acenaphthene	0.67	0.037		mg/Kg-dry	1	7/12/2012

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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-006

Client Sample ID: GP-5 (2-4)
Collection Date: 7/10/2012 12:40:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **DM**
Acenaphthylene	0.27	0.037		mg/Kg-dry	1	7/12/2012
Aniline	ND	0.37		mg/Kg-dry	1	7/12/2012
Anthracene	1.4	0.037		mg/Kg-dry	1	7/12/2012
Benz(a)anthracene	3.7	0.037		mg/Kg-dry	1	7/12/2012
Benzidine	ND	0.37		mg/Kg-dry	1	7/12/2012
Benzo(a)pyrene	3	0.037		mg/Kg-dry	1	7/12/2012
Benzo(b)fluoranthene	2.7	0.037		mg/Kg-dry	1	7/12/2012
Benzo(g,h,i)perylene	1.4	0.037		mg/Kg-dry	1	7/12/2012
Benzo(k)fluoranthene	2.5	0.037		mg/Kg-dry	1	7/12/2012
Benzoic acid	ND	0.93		mg/Kg-dry	1	7/12/2012
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	7/12/2012
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	7/12/2012
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	7/12/2012
Bis(2-ethylhexyl)phthalate	ND	0.93		mg/Kg-dry	1	7/12/2012
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	7/12/2012
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	7/12/2012
Carbazole	0.64	0.19		mg/Kg-dry	1	7/12/2012
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	7/12/2012
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	7/12/2012
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	7/12/2012
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	7/12/2012
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	7/12/2012
Chrysene	3.6	0.037		mg/Kg-dry	1	7/12/2012
Dibenz(a,h)anthracene	0.53	0.037		mg/Kg-dry	1	7/12/2012
Dibenzofuran	0.68	0.19		mg/Kg-dry	1	7/12/2012
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	7/12/2012
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	7/12/2012
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	7/12/2012
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	7/12/2012
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	7/12/2012
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	7/12/2012
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	7/12/2012
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	7/12/2012
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	7/12/2012
2,4-Dinitrophenol	ND	0.93		mg/Kg-dry	1	7/12/2012
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	7/12/2012
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	7/12/2012
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	7/12/2012

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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-006

Client Sample ID: GP-5 (2-4)
Collection Date: 7/10/2012 12:40:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **DM**
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	7/12/2012
Fluoranthene	7.3	0.18		mg/Kg-dry	5	7/13/2012
Fluorene	0.84	0.037		mg/Kg-dry	1	7/12/2012
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	7/12/2012
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	7/12/2012
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	7/12/2012
Hexachloroethane	ND	0.19		mg/Kg-dry	1	7/12/2012
Indeno(1,2,3-cd)pyrene	1.3	0.037		mg/Kg-dry	1	7/12/2012
Isophorone	ND	0.19		mg/Kg-dry	1	7/12/2012
2-Methylnaphthalene	0.67	0.19		mg/Kg-dry	1	7/12/2012
2-Methylphenol	ND	0.19		mg/Kg-dry	1	7/12/2012
4-Methylphenol	ND	0.19		mg/Kg-dry	1	7/12/2012
Naphthalene	1.4	0.037		mg/Kg-dry	1	7/12/2012
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	7/12/2012
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	7/12/2012
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	7/12/2012
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	7/12/2012
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	7/12/2012
Nitrobenzene	ND	0.037		mg/Kg-dry	1	7/12/2012
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	7/12/2012
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	7/12/2012
N-Nitrosodiphenylamine	ND	0.037		mg/Kg-dry	1	7/12/2012
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	7/12/2012
Pentachlorophenol	ND	0.037		mg/Kg-dry	1	7/12/2012
Phenanthrene	5.2	0.18		mg/Kg-dry	5	7/13/2012
Phenol	ND	0.19		mg/Kg-dry	1	7/12/2012
Pyrene	6.5	0.18		mg/Kg-dry	5	7/13/2012
Pyridine	ND	0.75		mg/Kg-dry	1	7/12/2012
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	7/12/2012
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	7/12/2012
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	7/12/2012
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/11/2012**		Analyst: **PS**
Acetone	ND	0.08		mg/Kg-dry	1	7/11/2012
Benzene	ND	0.0054		mg/Kg-dry	1	7/11/2012
Bromodichloromethane	ND	0.0054		mg/Kg-dry	1	7/11/2012
Bromoform	ND	0.0054		mg/Kg-dry	1	7/11/2012
Bromomethane	ND	0.011		mg/Kg-dry	1	7/11/2012
2-Butanone	ND	0.08		mg/Kg-dry	1	7/11/2012

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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-006

Client Sample ID: GP-5 (2-4)
Collection Date: 7/10/2012 12:40:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/11/2012**		Analyst: **PS**
Carbon disulfide	ND	0.054		mg/Kg-dry	1	7/11/2012
Carbon tetrachloride	ND	0.0054		mg/Kg-dry	1	7/11/2012
Chlorobenzene	ND	0.0054		mg/Kg-dry	1	7/11/2012
Chloroethane	ND	0.011		mg/Kg-dry	1	7/11/2012
Chloroform	ND	0.0054		mg/Kg-dry	1	7/11/2012
Chloromethane	ND	0.011		mg/Kg-dry	1	7/11/2012
Dibromochloromethane	ND	0.0054		mg/Kg-dry	1	7/11/2012
1,1-Dichloroethane	ND	0.0054		mg/Kg-dry	1	7/11/2012
1,2-Dichloroethane	ND	0.0054		mg/Kg-dry	1	7/11/2012
1,1-Dichloroethene	ND	0.0054		mg/Kg-dry	1	7/11/2012
cis-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	7/11/2012
trans-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	7/11/2012
1,2-Dichloropropane	ND	0.0054		mg/Kg-dry	1	7/11/2012
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	7/11/2012
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	7/11/2012
Ethylbenzene	ND	0.0054		mg/Kg-dry	1	7/11/2012
2-Hexanone	ND	0.021		mg/Kg-dry	1	7/11/2012
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	7/11/2012
Methylene chloride	ND	0.011		mg/Kg-dry	1	7/11/2012
Methyl tert-butyl ether	ND	0.0054		mg/Kg-dry	1	7/11/2012
Styrene	ND	0.0054		mg/Kg-dry	1	7/11/2012
1,1,2,2-Tetrachloroethane	ND	0.0054		mg/Kg-dry	1	7/11/2012
Tetrachloroethene	ND	0.0054		mg/Kg-dry	1	7/11/2012
Toluene	ND	0.0054		mg/Kg-dry	1	7/11/2012
1,1,1-Trichloroethane	ND	0.0054		mg/Kg-dry	1	7/11/2012
1,1,2-Trichloroethane	ND	0.0054		mg/Kg-dry	1	7/11/2012
Trichloroethene	ND	0.0054		mg/Kg-dry	1	7/11/2012
Vinyl chloride	ND	0.0054		mg/Kg-dry	1	7/11/2012
Xylenes, Total	ND	0.016		mg/Kg-dry	1	7/11/2012
Cyanide, Total	**SW9012A**			Prep Date: **7/11/2012**		Analyst: **MDDT**
Cyanide	ND	0.28		mg/Kg-dry	1	7/12/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/11/2012**		Analyst: **MNG**
pH	7.5			pH Units	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	11.2	0.2	*	wt%	1	7/12/2012

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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-015

Client Sample ID: GP-13 (3-5)
Collection Date: 7/10/2012 2:53:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.099		mg/Kg-dry	1	7/12/2012
Aroclor 1221	ND	0.099		mg/Kg-dry	1	7/12/2012
Aroclor 1232	ND	0.099		mg/Kg-dry	1	7/12/2012
Aroclor 1242	ND	0.099		mg/Kg-dry	1	7/12/2012
Aroclor 1248	ND	0.099		mg/Kg-dry	1	7/12/2012
Aroclor 1254	ND	0.099		mg/Kg-dry	1	7/12/2012
Aroclor 1260	ND	0.099		mg/Kg-dry	1	7/12/2012
Mercury	**SW7471A**			Prep Date: **7/11/2012**		Analyst: **LB**
Mercury	0.092	0.022		mg/Kg-dry	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	19.1	0.2	*	wt%	1	7/12/2012

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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-016

Client Sample ID: GP-13 (8-10)
Collection Date: 7/10/2012 2:55:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/12/2012**		Analyst: **PDL**
Aroclor 1016	ND	0.1		mg/Kg-dry	1	7/12/2012
Aroclor 1221	ND	0.1		mg/Kg-dry	1	7/12/2012
Aroclor 1232	ND	0.1		mg/Kg-dry	1	7/12/2012
Aroclor 1242	ND	0.1		mg/Kg-dry	1	7/12/2012
Aroclor 1248	ND	0.1		mg/Kg-dry	1	7/12/2012
Aroclor 1254	ND	0.1		mg/Kg-dry	1	7/12/2012
Aroclor 1260	ND	0.1		mg/Kg-dry	1	7/12/2012
Mercury	**SW7471A**			Prep Date: **7/11/2012**		Analyst: **LB**
Mercury	0.038	0.025		mg/Kg-dry	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	21.5	0.2	*	wt%	1	7/12/2012

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Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-017

Client Sample ID: GP-12 (2-4)
Collection Date: 7/10/2012 3:15:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/12/2012**		Analyst: **PDL**
Aroclor 1016	ND	0.097		mg/Kg-dry	1	7/12/2012
Aroclor 1221	ND	0.097		mg/Kg-dry	1	7/12/2012
Aroclor 1232	ND	0.097		mg/Kg-dry	1	7/12/2012
Aroclor 1242	ND	0.097		mg/Kg-dry	1	7/12/2012
Aroclor 1248	ND	0.097		mg/Kg-dry	1	7/12/2012
Aroclor 1254	ND	0.097		mg/Kg-dry	1	7/12/2012
Aroclor 1260	ND	0.097		mg/Kg-dry	1	7/12/2012
Mercury Species Fractionation	**SW7470A/7471A (SW3200)**			Prep Date: **7/24/2012**		Analyst: **LB**
Extractable Mercury	0.26	0.022		mg/Kg-dry	3	7/24/2012
Mercury Species Fractionation	**SW7470A/7471A (SW3200)**			Prep Date: **7/24/2012**		Analyst: **LB**
Semi-mobile Mercury	0.4	0.037		mg/Kg-dry	5	7/24/2012
Mercury Species Fractionation	**SW7470A/7471A (SW3200)**			Prep Date: **7/24/2012**		Analyst: **LB**
Non-mobile Mercury	ND	0.0074		mg/Kg-dry	1	7/24/2012
Mercury	**SW7471A**			Prep Date: **7/11/2012**		Analyst: **LB**
Mercury	0.38	0.021		mg/Kg-dry	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	19.3	0.2	*	wt%	1	7/12/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-018

Client Sample ID: GP-12 (6-8)
Collection Date: 7/10/2012 3:20:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.095		mg/Kg-dry	1	7/12/2012
Aroclor 1221	ND	0.095		mg/Kg-dry	1	7/12/2012
Aroclor 1232	ND	0.095		mg/Kg-dry	1	7/12/2012
Aroclor 1242	ND	0.095		mg/Kg-dry	1	7/12/2012
Aroclor 1248	ND	0.095		mg/Kg-dry	1	7/12/2012
Aroclor 1254	ND	0.095		mg/Kg-dry	1	7/12/2012
Aroclor 1260	ND	0.095		mg/Kg-dry	1	7/12/2012
Mercury	**SW7471A**			Prep Date: **7/11/2012**		Analyst: **LB**
Mercury	0.022	0.02		mg/Kg-dry	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	16.2	0.2		wt%	1	7/12/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-019

