

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

April 16, 2020

Carnow, Conibear, & Associates
600 W. Van Buren Street
Chicago, IL 60607

Telephone: (312) 782-4486
Fax: (312) 782-5145

Analytical Report for STAT Work Order: 20040320 Revision 0

RE: RH-SET-Chicago, SET Generating Station, 3501 S. Pulaski

Dear Carnow, Conibear, & Associates:

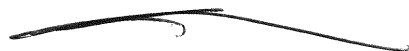
STAT Analysis received 14 samples for the referenced project on 4/13/2020 3:40:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP 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,



Craig Chawla
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 as received and 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.

Client: Carnow, Conibear, & Associates**Project:** RH-SET-Chicago, SET Generating Station, 3501 S. Pul **Work Order Sample Summary****Work Order:** 20040320 Revision 0

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
20040320-001A	RH-413-001		4/13/2020 12:00:00 PM	4/13/2020
20040320-002A	RH-413-002		4/13/2020 12:10:00 PM	4/13/2020
20040320-003A	RH-413-003		4/13/2020 12:20:00 PM	4/13/2020
20040320-004A	RH-413-004		4/13/2020 12:25:00 PM	4/13/2020
20040320-005A	RH-413-005		4/13/2020 12:35:00 PM	4/13/2020
20040320-006A	RH-413-006		4/13/2020 12:45:00 PM	4/13/2020
20040320-007A	RH-413-007		4/13/2020 12:55:00 PM	4/13/2020
20040320-008A	RH-413-008		4/13/2020 1:00:00 PM	4/13/2020
20040320-009A	RH-413-009		4/13/2020 1:10:00 PM	4/13/2020
20040320-010A	RH-413-010		4/13/2020 1:15:00 PM	4/13/2020
20040320-011A	#60322		4/13/2020 2:00:00 PM	4/13/2020
20040320-012A	#60277		4/13/2020 2:15:00 PM	4/13/2020
20040320-013A	#60259		4/13/2020 2:40:00 PM	4/13/2020
20040320-014A	#60300		4/13/2020 2:50:00 PM	4/13/2020

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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-001

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:00:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)		Prep Date: 4/14/2020		Analyst: DM	
Acenaphthene	0.039	0.036		mg/Kg-dry	1	4/14/2020
Acenaphthylene	ND	0.036		mg/Kg-dry	1	4/14/2020
Aniline	ND	0.36		mg/Kg-dry	1	4/14/2020
Anthracene	0.13	0.036		mg/Kg-dry	1	4/14/2020
Benz(a)anthracene	0.42	0.036		mg/Kg-dry	1	4/14/2020
Benzidine	ND	0.36		mg/Kg-dry	1	4/14/2020
Benzo(a)pyrene	0.36	0.036		mg/Kg-dry	1	4/14/2020
Benzo(b)fluoranthene	0.37	0.036		mg/Kg-dry	1	4/14/2020
Benzo(g,h,i)perylene	0.21	0.036		mg/Kg-dry	1	4/14/2020
Benzo(k)fluoranthene	0.31	0.036		mg/Kg-dry	1	4/14/2020
Benzoic acid	ND	0.91		mg/Kg-dry	1	4/14/2020
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	4/14/2020
Bis(2-ethylhexyl)phthalate	ND	0.91		mg/Kg-dry	1	4/14/2020
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	4/14/2020
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
Carbazole	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	4/14/2020
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	4/14/2020
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	4/14/2020
Chrysene	0.44	0.036		mg/Kg-dry	1	4/14/2020
Dibenz(a,h)anthracene	0.10	0.036		mg/Kg-dry	1	4/14/2020
Dibenzofuran	ND	0.19		mg/Kg-dry	1	4/14/2020
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	4/14/2020
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	4/14/2020
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	4/14/2020
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
4,6-Dinitro-2-methylphenol	ND	0.36		mg/Kg-dry	1	4/14/2020
2,4-Dinitrophenol	ND	0.91		mg/Kg-dry	1	4/14/2020
2,4-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	4/14/2020
2,6-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	4/14/2020

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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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-001