Client Sample ID: GP-14 (3-5)
Collection Date: 7/10/2012 3:45:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/12/2012**		Analyst: **PDL**
Aroclor 1016	ND	0.094		mg/Kg-dry	1	7/13/2012
Aroclor 1221	ND	0.094		mg/Kg-dry	1	7/13/2012
Aroclor 1232	ND	0.094		mg/Kg-dry	1	7/13/2012
Aroclor 1242	0.2	0.094		mg/Kg-dry	1	7/13/2012
Aroclor 1248	ND	0.094		mg/Kg-dry	1	7/13/2012
Aroclor 1254	0.18	0.094		mg/Kg-dry	1	7/13/2012
Aroclor 1260	0.17	0.094		mg/Kg-dry	1	7/13/2012
Mercury Species Fractionation	**SW7470A/7471A (SW3200)**			Prep Date: **7/24/2012**		Analyst: **LB**
Extractable Mercury	0.17	0.0071		mg/Kg-dry	1	7/24/2012
Mercury Species Fractionation	**SW7470A/7471A (SW3200)**			Prep Date: **7/24/2012**		Analyst: **LB**
Semi-mobile Mercury	0.081	0.0071		mg/Kg-dry	1	7/24/2012
Mercury Species Fractionation	**SW7470A/7471A (SW3200)**			Prep Date: **7/24/2012**		Analyst: **LB**
Non-mobile Mercury	ND	0.0071		mg/Kg-dry	1	7/24/2012
Mercury	**SW7471A**			Prep Date: **7/11/2012**		Analyst: **LB**
Mercury	0.3	0.02		mg/Kg-dry	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	15.9	0.2	*	wt%	1	7/12/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-020

Client Sample ID: GP-14 (8-10)
Collection Date: 7/10/2012 3:50:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.093		mg/Kg-dry	1	7/12/2012
Aroclor 1221	ND	0.093		mg/Kg-dry	1	7/12/2012
Aroclor 1232	ND	0.093		mg/Kg-dry	1	7/12/2012
Aroclor 1242	ND	0.093		mg/Kg-dry	1	7/12/2012
Aroclor 1248	ND	0.093		mg/Kg-dry	1	7/12/2012
Aroclor 1254	ND	0.093		mg/Kg-dry	1	7/12/2012
Aroclor 1260	ND	0.093		mg/Kg-dry	1	7/12/2012
Mercury	**SW7471A**			Prep Date: **7/11/2012**		Analyst: **LB**
Mercury	0.03	0.019		mg/Kg-dry	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	14.8	0.2	*	wt%	1	7/12/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-021

Client Sample ID: GP-11 (6-8)
Collection Date: 7/10/2012 4:10:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.092		mg/Kg-dry	1	7/12/2012
Aroclor 1221	ND	0.092		mg/Kg-dry	1	7/12/2012
Aroclor 1232	ND	0.092		mg/Kg-dry	1	7/12/2012
Aroclor 1242	ND	0.092		mg/Kg-dry	1	7/12/2012
Aroclor 1248	ND	0.092		mg/Kg-dry	1	7/12/2012
Aroclor 1254	ND	0.092		mg/Kg-dry	1	7/12/2012
Aroclor 1260	ND	0.092		mg/Kg-dry	1	7/12/2012
Mercury	**SW7471A**			Prep Date: **7/11/2012**		Analyst: **LB**
Mercury	0.024	0.021		mg/Kg-dry	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	14.5	0.2	*	wt%	1	7/12/2012

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070443
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070443-022

Client Sample ID: GP-11 (10-12)
Collection Date: 7/10/2012 4:15:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/11/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.096		mg/Kg-dry	1	7/12/2012
Aroclor 1221	ND	0.096		mg/Kg-dry	1	7/12/2012
Aroclor 1232	ND	0.096		mg/Kg-dry	1	7/12/2012
Aroclor 1242	ND	0.096		mg/Kg-dry	1	7/12/2012
Aroclor 1248	ND	0.096		mg/Kg-dry	1	7/12/2012
Aroclor 1254	ND	0.096		mg/Kg-dry	1	7/12/2012
Aroclor 1260	ND	0.096		mg/Kg-dry	1	7/12/2012
Mercury	**SW7471A**			Prep Date: **7/11/2012**		Analyst: **LB**
Mercury	0.03	0.019		mg/Kg-dry	1	7/11/2012
Percent Moisture	**D2974**			Prep Date: **7/11/2012**		Analyst: **PBG**
Percent Moisture	16.7	0.2		wt%	1	7/12/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

CHAIN OF CUSTODY RECORD

№: 843945 Page : ____ of ____

Company: ARCADIS
Project Number: Client Tracking No.:
Project Name: ComEd-Crawford
Project Location: Chicago, IL
Sampler(s): C. Crenshaw, H. Hilchey
Report To: Wei Lin Feng Phone:
Fax:
QC Level: 1 ___ 2 ___ 3 ___ 4 ___ e-mail:

P.O. No.:
Quote No.:

Turn Around:
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	PNAs	PCBs	Total metals	TCLP RCRA metals	pH	TCL	Total Mercury							Remarks	Lab No.:
GP-1(2-4)	7/10/12	0925	S		X		1	1	1	1	1	1										001
GP-3(10-12)	7/10/12	1015	S		X		1	1	1	1	1	1										002
GP-2(0-2)	7/10/12	1050	S		X		1	1	1	1	1	1										003
GP-4(8-10)	7/10/12	1115	S		X		4				1	1	1									004
GP-6(6-8)	7/10/12	1210	S		X		1	1	1	1	1	1										005
GP-5(2-4)	7/10/12	1240	S		X		4				1	1	1									006
GP-7(3-5)	7/10/12	1310	S		X		1		1					1							HOLD	007
GP-7(10-12)	7/10/12	1315	S		X		1		1					1							HOLD	008
GP-8(4-6)	7/10/12	1340	S		X		1		1					1							HOLD	009
GP-8(10-12)	7/10/12	1345	S		X		1		1					1							HOLD	010
GP-9(3-5)	7/10/12	1405	S		X		1		1					1							HOLD	011
GP-9(6-8)	7/10/12	1410	S		X		1		1					1							HOLD	012
GP-10(0-4)	7/10/12	1430	S		X		1		1					1							HOLD	013
GP-10(4-8)	7/10/12	1440	S		X		1		1					1							HOLD	014
GP-13(3-5)	7/10/12	1453	S		X		1		1					1								015
GP-13(8-10)	7/10/12	1455	S		X		1		1					1								016
GP-12(2-4)	7/10/12	1515	S		X		1		1					1								017
GP-12(6-8)	7/10/12	1520	S		X		1		1					1								018
GP-14(3-5)	7/10/12	1545	S		X		1		1					1								019
GP-14(8-10)	7/10/12	1550	S		X		1		1					1								020

Relinquished by: (Signature) H. Hilchey Date/Time: 7/10/12 1710
Received by: (Signature) Katie [illegible] Date/Time: 7/10/12 1710
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments: 4 Day TAT
"HOLD" Pending results.

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 12070443
Received on Ice: Yes [X] No [ ]
Temperature: 57 °C

ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page ____ of ____

Project Number/Name: ComEd Crawford

Project Location: Chicago, IL

Laboratory: STAT

Project Manager: Wei-Lin Feng

Sampler(s)/Affiliation: C Crenshaw / H. Hilchey

12070443

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/~~Time~~ Sampled	Time ~~Lab ID~~	PCBs 8 oz glass	Total Mercury 8 oz glass					Remarks	Total
GP-11(6-8)	S	07/10/12	1610	1	1					4 Day TAT	1 021
GP-11(10-12)	S	7/10/12	1615	1	1						1 022

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers: 2

Relinquished by: Heather Hilchey	Organization: ARCADIS	Date 7/10/12	Time 1710	Seal Intact?	
Received by: Katie Lewis	Organization:	Date 7/10/12	Time 1710	Yes No N/A	
Relinquished by:	Organization:	Date / /	Time	Seal Intact?	
Received by:	Organization:	Date / /	Time	Yes No N/A	

Special Instructions/Remarks: Questions, Please contact Wei-Lin Feng

* 4 Day TAT

Delivery Method: ☒ In Person ☐ Common Carrier _____ (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

AG 05-12/01

STAT Analysis Corporation

Sample Receipt Checklist

Client Name LFR

Date and Time Received: 7/10/2012 5:10:00 PM

Work Order Number 12070443

Received by: MAM

Checklist completed by: Signature 7-10-12 Date

Reviewed by: KL Initials 7/11/12 Date

Matrix: Carrier name STAT Analysis

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels/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 ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature 5.7 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples pH checked?	Yes ☐	No ☐	Checked by: _____
Water - Samples properly preserved?	Yes ☐	No ☐	pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____

Catia Giannini

From: Crenshaw, Courtney [Courtney.Crenshaw@arcadis-us.com]

Sent: Thursday, July 12, 2012 11:36 AM

To: Catia Giannini

Subject: ComEd Crawford Samples

Hi Catia,

Tuesday the 10th and yesterday the 11th we submitted some soil samples for the ComEd Crawford Site. I noticed the project number is not on the COC. Can you please apply project number EG012722.0000.00003? Also, Please send analytical reports via email to Dale Ellingson and Amy Schwarz rather than Wei-lin Feng. The "Total Metals" for analysis are the RCRA Metals. All samples are on a 4 day TAT except the samples on hold. Please let me know if you have any questions.
Thanks,

Courtney Crenshaw | Environmental Scientist II | courtney.crenshaw@arcadis-us.com
ARCADIS U.S., Inc. | 630 Tollgate Road, Suite D | Elgin, IL, 60123
T. 847.649.2036 | M. 224.279.7471 | F. 847.695.7799
www.arcadis-us.com
ARCADIS, Imagine the result
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Catia Giannini

From: Ellingson, Dale [Dale.Ellingson@arcadis-us.com]
Sent: Thursday, July 19, 2012 9:48 AM
To: Catia Giannini
Cc: Schwarz, Amy; Feng, Wei-Lin
Subject: ComEd Crawford Red Blue Yard

Please run elemental Hg analysis on the following samples 4-day TAT. Thank you

12070488-002	12070443-003	12070443-004	12070443-006	12070443-017	12070443-019
GP-17 (2-4)	GP-2 (0-2)	GP-4 (8-10)	GP-5 (2-4)	GP-12 (2-4)	GP-14 (3-5)

Dale Ellingson, PE | Senior Engineer | | dale.ellingson@arcadis-us.com
ARCADIS U.S., Inc. | 630 Tollgate Rd, Suite D | Elgin, IL, 60123
T. 847.649.2023 | M. 847.902.1525 | F. 847.695.7799
www.arcadis-us.com
Professional Engineer IL, 062.048802 | IN, PE10100769
ARCADIS, Imagine the result
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July 25, 2012

ARCADIS U.S., Inc.
630 Tollgate Road
Suite D
Elgin, IL 60123
Telephone: (847) 695-8855
Fax: (847) 695-7799

RE: EG012722.0000.00003, ComEd-Crawford, Chicago, IL STAT Project No: 12070488

Dear Wei-Lin Feng:

STAT Analysis received 14 samples for the referenced project on 7/11/2012 4:30:00 PM. The analytical results are presented in the following report.

This report is revised to reflect additional analysis requested after the initial report was issued.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Catia Giannini
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

STAT Analysis Corporation

Date: July 25, 2012

Client: ARCADIS U.S., Inc.
Project: EG012722.0000.00003, ComEd-Crawford, Chicago, IL
Lab Order: 12070488

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
12070488-001A	GP-18 (6-8)		7/11/2012 8:50:00 AM	7/11/2012
12070488-002A	GP-17 (2-4)		7/11/2012 9:15:00 AM	7/11/2012
12070488-003A	GP-16 (2-4)		7/11/2012 9:46:00 AM	7/11/2012
12070488-004A	GP-15 (6-8)		7/11/2012 10:20:00 AM	7/11/2012
12070488-005A	GP-19 (6-8)		7/11/2012 10:35:00 AM	7/11/2012
12070488-006A	GP-21 (3-5)		7/11/2012 11:00:00 AM	7/11/2012
12070488-007A	GP-22 (10-12)		7/11/2012 11:25:00 AM	7/11/2012
12070488-007B	GP-22 (10-12)		7/11/2012 11:25:00 AM	7/11/2012
12070488-008A	GP-24 (8-10)		7/11/2012 11:51:00 AM	7/11/2012
12070488-009A	GP-23 (5-7)		7/11/2012 12:50:00 PM	7/11/2012
12070488-009B	GP-23 (5-7)		7/11/2012 12:50:00 PM	7/11/2012
12070488-010A	GP-25 (2-4)		7/11/2012 1:15:00 PM	7/11/2012
12070488-011A	GP-26 (6-8)		7/11/2012 1:35:00 PM	7/11/2012
12070488-012A	GP-27 (3-5)		7/11/2012 2:01:00 PM	7/11/2012
12070488-013A	GP-28 (8-10)		7/11/2012 2:25:00 PM	7/11/2012
12070488-013B	GP-28 (8-10)		7/11/2012 2:25:00 PM	7/11/2012
12070488-014A	GP-20 (2-4)		7/11/2012 2:48:00 PM	7/11/2012

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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-001

Client Sample ID: GP-18 (6-8)
Collection Date: 7/11/2012 8:50:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/13/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.098		mg/Kg-dry	1	7/15/2012
Aroclor 1221	ND	0.098		mg/Kg-dry	1	7/15/2012
Aroclor 1232	ND	0.098		mg/Kg-dry	1	7/15/2012
Aroclor 1242	0.47	0.098		mg/Kg-dry	1	7/15/2012
Aroclor 1248	ND	0.098		mg/Kg-dry	1	7/15/2012
Aroclor 1254	0.5	0.098		mg/Kg-dry	1	7/15/2012
Aroclor 1260	0.26	0.098		mg/Kg-dry	1	7/15/2012
TCLP Mercury	**SW1311/7470A**			Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury	**SW7471A**			Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	0.096	0.024		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/12/2012**		Analyst: **JG**
Arsenic	14	1.1		mg/Kg-dry	10	7/12/2012
Barium	56	1.1		mg/Kg-dry	10	7/12/2012
Cadmium	1.1	0.55		mg/Kg-dry	10	7/12/2012
Chromium	19	1.1		mg/Kg-dry	10	7/12/2012
Lead	46	0.56		mg/Kg-dry	10	7/13/2012
Selenium	ND	1.1		mg/Kg-dry	10	7/12/2012
Silver	ND	1.1		mg/Kg-dry	10	7/12/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	0.66	0.5		mg/L	5	7/13/2012
Cadmium	0.014	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	0.071	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	0.76	0.041		mg/Kg-dry	1	7/16/2012
Acenaphthylene	1.2	0.041		mg/Kg-dry	1	7/16/2012
Anthracene	2.2	0.041		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	3.7	0.041		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	3.9	0.041		mg/Kg-dry	1	7/16/2012
Benzo(b)fluoranthene	3.5	0.041		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	3.5	0.041		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	2.5	0.041		mg/Kg-dry	1	7/16/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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R - RPD outside accepted recovery limits
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-001

Client Sample ID: GP-18 (6-8)
Collection Date: 7/11/2012 8:50:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Chrysene	4.2	0.041		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	1.3	0.041		mg/Kg-dry	1	7/16/2012
Fluoranthene	14	0.21		mg/Kg-dry	5	7/16/2012
Fluorene	0.95	0.041		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	2.7	0.041		mg/Kg-dry	1	7/16/2012
Naphthalene	0.48	0.041		mg/Kg-dry	1	7/16/2012
Phenanthrene	10	0.21		mg/Kg-dry	5	7/16/2012
Pyrene	11	0.21		mg/Kg-dry	5	7/16/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	7.6			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	20.2	0.2	*	wt%	1	7/13/2012

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B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-002

Client Sample ID: GP-17 (2-4)
Collection Date: 7/11/2012 9:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		**SW8082 (SW3550B)**		Prep Date: **7/13/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.097		mg/Kg-dry	1	7/15/2012
Aroclor 1221	ND	0.097		mg/Kg-dry	1	7/15/2012
Aroclor 1232	ND	0.097		mg/Kg-dry	1	7/15/2012
Aroclor 1242	0.5	0.097		mg/Kg-dry	1	7/15/2012
Aroclor 1248	ND	0.097		mg/Kg-dry	1	7/15/2012
Aroclor 1254	0.48	0.097		mg/Kg-dry	1	7/15/2012
Aroclor 1260	0.25	0.097		mg/Kg-dry	1	7/15/2012
TCLP Mercury		**SW1311/7470A**		Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury Species Fractionation		**SW7470A/7471A (SW3200)**		Prep Date: **7/24/2012**		Analyst: **LB**
Extractable Mercury	0.32	0.036		mg/Kg-dry	5	7/24/2012
Mercury Species Fractionation		**SW7470A/7471A (SW3200)**		Prep Date: **7/24/2012**		Analyst: **LB**
Semi-mobile Mercury	0.89	0.073		mg/Kg-dry	10	7/24/2012
Mercury Species Fractionation		**SW7470A/7471A (SW3200)**		Prep Date: **7/24/2012**		Analyst: **LB**
Non-mobile Mercury	0.21	0.022		mg/Kg-dry	3	7/24/2012
Mercury		**SW7471A**		Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	0.36	0.022		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **7/12/2012**		Analyst: **JG**
Arsenic	12	1.2		mg/Kg-dry	10	7/12/2012
Barium	66	1.2		mg/Kg-dry	10	7/12/2012
Cadmium	1	0.61		mg/Kg-dry	10	7/12/2012
Chromium	20	1.2		mg/Kg-dry	10	7/12/2012
Lead	71	0.61		mg/Kg-dry	10	7/12/2012
Selenium	ND	1.2		mg/Kg-dry	10	7/12/2012
Silver	ND	1.2		mg/Kg-dry	10	7/12/2012
TCLP Metals by ICP/MS		**SW1311/6020 (SW3005A)**		Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	0.041	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	0.047	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **7/15/2012**		Analyst: **DM**

Qualifiers:
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HT - Sample received past holding time
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-002

Client Sample ID: GP-17 (2-4)
Collection Date: 7/11/2012 9:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	0.67	0.04		mg/Kg-dry	1	7/16/2012
Acenaphthylene	1.6	0.04		mg/Kg-dry	1	7/16/2012
Anthracene	1.9	0.04		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	3.9	0.04		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	3.9	0.04		mg/Kg-dry	1	7/16/2012
Benzo(b)fluoranthene	3.7	0.04		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	3.6	0.04		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	2.7	0.04		mg/Kg-dry	1	7/16/2012
Chrysene	4.5	0.04		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	1.2	0.04		mg/Kg-dry	1	7/16/2012
Fluoranthene	13	0.2		mg/Kg-dry	5	7/16/2012
Fluorene	0.72	0.04		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	2.4	0.04		mg/Kg-dry	1	7/16/2012
Naphthalene	0.55	0.04		mg/Kg-dry	1	7/16/2012
Phenanthrene	9	0.2		mg/Kg-dry	5	7/16/2012
Pyrene	9.8	0.2		mg/Kg-dry	5	7/16/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	6.9			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	17.8	0.2	*	wt%	1	7/13/2012

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HT - Sample received past holding time
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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-003

Client Sample ID: GP-16 (2-4)
Collection Date: 7/11/2012 9:46:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/13/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.088		mg/Kg-dry	1	7/15/2012
Aroclor 1221	ND	0.088		mg/Kg-dry	1	7/15/2012
Aroclor 1232	ND	0.088		mg/Kg-dry	1	7/15/2012
Aroclor 1242	ND	0.088		mg/Kg-dry	1	7/15/2012
Aroclor 1248	ND	0.088		mg/Kg-dry	1	7/15/2012
Aroclor 1254	ND	0.088		mg/Kg-dry	1	7/15/2012
Aroclor 1260	ND	0.088		mg/Kg-dry	1	7/15/2012
TCLP Mercury	**SW1311/7470A**			Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury	**SW7471A**			Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	0.022	0.018		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/12/2012**		Analyst: **JG**
Arsenic	12	1.1		mg/Kg-dry	10	7/12/2012
Barium	28	1.1		mg/Kg-dry	10	7/12/2012
Cadmium	ND	0.54		mg/Kg-dry	10	7/12/2012
Chromium	11	1.1		mg/Kg-dry	10	7/12/2012
Lead	24	0.54		mg/Kg-dry	10	7/12/2012
Selenium	ND	1.1		mg/Kg-dry	10	7/12/2012
Silver	ND	1.1		mg/Kg-dry	10	7/12/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	ND	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	ND	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	ND	0.036		mg/Kg-dry	1	7/16/2012
Acenaphthylene	ND	0.036		mg/Kg-dry	1	7/16/2012
Anthracene	ND	0.036		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	0.096	0.036		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	0.078	0.036		mg/Kg-dry	1	7/16/2012
Benzo(b)fluoranthene	0.074	0.036		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	0.065	0.036		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	ND	0.036		mg/Kg-dry	1	7/16/2012

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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-003

Client Sample ID: GP-16 (2-4)
Collection Date: 7/11/2012 9:46:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Chrysene	0.13	0.036		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	ND	0.036		mg/Kg-dry	1	7/16/2012
Fluoranthene	0.2	0.036		mg/Kg-dry	1	7/16/2012
Fluorene	ND	0.036		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	ND	0.036		mg/Kg-dry	1	7/16/2012
Naphthalene	0.048	0.036		mg/Kg-dry	1	7/16/2012
Phenanthrene	0.22	0.036		mg/Kg-dry	1	7/16/2012
Pyrene	0.18	0.036		mg/Kg-dry	1	7/16/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	7.3			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	9.4	0.2	*	wt%	1	7/13/2012

Qualifiers:
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B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-004

Client Sample ID: GP-15 (6-8)
Collection Date: 7/11/2012 10:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/13/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.093		mg/Kg-dry	1	7/16/2012
Aroclor 1221	ND	0.093		mg/Kg-dry	1	7/16/2012
Aroclor 1232	ND	0.093		mg/Kg-dry	1	7/16/2012
Aroclor 1242	ND	0.093		mg/Kg-dry	1	7/16/2012
Aroclor 1248	ND	0.093		mg/Kg-dry	1	7/16/2012
Aroclor 1254	ND	0.093		mg/Kg-dry	1	7/16/2012
Aroclor 1260	ND	0.093		mg/Kg-dry	1	7/16/2012
TCLP Mercury	**SW1311/7470A**			Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury	**SW7471A**			Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	0.024	0.023		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/12/2012**		Analyst: **JG**
Arsenic	1.9	1.2		mg/Kg-dry	10	7/12/2012
Barium	50	1.2		mg/Kg-dry	10	7/12/2012
Cadmium	ND	0.59		mg/Kg-dry	10	7/12/2012
Chromium	16	1.2		mg/Kg-dry	10	7/12/2012
Lead	21	0.59		mg/Kg-dry	10	7/12/2012
Selenium	ND	1.2		mg/Kg-dry	10	7/12/2012
Silver	ND	1.2		mg/Kg-dry	10	7/12/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	ND	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	0.0076	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Acenaphthylene	ND	0.039		mg/Kg-dry	1	7/16/2012
Anthracene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	7/16/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-004

Client Sample ID: GP-15 (6-8)
Collection Date: 7/11/2012 10:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Chrysene	ND	0.039		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	7/16/2012
Fluoranthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Fluorene	ND	0.039		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	7/16/2012
Naphthalene	ND	0.039		mg/Kg-dry	1	7/16/2012
Phenanthrene	ND	0.039		mg/Kg-dry	1	7/16/2012
Pyrene	ND	0.039		mg/Kg-dry	1	7/16/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	8.0			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	15.9	0.2	*	wt%	1	7/13/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-005