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:00:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 4/14/2020		Analyst: DM
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Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
Fluoranthene	0.86	0.036		mg/Kg-dry	1	4/14/2020
Fluorene	0.051	0.036		mg/Kg-dry	1	4/14/2020
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	4/14/2020
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	4/14/2020
Hexachloroethane	ND	0.19		mg/Kg-dry	1	4/14/2020
Indeno(1,2,3-cd)pyrene	0.19	0.036		mg/Kg-dry	1	4/14/2020
Isophorone	ND	0.19		mg/Kg-dry	1	4/14/2020
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	4/14/2020
2-Methylphenol	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Methylphenol	ND	0.19		mg/Kg-dry	1	4/14/2020
Naphthalene	ND	0.036		mg/Kg-dry	1	4/14/2020
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	4/14/2020
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	4/14/2020
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Nitrophenol	ND	0.36		mg/Kg-dry	1	4/14/2020
Nitrobenzene	ND	0.036		mg/Kg-dry	1	4/14/2020
N-Nitrosodi-n-propylamine	ND	0.036		mg/Kg-dry	1	4/14/2020
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	4/14/2020
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	4/14/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	4/14/2020
Pentachlorophenol	ND	0.073		mg/Kg-dry	1	4/14/2020
Phenanthrene	0.51	0.036		mg/Kg-dry	1	4/14/2020
Phenol	ND	0.19		mg/Kg-dry	1	4/14/2020
Pyrene	0.69	0.036		mg/Kg-dry	1	4/14/2020
Pyridine	ND	0.73		mg/Kg-dry	1	4/14/2020
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	4/14/2020
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	4/14/2020

PCBs	SW8082A (SW3550B)			Prep Date: 4/13/2020		Analyst: GVC
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Aroclor 1016	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1221	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1232	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1242	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1248	ND	0.088		mg/Kg-dry	1	4/14/2020

Qualifiers:
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Date Reported: April 16, 2020

Date Printed: April 16, 2020

ANALYTICAL RESULTS

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-001

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:00:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs						
		SW8082A (SW3550B)		Prep Date: 4/13/2020		Analyst: GVC
Aroclor 1254	0.18	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1260	0.11	0.088		mg/Kg-dry	1	4/14/2020
Pesticides						
		SW8081B (SW3550B)		Prep Date: 4/13/2020		Analyst: GVC
4,4'-DDD	ND	0.0018		mg/Kg-dry	1	4/14/2020
4,4'-DDE	ND	0.0018		mg/Kg-dry	1	4/14/2020
4,4'-DDT	ND	0.0018		mg/Kg-dry	1	4/14/2020
Aldrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
alpha-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
alpha-Chlordane	ND	0.0018		mg/Kg-dry	1	4/14/2020
beta-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
Chlordane	ND	0.018		mg/Kg-dry	1	4/14/2020
delta-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
Dieldrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan I	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan II	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan sulfate	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin aldehyde	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin ketone	ND	0.0018		mg/Kg-dry	1	4/14/2020
gamma-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
gamma-Chlordane	ND	0.0018		mg/Kg-dry	1	4/14/2020
Heptachlor	ND	0.0018		mg/Kg-dry	1	4/14/2020
Heptachlor epoxide	ND	0.0018		mg/Kg-dry	1	4/14/2020
Methoxychlor	ND	0.0018		mg/Kg-dry	1	4/14/2020
Toxaphene	ND	0.036		mg/Kg-dry	1	4/14/2020
Metals by ICP/MS						
		SW6020A (SW3050B)		Prep Date: 4/14/2020		Analyst: MDT
Aluminum	4500	37		mg/Kg-dry	20	4/14/2020
Antimony	4.1	3.7		mg/Kg-dry	20	4/14/2020
Arsenic	73	1.9		mg/Kg-dry	20	4/14/2020
Barium	290	1.9		mg/Kg-dry	20	4/14/2020
Beryllium	ND	0.93		mg/Kg-dry	20	4/14/2020
Cadmium	5.9	0.93		mg/Kg-dry	20	4/14/2020
Calcium	62000	110		mg/Kg-dry	20	4/14/2020
Chromium	72	1.9		mg/Kg-dry	20	4/14/2020
Cobalt	22	1.9		mg/Kg-dry	20	4/14/2020
Copper	350	4.6		mg/Kg-dry	20	4/14/2020
Iron	180000	56		mg/Kg-dry	20	4/14/2020

ND - Not Detected at the Reporting Limit

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Qualifiers:

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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-001