Client Sample ID: GP-19 (6-8)
Collection Date: 7/11/2012 10:35:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/13/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.094		mg/Kg-dry	1	7/16/2012
Aroclor 1221	ND	0.094		mg/Kg-dry	1	7/16/2012
Aroclor 1232	ND	0.094		mg/Kg-dry	1	7/16/2012
Aroclor 1242	ND	0.094		mg/Kg-dry	1	7/16/2012
Aroclor 1248	ND	0.094		mg/Kg-dry	1	7/16/2012
Aroclor 1254	ND	0.094		mg/Kg-dry	1	7/16/2012
Aroclor 1260	ND	0.094		mg/Kg-dry	1	7/16/2012
TCLP Mercury	**SW1311/7470A**			Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury	**SW7471A**			Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	0.032	0.021		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/12/2012**		Analyst: **JG**
Arsenic	2	1.3		mg/Kg-dry	10	7/12/2012
Barium	29	1.3		mg/Kg-dry	10	7/12/2012
Cadmium	ND	0.66		mg/Kg-dry	10	7/12/2012
Chromium	14	1.3		mg/Kg-dry	10	7/12/2012
Lead	21	0.66		mg/Kg-dry	10	7/12/2012
Selenium	ND	1.3		mg/Kg-dry	10	7/12/2012
Silver	ND	1.3		mg/Kg-dry	10	7/12/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	ND	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	0.0055	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	ND	0.04		mg/Kg-dry	1	7/16/2012
Acenaphthylene	ND	0.04		mg/Kg-dry	1	7/16/2012
Anthracene	ND	0.04		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	ND	0.04		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	ND	0.04		mg/Kg-dry	1	7/16/2012
Benzo(b)fluoranthene	ND	0.04		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	ND	0.04		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	ND	0.04		mg/Kg-dry	1	7/16/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-005

Client Sample ID: GP-19 (6-8)
Collection Date: 7/11/2012 10:35:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Chrysene	ND	0.04		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	ND	0.04		mg/Kg-dry	1	7/16/2012
Fluoranthene	ND	0.04		mg/Kg-dry	1	7/16/2012
Fluorene	ND	0.04		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	ND	0.04		mg/Kg-dry	1	7/16/2012
Naphthalene	ND	0.04		mg/Kg-dry	1	7/16/2012
Phenanthrene	ND	0.04		mg/Kg-dry	1	7/16/2012
Pyrene	ND	0.04		mg/Kg-dry	1	7/16/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	7.4			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	7.0	0.2	*	wt%	1	7/13/2012

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-006

Client Sample ID: GP-21 (3-5)
Collection Date: 7/11/2012 11:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/13/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.096		mg/Kg-dry	1	7/16/2012
Aroclor 1221	ND	0.096		mg/Kg-dry	1	7/16/2012
Aroclor 1232	ND	0.096		mg/Kg-dry	1	7/16/2012
Aroclor 1242	ND	0.096		mg/Kg-dry	1	7/16/2012
Aroclor 1248	ND	0.096		mg/Kg-dry	1	7/16/2012
Aroclor 1254	ND	0.096		mg/Kg-dry	1	7/16/2012
Aroclor 1260	ND	0.096		mg/Kg-dry	1	7/16/2012
TCLP Mercury	**SW1311/7470A**			Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury	**SW7471A**			Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	0.026	0.023		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/12/2012**		Analyst: **JG**
Arsenic	4	1.1		mg/Kg-dry	10	7/12/2012
Barium	71	1.1		mg/Kg-dry	10	7/12/2012
Cadmium	0.54	0.54		mg/Kg-dry	10	7/12/2012
Chromium	20	1.1		mg/Kg-dry	10	7/12/2012
Lead	30	0.54		mg/Kg-dry	10	7/12/2012
Selenium	ND	1.1		mg/Kg-dry	10	7/12/2012
Silver	ND	1.1		mg/Kg-dry	10	7/12/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	ND	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	0.0052	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Acenaphthylene	ND	0.039		mg/Kg-dry	1	7/16/2012
Anthracene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	7/16/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-006

Client Sample ID: GP-21 (3-5)
Collection Date: 7/11/2012 11:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Chrysene	ND	0.039		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	7/16/2012
Fluoranthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Fluorene	ND	0.039		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	7/16/2012
Naphthalene	ND	0.039		mg/Kg-dry	1	7/16/2012
Phenanthrene	ND	0.039		mg/Kg-dry	1	7/16/2012
Pyrene	ND	0.039		mg/Kg-dry	1	7/16/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	8.0			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	16.7	0.2	*	wt%	1	7/13/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
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E - Value above quantitation range
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Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-007

Client Sample ID: GP-22 (10-12)
Collection Date: 7/11/2012 11:25:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		**SW8082 (SW3550B)**		Prep Date: **7/12/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.091		mg/Kg-dry	1	7/12/2012
Aroclor 1221	ND	0.091		mg/Kg-dry	1	7/12/2012
Aroclor 1232	ND	0.091		mg/Kg-dry	1	7/12/2012
Aroclor 1242	ND	0.091		mg/Kg-dry	1	7/12/2012
Aroclor 1248	ND	0.091		mg/Kg-dry	1	7/12/2012
Aroclor 1254	ND	0.091		mg/Kg-dry	1	7/12/2012
Aroclor 1260	ND	0.091		mg/Kg-dry	1	7/12/2012
Pesticides		**SW8081 (SW3550B)**		Prep Date: **7/12/2012**		Analyst: **GVC**
4,4'-DDD	ND	0.0018		mg/Kg-dry	1	7/12/2012
4,4'-DDE	ND	0.0018		mg/Kg-dry	1	7/12/2012
4,4'-DDT	ND	0.0018		mg/Kg-dry	1	7/12/2012
Aldrin	ND	0.0018		mg/Kg-dry	1	7/12/2012
alpha-BHC	ND	0.0018		mg/Kg-dry	1	7/12/2012
alpha-Chlordane	ND	0.0018		mg/Kg-dry	1	7/12/2012
beta-BHC	ND	0.0018		mg/Kg-dry	1	7/12/2012
Chlordane	ND	0.037		mg/Kg-dry	1	7/12/2012
delta-BHC	ND	0.0018		mg/Kg-dry	1	7/12/2012
Dieldrin	ND	0.0018		mg/Kg-dry	1	7/12/2012
Endosulfan I	ND	0.0018		mg/Kg-dry	1	7/12/2012
Endosulfan II	ND	0.0018		mg/Kg-dry	1	7/12/2012
Endosulfan sulfate	ND	0.0018		mg/Kg-dry	1	7/12/2012
Endrin	ND	0.0018		mg/Kg-dry	1	7/12/2012
Endrin aldehyde	ND	0.0018		mg/Kg-dry	1	7/12/2012
Endrin ketone	ND	0.0018		mg/Kg-dry	1	7/12/2012
gamma-BHC	ND	0.0018		mg/Kg-dry	1	7/12/2012
gamma-Chlordane	ND	0.0018		mg/Kg-dry	1	7/12/2012
Heptachlor	ND	0.0018		mg/Kg-dry	1	7/12/2012
Heptachlor epoxide	ND	0.0018		mg/Kg-dry	1	7/12/2012
Methoxychlor	ND	0.0018		mg/Kg-dry	1	7/12/2012
Toxaphene	ND	0.037		mg/Kg-dry	1	7/12/2012
TCLP Mercury		**SW1311/7470A**		Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury		**SW7471A**		Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	0.027	0.022		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **7/12/2012**		Analyst: **JG**
Aluminum	5000	230		mg/Kg-dry	100	7/12/2012

Qualifiers:
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HT - Sample received past holding time
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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-007

Client Sample ID: GP-22 (10-12)
Collection Date: 7/11/2012 11:25:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/12/2012**		Analyst: **JG**
Antimony	ND	2.4		mg/Kg-dry	10	7/12/2012
Arsenic	17	1.1		mg/Kg-dry	10	7/12/2012
Barium	21	1.1		mg/Kg-dry	10	7/12/2012
Beryllium	ND	0.59		mg/Kg-dry	10	7/12/2012
Cadmium	ND	0.59		mg/Kg-dry	10	7/12/2012
Calcium	87000	700		mg/Kg-dry	100	7/12/2012
Chromium	8.8	1.2		mg/Kg-dry	10	7/13/2012
Cobalt	12	1.2		mg/Kg-dry	10	7/13/2012
Copper	37	2.9		mg/Kg-dry	10	7/13/2012
Iron	28000	350		mg/Kg-dry	100	7/12/2012
Lead	24	0.59		mg/Kg-dry	10	7/12/2012
Magnesium	48000	350		mg/Kg-dry	100	7/12/2012
Manganese	600	1.2		mg/Kg-dry	10	7/13/2012
Nickel	29	1.2		mg/Kg-dry	10	7/13/2012
Potassium	1100	35		mg/Kg-dry	10	7/13/2012
Selenium	ND	1.1		mg/Kg-dry	10	7/12/2012
Silver	ND	1.1		mg/Kg-dry	10	7/12/2012
Sodium	ND	700		mg/Kg-dry	100	7/12/2012
Thallium	1.4	1.1		mg/Kg-dry	10	7/12/2012
Vanadium	12	1.2		mg/Kg-dry	10	7/13/2012
Zinc	51	5.9		mg/Kg-dry	10	7/13/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	ND	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	0.0058	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	ND	0.037		mg/Kg-dry	1	7/16/2012
Acenaphthylene	ND	0.037		mg/Kg-dry	1	7/16/2012
Aniline	ND	0.38		mg/Kg-dry	1	7/16/2012
Anthracene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benzidine	ND	0.37		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	7/16/2012

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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-007

Client Sample ID: GP-22 (10-12)
Collection Date: 7/11/2012 11:25:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benzoic acid	ND	0.94		mg/Kg-dry	1	7/16/2012
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	7/16/2012
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	7/16/2012
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	7/16/2012
Bis(2-ethylhexyl)phthalate	ND	0.94		mg/Kg-dry	1	7/16/2012
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	7/16/2012
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	7/16/2012
Carbazole	ND	0.19		mg/Kg-dry	1	7/16/2012
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	7/16/2012
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	7/16/2012
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	7/16/2012
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	7/16/2012
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	7/16/2012
Chrysene	ND	0.037		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	7/16/2012
Dibenzofuran	ND	0.19		mg/Kg-dry	1	7/16/2012
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	7/16/2012
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	7/16/2012
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	7/16/2012
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	7/16/2012
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	7/16/2012
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	7/16/2012
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	7/16/2012
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	7/16/2012
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	7/16/2012
2,4-Dinitrophenol	ND	0.94		mg/Kg-dry	1	7/16/2012
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	7/16/2012
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	7/16/2012
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	7/16/2012
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	7/16/2012
Fluoranthene	ND	0.037		mg/Kg-dry	1	7/16/2012
Fluorene	ND	0.037		mg/Kg-dry	1	7/16/2012
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	7/16/2012
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	7/16/2012
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	7/16/2012

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Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-007

Client Sample ID: GP-22 (10-12)
Collection Date: 7/11/2012 11:25:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Hexachloroethane	ND	0.19		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	7/16/2012
Isophorone	ND	0.19		mg/Kg-dry	1	7/16/2012
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	7/16/2012
2-Methylphenol	ND	0.19		mg/Kg-dry	1	7/16/2012
4-Methylphenol	ND	0.19		mg/Kg-dry	1	7/16/2012
Naphthalene	0.039	0.037		mg/Kg-dry	1	7/16/2012
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	7/16/2012
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	7/16/2012
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	7/16/2012
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	7/16/2012
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	7/16/2012
Nitrobenzene	ND	0.037		mg/Kg-dry	1	7/16/2012
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	7/16/2012
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	7/16/2012
N-Nitrosodiphenylamine	ND	0.037		mg/Kg-dry	1	7/16/2012
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	7/16/2012
Pentachlorophenol	ND	0.037		mg/Kg-dry	1	7/16/2012
Phenanthrene	0.042	0.037		mg/Kg-dry	1	7/16/2012
Phenol	ND	0.19		mg/Kg-dry	1	7/16/2012
Pyrene	ND	0.037		mg/Kg-dry	1	7/16/2012
Pyridine	ND	0.76		mg/Kg-dry	1	7/16/2012
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	7/16/2012
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	7/16/2012
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	7/16/2012
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/12/2012**		Analyst: **PS**
Acetone	ND	0.083		mg/Kg-dry	1	7/16/2012
Benzene	ND	0.0055		mg/Kg-dry	1	7/16/2012
Bromodichloromethane	ND	0.0055		mg/Kg-dry	1	7/16/2012
Bromoform	ND	0.0055		mg/Kg-dry	1	7/16/2012
Bromomethane	ND	0.011		mg/Kg-dry	1	7/16/2012
2-Butanone	ND	0.083		mg/Kg-dry	1	7/16/2012
Carbon disulfide	ND	0.055		mg/Kg-dry	1	7/16/2012
Carbon tetrachloride	ND	0.0055		mg/Kg-dry	1	7/16/2012
Chlorobenzene	ND	0.0055		mg/Kg-dry	1	7/16/2012
Chloroethane	ND	0.011		mg/Kg-dry	1	7/16/2012
Chloroform	ND	0.0055		mg/Kg-dry	1	7/16/2012
Chloromethane	ND	0.011		mg/Kg-dry	1	7/16/2012

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Lab ID: 12070488-007

Client Sample ID: GP-22 (10-12)
Collection Date: 7/11/2012 11:25:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/12/2012**		Analyst: **PS**
Dibromochloromethane	ND	0.0055		mg/Kg-dry	1	7/16/2012
1,1-Dichloroethane	ND	0.0055		mg/Kg-dry	1	7/16/2012
1,2-Dichloroethane	ND	0.0055		mg/Kg-dry	1	7/16/2012
1,1-Dichloroethene	ND	0.0055		mg/Kg-dry	1	7/16/2012
cis-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	7/16/2012
trans-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	7/16/2012
1,2-Dichloropropane	ND	0.0055		mg/Kg-dry	1	7/16/2012
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	7/16/2012
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	7/16/2012
Ethylbenzene	ND	0.0055		mg/Kg-dry	1	7/16/2012
2-Hexanone	ND	0.022		mg/Kg-dry	1	7/16/2012
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	7/16/2012
Methylene chloride	ND	0.011		mg/Kg-dry	1	7/16/2012
Methyl tert-butyl ether	ND	0.0055		mg/Kg-dry	1	7/16/2012
Styrene	ND	0.0055		mg/Kg-dry	1	7/16/2012
1,1,2,2-Tetrachloroethane	ND	0.0055		mg/Kg-dry	1	7/16/2012
Tetrachloroethene	ND	0.0055		mg/Kg-dry	1	7/16/2012
Toluene	ND	0.0055		mg/Kg-dry	1	7/16/2012
1,1,1-Trichloroethane	ND	0.0055		mg/Kg-dry	1	7/16/2012
1,1,2-Trichloroethane	ND	0.0055		mg/Kg-dry	1	7/16/2012
Trichloroethene	ND	0.0055		mg/Kg-dry	1	7/16/2012
Vinyl chloride	ND	0.0055		mg/Kg-dry	1	7/16/2012
Xylenes, Total	ND	0.017		mg/Kg-dry	1	7/16/2012
Cyanide, Total	**SW9012A**			Prep Date: **7/12/2012**		Analyst: **MDDT**
Cyanide	ND	0.28		mg/Kg-dry	1	7/13/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	8.4			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	12.0	0.2	*	wt%	1	7/13/2012

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Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-008

Client Sample ID: GP-24 (8-10)
Collection Date: 7/11/2012 11:51:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/13/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.092		mg/Kg-dry	1	7/16/2012
Aroclor 1221	ND	0.092		mg/Kg-dry	1	7/16/2012
Aroclor 1232	ND	0.092		mg/Kg-dry	1	7/16/2012
Aroclor 1242	ND	0.092		mg/Kg-dry	1	7/16/2012
Aroclor 1248	ND	0.092		mg/Kg-dry	1	7/16/2012
Aroclor 1254	ND	0.092		mg/Kg-dry	1	7/16/2012
Aroclor 1260	ND	0.092		mg/Kg-dry	1	7/16/2012
TCLP Mercury	**SW1311/7470A**			Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury	**SW7471A**			Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	ND	0.022		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/12/2012**		Analyst: **JG**
Arsenic	8.3	1		mg/Kg-dry	10	7/12/2012
Barium	24	1		mg/Kg-dry	10	7/12/2012
Cadmium	ND	0.51		mg/Kg-dry	10	7/12/2012
Chromium	19	1		mg/Kg-dry	10	7/12/2012
Lead	17	0.51		mg/Kg-dry	10	7/12/2012
Selenium	ND	1		mg/Kg-dry	10	7/12/2012
Silver	ND	1		mg/Kg-dry	10	7/12/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	ND	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	ND	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	ND	0.038		mg/Kg-dry	1	7/16/2012
Acenaphthylene	ND	0.038		mg/Kg-dry	1	7/16/2012
Anthracene	ND	0.038		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	7/16/2012
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	7/16/2012

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Lab ID: 12070488-008

Client Sample ID: GP-24 (8-10)
Collection Date: 7/11/2012 11:51:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Chrysene	ND	0.038		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	7/16/2012
Fluoranthene	ND	0.038		mg/Kg-dry	1	7/16/2012
Fluorene	ND	0.038		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	7/16/2012
Naphthalene	ND	0.038		mg/Kg-dry	1	7/16/2012
Phenanthrene	0.048	0.038		mg/Kg-dry	1	7/16/2012
Pyrene	ND	0.038		mg/Kg-dry	1	7/16/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	8.2			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	14.1	0.2	*	wt%	1	7/13/2012

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Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-009

Client Sample ID: GP-23 (5-7)
Collection Date: 7/11/2012 12:50:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		**SW8082 (SW3550B)**		Prep Date: **7/12/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.093		mg/Kg-dry	1	7/12/2012
Aroclor 1221	ND	0.093		mg/Kg-dry	1	7/12/2012
Aroclor 1232	ND	0.093		mg/Kg-dry	1	7/12/2012
Aroclor 1242	ND	0.093		mg/Kg-dry	1	7/12/2012
Aroclor 1248	ND	0.093		mg/Kg-dry	1	7/12/2012
Aroclor 1254	ND	0.093		mg/Kg-dry	1	7/12/2012
Aroclor 1260	ND	0.093		mg/Kg-dry	1	7/12/2012
Pesticides		**SW8081 (SW3550B)**		Prep Date: **7/12/2012**		Analyst: **GVC**
4,4'-DDD	ND	0.0019		mg/Kg-dry	1	7/12/2012
4,4'-DDE	ND	0.0019		mg/Kg-dry	1	7/12/2012
4,4'-DDT	ND	0.0019		mg/Kg-dry	1	7/12/2012
Aldrin	ND	0.0019		mg/Kg-dry	1	7/12/2012
alpha-BHC	ND	0.0019		mg/Kg-dry	1	7/12/2012
alpha-Chlordane	ND	0.0019		mg/Kg-dry	1	7/12/2012
beta-BHC	ND	0.0019		mg/Kg-dry	1	7/12/2012
Chlordane	ND	0.039		mg/Kg-dry	1	7/12/2012
delta-BHC	ND	0.0019		mg/Kg-dry	1	7/12/2012
Dieldrin	ND	0.0019		mg/Kg-dry	1	7/12/2012
Endosulfan I	ND	0.0019		mg/Kg-dry	1	7/12/2012
Endosulfan II	ND	0.0019		mg/Kg-dry	1	7/12/2012
Endosulfan sulfate	ND	0.0019		mg/Kg-dry	1	7/12/2012
Endrin	ND	0.0019		mg/Kg-dry	1	7/12/2012
Endrin aldehyde	ND	0.0019		mg/Kg-dry	1	7/12/2012
Endrin ketone	ND	0.0019		mg/Kg-dry	1	7/12/2012
gamma-BHC	ND	0.0019		mg/Kg-dry	1	7/12/2012
gamma-Chlordane	ND	0.0019		mg/Kg-dry	1	7/12/2012
Heptachlor	ND	0.0019		mg/Kg-dry	1	7/12/2012
Heptachlor epoxide	ND	0.0019		mg/Kg-dry	1	7/12/2012
Methoxychlor	ND	0.0019		mg/Kg-dry	1	7/12/2012
Toxaphene	ND	0.039		mg/Kg-dry	1	7/12/2012
TCLP Mercury		**SW1311/7470A**		Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury		**SW7471A**		Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	0.022	0.022		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **7/12/2012**		Analyst: **JG**
Aluminum	12000	210		mg/Kg-dry	100	7/12/2012

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-009

Client Sample ID: GP-23 (5-7)
Collection Date: 7/11/2012 12:50:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/12/2012**		Analyst: **JG**
Antimony	ND	2.1		mg/Kg-dry	10	7/12/2012
Arsenic	11	1.1		mg/Kg-dry	10	7/12/2012
Barium	70	1.1		mg/Kg-dry	10	7/12/2012
Beryllium	ND	0.53		mg/Kg-dry	10	7/12/2012
Cadmium	ND	0.53		mg/Kg-dry	10	7/12/2012
Calcium	66000	630		mg/Kg-dry	100	7/12/2012
Chromium	19	1.1		mg/Kg-dry	10	7/13/2012
Cobalt	12	1.1		mg/Kg-dry	10	7/13/2012
Copper	23	2.6		mg/Kg-dry	10	7/13/2012
Iron	35000	320		mg/Kg-dry	100	7/12/2012
Lead	15	0.53		mg/Kg-dry	10	7/12/2012
Magnesium	31000	320		mg/Kg-dry	100	7/12/2012
Manganese	380	1.1		mg/Kg-dry	10	7/13/2012
Nickel	37	1.1		mg/Kg-dry	10	7/13/2012
Potassium	2100	32		mg/Kg-dry	10	7/13/2012
Selenium	ND	1.1		mg/Kg-dry	10	7/12/2012
Silver	ND	1.1		mg/Kg-dry	10	7/12/2012
Sodium	ND	630		mg/Kg-dry	100	7/12/2012
Thallium	ND	1.1		mg/Kg-dry	10	7/12/2012
Vanadium	19	1.1		mg/Kg-dry	10	7/13/2012
Zinc	52	5.3		mg/Kg-dry	10	7/13/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	ND	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	ND	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Acenaphthylene	ND	0.039		mg/Kg-dry	1	7/16/2012
Aniline	ND	0.39		mg/Kg-dry	1	7/16/2012
Anthracene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzidine	ND	0.39		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	7/16/2012