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:00:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)			Prep Date: 4/14/2020		Analyst: MDT
Lead	1800	0.93		mg/Kg-dry	20	4/14/2020
Magnesium	22000	56		mg/Kg-dry	20	4/14/2020
Manganese	1100	1.9		mg/Kg-dry	20	4/14/2020
Nickel	99	1.9		mg/Kg-dry	20	4/14/2020
Potassium	830	56		mg/Kg-dry	20	4/14/2020
Selenium	ND	1.9		mg/Kg-dry	20	4/14/2020
Silver	ND	1.9		mg/Kg-dry	20	4/14/2020
Sodium	820	110		mg/Kg-dry	20	4/14/2020
Thallium	2.0	1.9		mg/Kg-dry	20	4/14/2020
Vanadium	11	1.9		mg/Kg-dry	20	4/14/2020
Zinc	580	9.3		mg/Kg-dry	20	4/14/2020
Mercury	SW7471B			Prep Date: 4/14/2020		Analyst: LB
Mercury	0.28	0.021		mg/Kg-dry	1	4/14/2020
Cyanide, Total	SW9012A			Prep Date: 4/14/2020		Analyst: CAB
Cyanide	ND	0.27		mg/Kg-dry	1	4/14/2020
pH (25 °C)	SW9045C			Prep Date: 4/13/2020		Analyst: JAR
pH	8.59			pH Units	1	4/13/2020
Percent Moisture	D2974			Prep Date: 4/14/2020		Analyst: FN
Percent Moisture	8.6	0.2	*	wt%	1	4/14/2020
Asbestos Analysis by TEM	EPA600/R-93/116			Prep Date:		Analyst: RJS
Chrysotile	<1			%	1	7/13/2020

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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-002

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:10:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 4/14/2020	Analyst: DM
Acenaphthene	0.057	0.039		mg/Kg-dry	1	4/14/2020
Acenaphthylene	ND	0.039		mg/Kg-dry	1	4/14/2020
Aniline	ND	0.39		mg/Kg-dry	1	4/14/2020
Anthracene	0.18	0.039		mg/Kg-dry	1	4/14/2020
Benz(a)anthracene	0.71	0.039		mg/Kg-dry	1	4/14/2020
Benzidine	ND	0.39		mg/Kg-dry	1	4/14/2020
Benzo(a)pyrene	0.55	0.039		mg/Kg-dry	1	4/14/2020
Benzo(b)fluoranthene	0.57	0.039		mg/Kg-dry	1	4/14/2020
Benzo(g,h,i)perylene	0.31	0.039		mg/Kg-dry	1	4/14/2020
Benzo(k)fluoranthene	0.46	0.039		mg/Kg-dry	1	4/14/2020
Benzoic acid	ND	0.97		mg/Kg-dry	1	4/14/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	4/14/2020
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	4/14/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	4/14/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
Carbazole	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	4/14/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	4/14/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	4/14/2020
Chrysene	0.75	0.039		mg/Kg-dry	1	4/14/2020
Dibenz(a,h)anthracene	0.16	0.039		mg/Kg-dry	1	4/14/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	4/14/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	4/14/2020
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	4/14/2020
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	4/14/2020
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	4/14/2020

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

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-002

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:10:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 4/14/2020		Analyst: DM
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Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
Fluoranthene	1.3	0.039		mg/Kg-dry	1	4/14/2020
Fluorene	0.071	0.039		mg/Kg-dry	1	4/14/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	4/14/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	4/14/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	4/14/2020
Indeno(1,2,3-cd)pyrene	0.30	0.039		mg/Kg-dry	1	4/14/2020
Isophorone	ND	0.20		mg/Kg-dry	1	4/14/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	4/14/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Naphthalene	ND	0.039		mg/Kg-dry	1	4/14/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	4/14/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	4/14/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	4/14/2020
Nitrobenzene	ND	0.039		mg/Kg-dry	1	4/14/2020
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	4/14/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	4/14/2020
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	4/14/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	4/14/2020
Pentachlorophenol	ND	0.078		mg/Kg-dry	1	4/14/2020
Phenanthrene	0.69	0.039		mg/Kg-dry	1	4/14/2020
Phenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Pyrene	1.1	0.039		mg/Kg-dry	1	4/14/2020
Pyridine	ND	0.78		mg/Kg-dry	1	4/14/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020

PCBs	SW8082A (SW3550B)			Prep Date: 4/13/2020		Analyst: GVC
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Aroclor 1016	ND	0.094		mg/Kg-dry	1	4/14/2020
Aroclor 1221	ND	0.094		mg/Kg-dry	1	4/14/2020
Aroclor 1232	ND	0.094		mg/Kg-dry	1	4/14/2020
Aroclor 1242	0.19	0.094		mg/Kg-dry	1	4/14/2020
Aroclor 1248	ND	0.094		mg/Kg-dry	1	4/14/2020