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Lab ID: 12070488-009

Client Sample ID: GP-23 (5-7)
Collection Date: 7/11/2012 12:50:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzoic acid	ND	0.97		mg/Kg-dry	1	7/16/2012
Benzyl alcohol	ND	0.2		mg/Kg-dry	1	7/16/2012
Bis(2-chloroethoxy)methane	ND	0.2		mg/Kg-dry	1	7/16/2012
Bis(2-chloroethyl)ether	ND	0.2		mg/Kg-dry	1	7/16/2012
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	7/16/2012
4-Bromophenyl phenyl ether	ND	0.2		mg/Kg-dry	1	7/16/2012
Butyl benzyl phthalate	ND	0.2		mg/Kg-dry	1	7/16/2012
Carbazole	ND	0.2		mg/Kg-dry	1	7/16/2012
4-Chloroaniline	ND	0.2		mg/Kg-dry	1	7/16/2012
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	7/16/2012
2-Chloronaphthalene	ND	0.2		mg/Kg-dry	1	7/16/2012
2-Chlorophenol	ND	0.2		mg/Kg-dry	1	7/16/2012
4-Chlorophenyl phenyl ether	ND	0.2		mg/Kg-dry	1	7/16/2012
Chrysene	ND	0.039		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	7/16/2012
Dibenzofuran	ND	0.2		mg/Kg-dry	1	7/16/2012
1,2-Dichlorobenzene	ND	0.2		mg/Kg-dry	1	7/16/2012
1,3-Dichlorobenzene	ND	0.2		mg/Kg-dry	1	7/16/2012
1,4-Dichlorobenzene	ND	0.2		mg/Kg-dry	1	7/16/2012
3,3'-Dichlorobenzidine	ND	0.2		mg/Kg-dry	1	7/16/2012
2,4-Dichlorophenol	ND	0.2		mg/Kg-dry	1	7/16/2012
Diethyl phthalate	ND	0.2		mg/Kg-dry	1	7/16/2012
2,4-Dimethylphenol	ND	0.2		mg/Kg-dry	1	7/16/2012
Dimethyl phthalate	ND	0.2		mg/Kg-dry	1	7/16/2012
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	7/16/2012
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	7/16/2012
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	7/16/2012
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	7/16/2012
Di-n-butyl phthalate	ND	0.2		mg/Kg-dry	1	7/16/2012
Di-n-octyl phthalate	ND	0.2		mg/Kg-dry	1	7/16/2012
Fluoranthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Fluorene	ND	0.039		mg/Kg-dry	1	7/16/2012
Hexachlorobenzene	ND	0.2		mg/Kg-dry	1	7/16/2012
Hexachlorobutadiene	ND	0.2		mg/Kg-dry	1	7/16/2012
Hexachlorocyclopentadiene	ND	0.2		mg/Kg-dry	1	7/16/2012

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Lab ID: 12070488-009

Client Sample ID: GP-23 (5-7)
Collection Date: 7/11/2012 12:50:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Hexachloroethane	ND	0.2		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	7/16/2012
Isophorone	ND	0.2		mg/Kg-dry	1	7/16/2012
2-Methylnaphthalene	ND	0.2		mg/Kg-dry	1	7/16/2012
2-Methylphenol	ND	0.2		mg/Kg-dry	1	7/16/2012
4-Methylphenol	ND	0.2		mg/Kg-dry	1	7/16/2012
Naphthalene	ND	0.039		mg/Kg-dry	1	7/16/2012
2-Nitroaniline	ND	0.2		mg/Kg-dry	1	7/16/2012
3-Nitroaniline	ND	0.2		mg/Kg-dry	1	7/16/2012
4-Nitroaniline	ND	0.2		mg/Kg-dry	1	7/16/2012
2-Nitrophenol	ND	0.2		mg/Kg-dry	1	7/16/2012
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	7/16/2012
Nitrobenzene	ND	0.039		mg/Kg-dry	1	7/16/2012
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	7/16/2012
N-Nitrosodimethylamine	ND	0.2		mg/Kg-dry	1	7/16/2012
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	7/16/2012
2, 2'-oxybis(1-Chloropropane)	ND	0.2		mg/Kg-dry	1	7/16/2012
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	7/16/2012
Phenanthrene	ND	0.039		mg/Kg-dry	1	7/16/2012
Phenol	ND	0.2		mg/Kg-dry	1	7/16/2012
Pyrene	ND	0.039		mg/Kg-dry	1	7/16/2012
Pyridine	ND	0.78		mg/Kg-dry	1	7/16/2012
1,2,4-Trichlorobenzene	ND	0.2		mg/Kg-dry	1	7/16/2012
2,4,5-Trichlorophenol	ND	0.2		mg/Kg-dry	1	7/16/2012
2,4,6-Trichlorophenol	ND	0.2		mg/Kg-dry	1	7/16/2012
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/12/2012**		Analyst: **PS**
Acetone	ND	0.069		mg/Kg-dry	1	7/16/2012
Benzene	ND	0.0046		mg/Kg-dry	1	7/16/2012
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	7/16/2012
Bromoform	ND	0.0046		mg/Kg-dry	1	7/16/2012
Bromomethane	ND	0.0092		mg/Kg-dry	1	7/16/2012
2-Butanone	ND	0.069		mg/Kg-dry	1	7/16/2012
Carbon disulfide	ND	0.046		mg/Kg-dry	1	7/16/2012
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	7/16/2012
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	7/16/2012
Chloroethane	ND	0.0092		mg/Kg-dry	1	7/16/2012
Chloroform	ND	0.0046		mg/Kg-dry	1	7/16/2012
Chloromethane	ND	0.0092		mg/Kg-dry	1	7/16/2012

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Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/12/2012**		Analyst: **PS**
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	7/16/2012
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	7/16/2012
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	7/16/2012
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	7/16/2012
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	7/16/2012
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	7/16/2012
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	7/16/2012
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	7/16/2012
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	7/16/2012
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	7/16/2012
2-Hexanone	ND	0.018		mg/Kg-dry	1	7/16/2012
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	7/16/2012
Methylene chloride	ND	0.0092		mg/Kg-dry	1	7/16/2012
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	7/16/2012
Styrene	ND	0.0046		mg/Kg-dry	1	7/16/2012
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	7/16/2012
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	7/16/2012
Toluene	ND	0.0046		mg/Kg-dry	1	7/16/2012
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	7/16/2012
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	7/16/2012
Trichloroethene	ND	0.0046		mg/Kg-dry	1	7/16/2012
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	7/16/2012
Xylenes, Total	ND	0.014		mg/Kg-dry	1	7/16/2012
Cyanide, Total	**SW9012A**			Prep Date: **7/12/2012**		Analyst: **MDDT**
Cyanide	ND	0.29		mg/Kg-dry	1	7/13/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	8.1			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	14.6	0.2	*	wt%	1	7/13/2012

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Lab Order: 12070488
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Lab ID: 12070488-010

Client Sample ID: GP-25 (2-4)
Collection Date: 7/11/2012 1:15:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		**SW8082 (SW3550B)**		Prep Date: **7/13/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.089		mg/Kg-dry	1	7/16/2012
Aroclor 1221	ND	0.089		mg/Kg-dry	1	7/16/2012
Aroclor 1232	ND	0.089		mg/Kg-dry	1	7/16/2012
Aroclor 1242	ND	0.089		mg/Kg-dry	1	7/16/2012
Aroclor 1248	ND	0.089		mg/Kg-dry	1	7/16/2012
Aroclor 1254	ND	0.089		mg/Kg-dry	1	7/16/2012
Aroclor 1260	ND	0.089		mg/Kg-dry	1	7/16/2012
TCLP Mercury		**SW1311/7470A**		Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury		**SW7471A**		Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	0.02	0.02		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **7/12/2012**		Analyst: **JG**
Arsenic	16	1.1		mg/Kg-dry	10	7/12/2012
Barium	15	1.1		mg/Kg-dry	10	7/12/2012
Cadmium	ND	0.54		mg/Kg-dry	10	7/12/2012
Chromium	7.8	1.1		mg/Kg-dry	10	7/12/2012
Lead	24	0.54		mg/Kg-dry	10	7/12/2012
Selenium	ND	1.1		mg/Kg-dry	10	7/12/2012
Silver	ND	1.1		mg/Kg-dry	10	7/12/2012
TCLP Metals by ICP/MS		**SW1311/6020 (SW3005A)**		Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	ND	0.5		mg/L	5	7/13/2012
Cadmium	ND	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	0.0051	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	ND	0.037		mg/Kg-dry	1	7/16/2012
Acenaphthylene	ND	0.037		mg/Kg-dry	1	7/16/2012
Anthracene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	7/16/2012

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Client Sample ID: GP-25 (2-4)
Collection Date: 7/11/2012 1:15:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Chrysene	ND	0.037		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	7/16/2012
Fluoranthene	ND	0.037		mg/Kg-dry	1	7/16/2012
Fluorene	ND	0.037		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	7/16/2012
Naphthalene	0.051	0.037		mg/Kg-dry	1	7/16/2012
Phenanthrene	0.096	0.037		mg/Kg-dry	1	7/16/2012
Pyrene	ND	0.037		mg/Kg-dry	1	7/16/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	8.3			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	10.7	0.2	*	wt%	1	7/13/2012

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Lab ID: 12070488-011

Client Sample ID: GP-26 (6-8)
Collection Date: 7/11/2012 1:35:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/13/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.1		mg/Kg-dry	1	7/16/2012
Aroclor 1221	ND	0.1		mg/Kg-dry	1	7/16/2012
Aroclor 1232	ND	0.1		mg/Kg-dry	1	7/16/2012
Aroclor 1242	ND	0.1		mg/Kg-dry	1	7/16/2012
Aroclor 1248	ND	0.1		mg/Kg-dry	1	7/16/2012
Aroclor 1254	ND	0.1		mg/Kg-dry	1	7/16/2012
Aroclor 1260	ND	0.1		mg/Kg-dry	1	7/16/2012
TCLP Mercury	**SW1311/7470A**			Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury	**SW7471A**			Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	ND	0.02		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/12/2012**		Analyst: **JG**
Arsenic	12	1.2		mg/Kg-dry	10	7/12/2012
Barium	17	1.2		mg/Kg-dry	10	7/12/2012
Cadmium	ND	0.59		mg/Kg-dry	10	7/12/2012
Chromium	6.6	1.2		mg/Kg-dry	10	7/12/2012
Lead	18	0.59		mg/Kg-dry	10	7/12/2012
Selenium	ND	1.2		mg/Kg-dry	10	7/12/2012
Silver	ND	1.2		mg/Kg-dry	10	7/12/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/13/2012
Barium	0.74	0.5		mg/L	5	7/13/2012
Cadmium	ND	0.005		mg/L	5	7/13/2012
Chromium	ND	0.01		mg/L	5	7/13/2012
Lead	0.0086	0.005		mg/L	5	7/13/2012
Selenium	ND	0.01		mg/L	5	7/13/2012
Silver	ND	0.01		mg/L	5	7/13/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	ND	0.041		mg/Kg-dry	1	7/16/2012
Acenaphthylene	ND	0.041		mg/Kg-dry	1	7/16/2012
Anthracene	ND	0.041		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	7/16/2012
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	7/16/2012

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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-011

Client Sample ID: GP-26 (6-8)
Collection Date: 7/11/2012 1:35:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Chrysene	ND	0.041		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	7/16/2012
Fluoranthene	ND	0.041		mg/Kg-dry	1	7/16/2012
Fluorene	ND	0.041		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	7/16/2012
Naphthalene	ND	0.041		mg/Kg-dry	1	7/16/2012
Phenanthrene	0.063	0.041		mg/Kg-dry	1	7/16/2012
Pyrene	ND	0.041		mg/Kg-dry	1	7/16/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	7.8			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	20.3	0.2	*	wt%	1	7/13/2012

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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-012