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
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STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

Date Printed: April 16, 2020

ANALYTICAL RESULTS

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-002

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:10:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		SW8082A (SW3550B)		Prep Date: 4/13/2020		Analyst: GVC
Aroclor 1254	0.34	0.094		mg/Kg-dry	1	4/14/2020
Aroclor 1260	0.20	0.094		mg/Kg-dry	1	4/14/2020
Pesticides		SW8081B (SW3550B)		Prep Date: 4/13/2020		Analyst: GVC
4,4'-DDD	ND	0.0019		mg/Kg-dry	1	4/14/2020
4,4'-DDE	ND	0.0019		mg/Kg-dry	1	4/14/2020
4,4'-DDT	ND	0.0019		mg/Kg-dry	1	4/14/2020
Aldrin	ND	0.0019		mg/Kg-dry	1	4/14/2020
alpha-BHC	ND	0.0019		mg/Kg-dry	1	4/14/2020
alpha-Chlordane	ND	0.0019		mg/Kg-dry	1	4/14/2020
beta-BHC	ND	0.0019		mg/Kg-dry	1	4/14/2020
Chlordane	ND	0.019		mg/Kg-dry	1	4/14/2020
delta-BHC	ND	0.0019		mg/Kg-dry	1	4/14/2020
Dieldrin	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endosulfan I	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endosulfan II	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endosulfan sulfate	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endrin	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endrin aldehyde	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endrin ketone	ND	0.0019		mg/Kg-dry	1	4/14/2020
gamma-BHC	ND	0.0019		mg/Kg-dry	1	4/14/2020
gamma-Chlordane	ND	0.0019		mg/Kg-dry	1	4/14/2020
Heptachlor	ND	0.0019		mg/Kg-dry	1	4/14/2020
Heptachlor epoxide	ND	0.0019		mg/Kg-dry	1	4/14/2020
Methoxychlor	ND	0.0019		mg/Kg-dry	1	4/14/2020
Toxaphene	ND	0.039		mg/Kg-dry	1	4/14/2020
Metals by ICP/MS		SW6020A (SW3050B)		Prep Date: 4/14/2020		Analyst: MDT
Aluminum	6000	41		mg/Kg-dry	20	4/14/2020
Antimony	ND	4.1		mg/Kg-dry	20	4/14/2020
Arsenic	170	2.0		mg/Kg-dry	20	4/14/2020
Barium	300	2.0		mg/Kg-dry	20	4/14/2020
Beryllium	ND	1.0		mg/Kg-dry	20	4/14/2020
Cadmium	4.6	1.0		mg/Kg-dry	20	4/14/2020
Calcium	81000	120		mg/Kg-dry	20	4/14/2020
Chromium	50	2.0		mg/Kg-dry	20	4/14/2020
Cobalt	17	2.0		mg/Kg-dry	20	4/14/2020
Copper	320	5.1		mg/Kg-dry	20	4/14/2020
Iron	140000	61		mg/Kg-dry	20	4/14/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-002

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:10:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 4/14/2020		Analyst: MDT	
Lead	1300	1.0		mg/Kg-dry	20	4/14/2020
Magnesium	34000	61		mg/Kg-dry	20	4/14/2020
Manganese	930	2.0		mg/Kg-dry	20	4/14/2020
Nickel	74	2.0		mg/Kg-dry	20	4/14/2020
Potassium	970	61		mg/Kg-dry	20	4/14/2020
Selenium	ND	2.0		mg/Kg-dry	20	4/14/2020
Silver	ND	2.0		mg/Kg-dry	20	4/14/2020
Sodium	1000	120		mg/Kg-dry	20	4/14/2020
Thallium	ND	2.0		mg/Kg-dry	20	4/14/2020
Vanadium	13	2.0		mg/Kg-dry	20	4/14/2020
Zinc	440	10		mg/Kg-dry	20	4/14/2020
Mercury	SW7471B		Prep Date: 4/14/2020		Analyst: LB	
Mercury	0.18	0.020		mg/Kg-dry	1	4/14/2020
Cyanide, Total	SW9012A		Prep Date: 4/14/2020		Analyst: CAB	
Cyanide	ND	0.29		mg/Kg-dry	1	4/14/2020
pH (25 °C)	SW9045C		Prep Date: 4/13/2020		Analyst: JAR	
pH	8.97			pH Units	1	4/13/2020
Percent Moisture	D2974		Prep Date: 4/14/2020		Analyst: FN	
Percent Moisture	15.0	0.2	*	wt%	1	4/14/2020
Asbestos Analysis by TEM	EPA600/R-93/116		Prep Date:		Analyst: RJS	
Chrysotile	<1			%	1	7/13/2020

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

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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-003

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:20:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-003

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)		Prep Date: 4/14/2020		Analyst: DM	
Acenaphthene	0.036	0.036		mg/Kg-dry	1	4/14/2020
Acenaphthylene	ND	0.036		mg/Kg-dry	1	4/14/2020
Aniline	ND	0.36		mg/Kg-dry	1	4/14/2020
Anthracene	0.13	0.036		mg/Kg-dry	1	4/14/2020
Benz(a)anthracene	0.46	0.036		mg/Kg-dry	1	4/14/2020
Benzidine	ND	0.36		mg/Kg-dry	1	4/14/2020
Benzo(a)pyrene	0.37	0.036		mg/Kg-dry	1	4/14/2020
Benzo(b)fluoranthene	0.41	0.036		mg/Kg-dry	1	4/14/2020
Benzo(g,h,i)perylene	0.25	0.036		mg/Kg-dry	1	4/14/2020
Benzo(k)fluoranthene	0.36	0.036		mg/Kg-dry	1	4/14/2020
Benzoic acid	ND	0.91		mg/Kg-dry	1	4/14/2020
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	4/14/2020
Bis(2-ethylhexyl)phthalate	ND	0.91		mg/Kg-dry	1	4/14/2020
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	4/14/2020
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
Carbazole	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	4/14/2020
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	4/14/2020
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	4/14/2020
Chrysene	0.51	0.036		mg/Kg-dry	1	4/14/2020
Dibenz(a,h)anthracene	0.12	0.036		mg/Kg-dry	1	4/14/2020
Dibenzofuran	ND	0.19		mg/Kg-dry	1	4/14/2020
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	4/14/2020
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	4/14/2020
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	4/14/2020
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
4,6-Dinitro-2-methylphenol	ND	0.36		mg/Kg-dry	1	4/14/2020
2,4-Dinitrophenol	ND	0.91		mg/Kg-dry	1	4/14/2020
2,4-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	4/14/2020
2,6-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	4/14/2020

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: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-003

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:20:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-003

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 4/14/2020		Analyst: DM
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Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
Fluoranthene	0.89	0.036		mg/Kg-dry	1	4/14/2020
Fluorene	0.042	0.036		mg/Kg-dry	1	4/14/2020
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	4/14/2020
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	4/14/2020
Hexachloroethane	ND	0.19		mg/Kg-dry	1	4/14/2020
Indeno(1,2,3-cd)pyrene	0.21	0.036		mg/Kg-dry	1	4/14/2020
Isophorone	ND	0.19		mg/Kg-dry	1	4/14/2020
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	4/14/2020
2-Methylphenol	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Methylphenol	ND	0.19		mg/Kg-dry	1	4/14/2020
Naphthalene	ND	0.036		mg/Kg-dry	1	4/14/2020
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	4/14/2020
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	4/14/2020
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Nitrophenol	ND	0.36		mg/Kg-dry	1	4/14/2020
Nitrobenzene	ND	0.036		mg/Kg-dry	1	4/14/2020
N-Nitrosodi-n-propylamine	ND	0.036		mg/Kg-dry	1	4/14/2020
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	4/14/2020
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	4/14/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	4/14/2020
Pentachlorophenol	ND	0.073		mg/Kg-dry	1	4/14/2020
Phenanthrene	0.49	0.036		mg/Kg-dry	1	4/14/2020
Phenol	ND	0.19		mg/Kg-dry	1	4/14/2020
Pyrene	0.75	0.036		mg/Kg-dry	1	4/14/2020
Pyridine	ND	0.73		mg/Kg-dry	1	4/14/2020
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	4/14/2020
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	4/14/2020

PCBs	SW8082A (SW3550B)			Prep Date: 4/13/2020		Analyst: GVC
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Aroclor 1016	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1221	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1232	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1242	0.19	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1248	ND	0.088		mg/Kg-dry	1	4/14/2020

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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Date Reported: April 16, 2020

Date Printed: April 16, 2020

ANALYTICAL RESULTS

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-003

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:20:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-003