Client Sample ID: GP-27 (3-5)
Collection Date: 7/11/2012 2:01:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		**SW8082 (SW3550B)**		Prep Date: **7/13/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.09		mg/Kg-dry	1	7/16/2012
Aroclor 1221	ND	0.09		mg/Kg-dry	1	7/16/2012
Aroclor 1232	ND	0.09		mg/Kg-dry	1	7/16/2012
Aroclor 1242	ND	0.09		mg/Kg-dry	1	7/16/2012
Aroclor 1248	ND	0.09		mg/Kg-dry	1	7/16/2012
Aroclor 1254	ND	0.09		mg/Kg-dry	1	7/16/2012
Aroclor 1260	ND	0.09		mg/Kg-dry	1	7/16/2012
TCLP Mercury		**SW1311/7470A**		Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury		**SW7471A**		Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	0.028	0.023		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **7/12/2012**		Analyst: **JG**
Arsenic	17	1.1		mg/Kg-dry	10	7/12/2012
Barium	21	1.1		mg/Kg-dry	10	7/12/2012
Cadmium	ND	0.55		mg/Kg-dry	10	7/12/2012
Chromium	9	1.1		mg/Kg-dry	10	7/12/2012
Lead	25	0.55		mg/Kg-dry	10	7/12/2012
Selenium	ND	1.1		mg/Kg-dry	10	7/12/2012
Silver	ND	1.1		mg/Kg-dry	10	7/12/2012
TCLP Metals by ICP/MS		**SW1311/6020 (SW3005A)**		Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/16/2012
Barium	ND	0.5		mg/L	5	7/16/2012
Cadmium	ND	0.005		mg/L	5	7/16/2012
Chromium	ND	0.01		mg/L	5	7/16/2012
Lead	0.0065	0.005		mg/L	5	7/16/2012
Selenium	ND	0.01		mg/L	5	7/16/2012
Silver	ND	0.01		mg/L	5	7/16/2012
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	ND	0.037		mg/Kg-dry	1	7/16/2012
Acenaphthylene	ND	0.037		mg/Kg-dry	1	7/16/2012
Anthracene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	7/16/2012

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Date Reported: July 25, 2012
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Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-012

Client Sample ID: GP-27 (3-5)
Collection Date: 7/11/2012 2:01:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Chrysene	0.049	0.037		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	7/16/2012
Fluoranthene	ND	0.037		mg/Kg-dry	1	7/16/2012
Fluorene	ND	0.037		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	7/16/2012
Naphthalene	ND	0.037		mg/Kg-dry	1	7/16/2012
Phenanthrene	0.047	0.037		mg/Kg-dry	1	7/16/2012
Pyrene	ND	0.037		mg/Kg-dry	1	7/16/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	8.3			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	12.0	0.2	*	wt%	1	7/13/2012

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Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-013

Client Sample ID: GP-28 (8-10)
Collection Date: 7/11/2012 2:25:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		**SW8082 (SW3550B)**		Prep Date: **7/12/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.094		mg/Kg-dry	1	7/12/2012
Aroclor 1221	ND	0.094		mg/Kg-dry	1	7/12/2012
Aroclor 1232	ND	0.094		mg/Kg-dry	1	7/12/2012
Aroclor 1242	ND	0.094		mg/Kg-dry	1	7/12/2012
Aroclor 1248	ND	0.094		mg/Kg-dry	1	7/12/2012
Aroclor 1254	ND	0.094		mg/Kg-dry	1	7/12/2012
Aroclor 1260	ND	0.094		mg/Kg-dry	1	7/12/2012
Pesticides		**SW8081 (SW3550B)**		Prep Date: **7/12/2012**		Analyst: **GVC**
4,4'-DDD	ND	0.0019		mg/Kg-dry	1	7/12/2012
4,4'-DDE	ND	0.0019		mg/Kg-dry	1	7/12/2012
4,4'-DDT	ND	0.0019		mg/Kg-dry	1	7/12/2012
Aldrin	ND	0.0019		mg/Kg-dry	1	7/12/2012
alpha-BHC	ND	0.0019		mg/Kg-dry	1	7/12/2012
alpha-Chlordane	ND	0.0019		mg/Kg-dry	1	7/12/2012
beta-BHC	ND	0.0019		mg/Kg-dry	1	7/12/2012
Chlordane	ND	0.039		mg/Kg-dry	1	7/12/2012
delta-BHC	ND	0.0019		mg/Kg-dry	1	7/12/2012
Dieldrin	ND	0.0019		mg/Kg-dry	1	7/12/2012
Endosulfan I	ND	0.0019		mg/Kg-dry	1	7/12/2012
Endosulfan II	ND	0.0019		mg/Kg-dry	1	7/12/2012
Endosulfan sulfate	ND	0.0019		mg/Kg-dry	1	7/12/2012
Endrin	ND	0.0019		mg/Kg-dry	1	7/12/2012
Endrin aldehyde	ND	0.0019		mg/Kg-dry	1	7/12/2012
Endrin ketone	ND	0.0019		mg/Kg-dry	1	7/12/2012
gamma-BHC	ND	0.0019		mg/Kg-dry	1	7/12/2012
gamma-Chlordane	ND	0.0019		mg/Kg-dry	1	7/12/2012
Heptachlor	ND	0.0019		mg/Kg-dry	1	7/12/2012
Heptachlor epoxide	ND	0.0019		mg/Kg-dry	1	7/12/2012
Methoxychlor	ND	0.0019		mg/Kg-dry	1	7/12/2012
Toxaphene	ND	0.039		mg/Kg-dry	1	7/12/2012
TCLP Mercury		**SW1311/7470A**		Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury		**SW7471A**		Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	ND	0.022		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **7/12/2012**		Analyst: **JG**
Aluminum	4000	240		mg/Kg-dry	100	7/12/2012

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Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-013

Client Sample ID: GP-28 (8-10)
Collection Date: 7/11/2012 2:25:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/12/2012**		Analyst: **JG**
Antimony	ND	2.4		mg/Kg-dry	10	7/12/2012
Arsenic	18	1.2		mg/Kg-dry	10	7/12/2012
Barium	7.6	1.2		mg/Kg-dry	10	7/12/2012
Beryllium	ND	0.59		mg/Kg-dry	10	7/12/2012
Cadmium	ND	0.59		mg/Kg-dry	10	7/12/2012
Calcium	94000	710		mg/Kg-dry	100	7/12/2012
Chromium	7.9	1.2		mg/Kg-dry	10	7/13/2012
Cobalt	12	1.2		mg/Kg-dry	10	7/13/2012
Copper	42	2.9		mg/Kg-dry	10	7/13/2012
Iron	27000	350		mg/Kg-dry	100	7/12/2012
Lead	25	0.59		mg/Kg-dry	10	7/12/2012
Magnesium	52000	350		mg/Kg-dry	100	7/12/2012
Manganese	680	1.2		mg/Kg-dry	10	7/13/2012
Nickel	30	1.2		mg/Kg-dry	10	7/13/2012
Potassium	1100	35		mg/Kg-dry	10	7/13/2012
Selenium	ND	1.2		mg/Kg-dry	10	7/12/2012
Silver	ND	1.2		mg/Kg-dry	10	7/12/2012
Sodium	ND	710		mg/Kg-dry	100	7/12/2012
Thallium	1.3	1.2		mg/Kg-dry	10	7/12/2012
Vanadium	12	1.2		mg/Kg-dry	10	7/13/2012
Zinc	65	5.9		mg/Kg-dry	10	7/13/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/16/2012
Barium	ND	0.5		mg/L	5	7/16/2012
Cadmium	ND	0.005		mg/L	5	7/16/2012
Chromium	ND	0.01		mg/L	5	7/16/2012
Lead	0.0076	0.005		mg/L	5	7/16/2012
Selenium	ND	0.01		mg/L	5	7/16/2012
Silver	ND	0.01		mg/L	5	7/16/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Acenaphthylene	ND	0.039		mg/Kg-dry	1	7/16/2012
Aniline	ND	0.4		mg/Kg-dry	1	7/16/2012
Anthracene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzidine	ND	0.39		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	7/16/2012

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Lab ID: 12070488-013

Client Sample ID: GP-28 (8-10)
Collection Date: 7/11/2012 2:25:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Benzoic acid	ND	0.99		mg/Kg-dry	1	7/16/2012
Benzyl alcohol	ND	0.2		mg/Kg-dry	1	7/16/2012
Bis(2-chloroethoxy)methane	ND	0.2		mg/Kg-dry	1	7/16/2012
Bis(2-chloroethyl)ether	ND	0.2		mg/Kg-dry	1	7/16/2012
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	7/16/2012
4-Bromophenyl phenyl ether	ND	0.2		mg/Kg-dry	1	7/16/2012
Butyl benzyl phthalate	ND	0.2		mg/Kg-dry	1	7/16/2012
Carbazole	ND	0.2		mg/Kg-dry	1	7/16/2012
4-Chloroaniline	ND	0.2		mg/Kg-dry	1	7/16/2012
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	7/16/2012
2-Chloronaphthalene	ND	0.2		mg/Kg-dry	1	7/16/2012
2-Chlorophenol	ND	0.2		mg/Kg-dry	1	7/16/2012
4-Chlorophenyl phenyl ether	ND	0.2		mg/Kg-dry	1	7/16/2012
Chrysene	ND	0.039		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	7/16/2012
Dibenzofuran	ND	0.2		mg/Kg-dry	1	7/16/2012
1,2-Dichlorobenzene	ND	0.2		mg/Kg-dry	1	7/16/2012
1,3-Dichlorobenzene	ND	0.2		mg/Kg-dry	1	7/16/2012
1,4-Dichlorobenzene	ND	0.2		mg/Kg-dry	1	7/16/2012
3,3'-Dichlorobenzidine	ND	0.2		mg/Kg-dry	1	7/16/2012
2,4-Dichlorophenol	ND	0.2		mg/Kg-dry	1	7/16/2012
Diethyl phthalate	ND	0.2		mg/Kg-dry	1	7/16/2012
2,4-Dimethylphenol	ND	0.2		mg/Kg-dry	1	7/16/2012
Dimethyl phthalate	ND	0.2		mg/Kg-dry	1	7/16/2012
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	7/16/2012
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	7/16/2012
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	7/16/2012
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	7/16/2012
Di-n-butyl phthalate	ND	0.2		mg/Kg-dry	1	7/16/2012
Di-n-octyl phthalate	ND	0.2		mg/Kg-dry	1	7/16/2012
Fluoranthene	ND	0.039		mg/Kg-dry	1	7/16/2012
Fluorene	ND	0.039		mg/Kg-dry	1	7/16/2012
Hexachlorobenzene	ND	0.2		mg/Kg-dry	1	7/16/2012
Hexachlorobutadiene	ND	0.2		mg/Kg-dry	1	7/16/2012
Hexachlorocyclopentadiene	ND	0.2		mg/Kg-dry	1	7/16/2012

Qualifiers:
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-013

Client Sample ID: GP-28 (8-10)
Collection Date: 7/11/2012 2:25:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Hexachloroethane	ND	0.2		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	7/16/2012
Isophorone	ND	0.2		mg/Kg-dry	1	7/16/2012
2-Methylnaphthalene	ND	0.2		mg/Kg-dry	1	7/16/2012
2-Methylphenol	ND	0.2		mg/Kg-dry	1	7/16/2012
4-Methylphenol	ND	0.2		mg/Kg-dry	1	7/16/2012
Naphthalene	ND	0.039		mg/Kg-dry	1	7/16/2012
2-Nitroaniline	ND	0.2		mg/Kg-dry	1	7/16/2012
3-Nitroaniline	ND	0.2		mg/Kg-dry	1	7/16/2012
4-Nitroaniline	ND	0.2		mg/Kg-dry	1	7/16/2012
2-Nitrophenol	ND	0.2		mg/Kg-dry	1	7/16/2012
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	7/16/2012
Nitrobenzene	ND	0.039		mg/Kg-dry	1	7/16/2012
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	7/16/2012
N-Nitrosodimethylamine	ND	0.2		mg/Kg-dry	1	7/16/2012
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	7/16/2012
2, 2'-oxybis(1-Chloropropane)	ND	0.2		mg/Kg-dry	1	7/16/2012
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	7/16/2012
Phenanthrene	0.043	0.039		mg/Kg-dry	1	7/16/2012
Phenol	ND	0.2		mg/Kg-dry	1	7/16/2012
Pyrene	ND	0.039		mg/Kg-dry	1	7/16/2012
Pyridine	ND	0.8		mg/Kg-dry	1	7/16/2012
1,2,4-Trichlorobenzene	ND	0.2		mg/Kg-dry	1	7/16/2012
2,4,5-Trichlorophenol	ND	0.2		mg/Kg-dry	1	7/16/2012
2,4,6-Trichlorophenol	ND	0.2		mg/Kg-dry	1	7/16/2012
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/12/2012**		Analyst: **PS**
Acetone	ND	0.077		mg/Kg-dry	1	7/16/2012
Benzene	ND	0.0052		mg/Kg-dry	1	7/16/2012
Bromodichloromethane	ND	0.0052		mg/Kg-dry	1	7/16/2012
Bromoform	ND	0.0052		mg/Kg-dry	1	7/16/2012
Bromomethane	ND	0.01		mg/Kg-dry	1	7/16/2012
2-Butanone	ND	0.077		mg/Kg-dry	1	7/16/2012
Carbon disulfide	ND	0.052		mg/Kg-dry	1	7/16/2012
Carbon tetrachloride	ND	0.0052		mg/Kg-dry	1	7/16/2012
Chlorobenzene	ND	0.0052		mg/Kg-dry	1	7/16/2012
Chloroethane	ND	0.01		mg/Kg-dry	1	7/16/2012
Chloroform	ND	0.0052		mg/Kg-dry	1	7/16/2012
Chloromethane	ND	0.01		mg/Kg-dry	1	7/16/2012

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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-013

Client Sample ID: GP-28 (8-10)
Collection Date: 7/11/2012 2:25:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/12/2012**		Analyst: **PS**
Dibromochloromethane	ND	0.0052		mg/Kg-dry	1	7/16/2012
1,1-Dichloroethane	ND	0.0052		mg/Kg-dry	1	7/16/2012
1,2-Dichloroethane	ND	0.0052		mg/Kg-dry	1	7/16/2012
1,1-Dichloroethene	ND	0.0052		mg/Kg-dry	1	7/16/2012
cis-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	7/16/2012
trans-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	7/16/2012
1,2-Dichloropropane	ND	0.0052		mg/Kg-dry	1	7/16/2012
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	7/16/2012
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	7/16/2012
Ethylbenzene	ND	0.0052		mg/Kg-dry	1	7/16/2012
2-Hexanone	ND	0.021		mg/Kg-dry	1	7/16/2012
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	7/16/2012
Methylene chloride	ND	0.01		mg/Kg-dry	1	7/16/2012
Methyl tert-butyl ether	ND	0.0052		mg/Kg-dry	1	7/16/2012
Styrene	ND	0.0052		mg/Kg-dry	1	7/16/2012
1,1,2,2-Tetrachloroethane	ND	0.0052		mg/Kg-dry	1	7/16/2012
Tetrachloroethene	ND	0.0052		mg/Kg-dry	1	7/16/2012
Toluene	ND	0.0052		mg/Kg-dry	1	7/16/2012
1,1,1-Trichloroethane	ND	0.0052		mg/Kg-dry	1	7/16/2012
1,1,2-Trichloroethane	ND	0.0052		mg/Kg-dry	1	7/16/2012
Trichloroethene	ND	0.0052		mg/Kg-dry	1	7/16/2012
Vinyl chloride	ND	0.0052		mg/Kg-dry	1	7/16/2012
Xylenes, Total	ND	0.015		mg/Kg-dry	1	7/16/2012
Cyanide, Total	**SW9012A**			Prep Date: **7/12/2012**		Analyst: **MDDT**
Cyanide	ND	0.3		mg/Kg-dry	1	7/13/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	7.8			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	16.6	0.2	*	wt%	1	7/13/2012

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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-014

Client Sample ID: GP-20 (2-4)
Collection Date: 7/11/2012 2:48:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **7/13/2012**		Analyst: **GVC**
Aroclor 1016	ND	0.097		mg/Kg-dry	1	7/16/2012
Aroclor 1221	ND	0.097		mg/Kg-dry	1	7/16/2012
Aroclor 1232	ND	0.097		mg/Kg-dry	1	7/16/2012
Aroclor 1242	ND	0.097		mg/Kg-dry	1	7/16/2012
Aroclor 1248	ND	0.097		mg/Kg-dry	1	7/16/2012
Aroclor 1254	ND	0.097		mg/Kg-dry	1	7/16/2012
Aroclor 1260	ND	0.097		mg/Kg-dry	1	7/16/2012
TCLP Mercury	**SW1311/7470A**			Prep Date: **7/13/2012**		Analyst: **LB**
Mercury	ND	0.0002		mg/L	1	7/13/2012
Mercury	**SW7471A**			Prep Date: **7/12/2012**		Analyst: **LB**
Mercury	0.037	0.022		mg/Kg-dry	1	7/13/2012
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/11/2012**		Analyst: **JG**
Arsenic	8.2	1.2		mg/Kg-dry	10	7/12/2012
Barium	120	1.2		mg/Kg-dry	10	7/12/2012
Cadmium	0.75	0.61		mg/Kg-dry	10	7/12/2012
Chromium	21	1.2		mg/Kg-dry	10	7/12/2012
Lead	42	0.61		mg/Kg-dry	10	7/12/2012
Selenium	1.3	1.2		mg/Kg-dry	10	7/12/2012
Silver	ND	1.2		mg/Kg-dry	10	7/12/2012
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/13/2012**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/16/2012
Barium	ND	0.5		mg/L	5	7/16/2012
Cadmium	ND	0.005		mg/L	5	7/16/2012
Chromium	ND	0.01		mg/L	5	7/16/2012
Lead	ND	0.005		mg/L	5	7/16/2012
Selenium	ND	0.01		mg/L	5	7/16/2012
Silver	ND	0.01		mg/L	5	7/16/2012
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Acenaphthene	ND	0.04		mg/Kg-dry	1	7/16/2012
Acenaphthylene	ND	0.04		mg/Kg-dry	1	7/16/2012
Anthracene	ND	0.04		mg/Kg-dry	1	7/16/2012
Benz(a)anthracene	ND	0.04		mg/Kg-dry	1	7/16/2012
Benzo(a)pyrene	ND	0.04		mg/Kg-dry	1	7/16/2012
Benzo(b)fluoranthene	ND	0.04		mg/Kg-dry	1	7/16/2012
Benzo(g,h,i)perylene	ND	0.04		mg/Kg-dry	1	7/16/2012
Benzo(k)fluoranthene	ND	0.04		mg/Kg-dry	1	7/16/2012

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Date Reported: July 25, 2012
Date Printed: July 25, 2012

Client: ARCADIS U.S., Inc.
Lab Order: 12070488
Project: EG012722.0000.00003, ComEd-Crawford, Chicag
Lab ID: 12070488-014

Client Sample ID: GP-20 (2-4)
Collection Date: 7/11/2012 2:48:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **7/15/2012**		Analyst: **DM**
Chrysene	ND	0.04		mg/Kg-dry	1	7/16/2012
Dibenz(a,h)anthracene	ND	0.04		mg/Kg-dry	1	7/16/2012
Fluoranthene	ND	0.04		mg/Kg-dry	1	7/16/2012
Fluorene	ND	0.04		mg/Kg-dry	1	7/16/2012
Indeno(1,2,3-cd)pyrene	ND	0.04		mg/Kg-dry	1	7/16/2012
Naphthalene	ND	0.04		mg/Kg-dry	1	7/16/2012
Phenanthrene	ND	0.04		mg/Kg-dry	1	7/16/2012
Pyrene	ND	0.04		mg/Kg-dry	1	7/16/2012
pH (25 °C)	**SW9045C**			Prep Date: **7/12/2012**		Analyst: **RW**
pH	8.0			pH Units	1	7/12/2012
Percent Moisture	**D2974**			Prep Date: **7/12/2012**		Analyst: **RW**
Percent Moisture	18.2	0.2	*	wt%	1	7/13/2012

Qualifiers:
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CHAIN OF CUSTODY RECORD

№: 843946 Page : ____ of ____

Company: ARCADIS
Project Number: Client Tracking No.:
Project Name: ComEd Crenshaw
Project Location: Chicago, IL
Sampler(s): ~~CC + H~~ HH C. Crenshaw + H. Hilchey
Report To: Wei-Lin Feng Phone:
Fax:
QC Level: 1 ___ 2 ___ 3 ___ 4 ___ e-mail:

P.O. No.:
Quote No.:

Turn Around:
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	PNAs	PCBs	Total metals	TCLP RCRA Metals	pH	TCL	~~Total Mercury~~ HH							Remarks	Lab No.:
GP-18(6-8)	7/11/12	0850	S		X		1	1	1	1	1	1										001
GP-17(2-4)	7/11/12	0915	S		X		1	1	1	1	1	1										002
GP-16(2-4)	7/11/12	0946	S		X		1	1	1	1	1	1										003
GP-15(6-8)	7/11/12	1020	S		X		1	1	1	1	1	1										004
GP-19(6-8)	7/11/12	1035	S		X		1	1	1	1	1	1										005
GP-21(3-5)	7/11/12	1100	S		X		1	1	1	1	1	1										006
GP-22(10-12)	7/11/12	1125	S		X		4	HH/			1	1	1									007
GP-24(8-10)	7/11/12	1151	S		X		1	1	1	1	1	1										008
GP-23(5-7)	7/11/12	1250	S		X		4				1	1	1									009
GP-25(2-4)	7/11/12	1315	S		X		1	1	1	1	1	1										010
GP-26(6-8)	7/11/12	1335	S		X		1	1	1	1	1	1										011
GP-27(3-5)	7/11/12	1401	S		X		1	1	1	1	1	1										012
GP-28(8-10)	7/11/12	1425	S		X		4				1	1	1									013
GP-20(2-4)	7/11/12	1448	S		X		1	1	1	1	1	1										014

Relinquished by: (Signature) Heather Hilchey Date/Time: 7/11/12 1630
Received by: (Signature) [signature] Date/Time: 7/11/12 1630
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments:

Preservation Code: A = None B = HNO_3 C = NaOH D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 12070488
Received on Ice: Yes [✓] No [ ]
Temperature: 21 °C

STAT Analysis Corporation

Sample Receipt Checklist

Client Name **LFR**

Date and Time Received: **7/11/2012 4:30:00 PM**

Work Order Number **12070488**

Received by: MAM

Checklist completed by: 7-11-12 (Signature / Date)

Reviewed by: KC 7/12/12 (Initials / Date)

Matrix:

Carrier name: STAT Analysis

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels/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 ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature 2.1 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples pH checked?	Yes ☐	No ☐	Checked by:
Water - Samples properly preserved?	Yes ☐	No ☐	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted: Date contacted: Contacted by:

Response:

Catia Giannini

From: Ellingson, Dale [Dale.Ellingson@arcadis-us.com]
Sent: Thursday, July 19, 2012 9:48 AM
To: Catia Giannini
Cc: Schwarz, Amy; Feng, Wei-Lin
Subject: ComEd Crawford Red Blue Yard

Please run elemental Hg analysis on the following samples 4-day TAT. Thank you

12070488-002	12070443-003	12070443-004	12070443-006	12070443-017	12070443-019
GP-17 (2-4)	GP-2 (0-2)	GP-4 (8-10)	GP-5 (2-4)	GP-12 (2-4)	GP-14 (3-5)

Dale Ellingson, PE | Senior Engineer | | dale.ellingson@arcadis-us.com
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Professional Engineer IL, 062.048802 | IN, PE10100769
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Catia Giannini

From: Crenshaw, Courtney [Courtney.Crenshaw@arcadis-us.com]

Sent: Thursday, July 12, 2012 11:36 AM

To: Catia Giannini

Subject: ComEd Crawford Samples

Hi Catia,

Tuesday the 10th and yesterday the 11th we submitted some soil samples for the ComEd Crawford Site. I noticed the project number is not on the COC. Can you please apply project number EG012722.0000.00003? Also, Please send analytical reports via email to Dale Ellingson and Amy Schwarz rather than Wei-lin Feng. The "Total Metals" for analysis are the RCRA Metals. All samples are on a 4 day TAT except the samples on hold. Please let me know if you have any questions.
Thanks,

Courtney Crenshaw | Environmental Scientist II | courtney.crenshaw@arcadis-us.com
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www.arcadis-us.com
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