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs						
		SW8082A (SW3550B)		Prep Date: 4/13/2020		Analyst: GVC
Aroclor 1254	0.33	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1260	0.21	0.088		mg/Kg-dry	1	4/14/2020
Pesticides						
		SW8081B (SW3550B)		Prep Date: 4/13/2020		Analyst: GVC
4,4'-DDD	ND	0.0018		mg/Kg-dry	1	4/14/2020
4,4'-DDE	ND	0.0018		mg/Kg-dry	1	4/14/2020
4,4'-DDT	ND	0.0018		mg/Kg-dry	1	4/14/2020
Aldrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
alpha-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
alpha-Chlordane	ND	0.0018		mg/Kg-dry	1	4/14/2020
beta-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
Chlordane	ND	0.018		mg/Kg-dry	1	4/14/2020
delta-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
Dieldrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan I	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan II	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan sulfate	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin aldehyde	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin ketone	ND	0.0018		mg/Kg-dry	1	4/14/2020
gamma-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
gamma-Chlordane	ND	0.0018		mg/Kg-dry	1	4/14/2020
Heptachlor	ND	0.0018		mg/Kg-dry	1	4/14/2020
Heptachlor epoxide	ND	0.0018		mg/Kg-dry	1	4/14/2020
Methoxychlor	ND	0.0018		mg/Kg-dry	1	4/14/2020
Toxaphene	ND	0.036		mg/Kg-dry	1	4/14/2020
Metals by ICP/MS						
		SW6020A (SW3050B)		Prep Date: 4/14/2020		Analyst: MDT
Aluminum	4900	37		mg/Kg-dry	20	4/14/2020
Antimony	ND	3.7		mg/Kg-dry	20	4/14/2020
Arsenic	66	1.8		mg/Kg-dry	20	4/14/2020
Barium	370	1.8		mg/Kg-dry	20	4/14/2020
Beryllium	ND	0.92		mg/Kg-dry	20	4/14/2020
Cadmium	8.5	0.92		mg/Kg-dry	20	4/14/2020
Calcium	40000	110		mg/Kg-dry	20	4/14/2020
Chromium	130	1.8		mg/Kg-dry	20	4/14/2020
Cobalt	20	1.8		mg/Kg-dry	20	4/14/2020
Copper	300	4.6		mg/Kg-dry	20	4/14/2020
Iron	210000	55		mg/Kg-dry	20	4/14/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers:

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-003

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:20:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-003

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 4/14/2020		Analyst: MDT	
Lead	3500	0.92		mg/Kg-dry	20	4/14/2020
Magnesium	14000	55		mg/Kg-dry	20	4/14/2020
Manganese	1100	1.8		mg/Kg-dry	20	4/14/2020
Nickel	110	1.8		mg/Kg-dry	20	4/14/2020
Potassium	1100	55		mg/Kg-dry	20	4/14/2020
Selenium	ND	1.8		mg/Kg-dry	20	4/14/2020
Silver	ND	1.8		mg/Kg-dry	20	4/14/2020
Sodium	610	110		mg/Kg-dry	20	4/14/2020
Thallium	2.3	1.8		mg/Kg-dry	20	4/14/2020
Vanadium	12	1.8		mg/Kg-dry	20	4/14/2020
Zinc	770	9.2		mg/Kg-dry	20	4/14/2020
Mercury	SW7471B		Prep Date: 4/14/2020		Analyst: LB	
Mercury	0.26	0.021		mg/Kg-dry	1	4/14/2020
Cyanide, Total	SW9012A		Prep Date: 4/14/2020		Analyst: CAB	
Cyanide	ND	0.27		mg/Kg-dry	1	4/14/2020
pH (25 °C)	SW9045C		Prep Date: 4/13/2020		Analyst: JAR	
pH	8.95			pH Units	1	4/13/2020
Percent Moisture	D2974		Prep Date: 4/14/2020		Analyst: FN	
Percent Moisture	9.5	0.2	*	wt%	1	4/14/2020
Asbestos Analysis by TEM	EPA600/R-93/116		Prep Date:		Analyst: RJS	
Chrysotile	<1			%	1	7/13/2020

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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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-004

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:25:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 4/14/2020	Analyst: DM
Acenaphthene	0.067	0.036		mg/Kg-dry	1	4/14/2020
Acenaphthylene	ND	0.036		mg/Kg-dry	1	4/14/2020
Aniline	ND	0.36		mg/Kg-dry	1	4/14/2020
Anthracene	0.12	0.036		mg/Kg-dry	1	4/14/2020
Benz(a)anthracene	0.25	0.036		mg/Kg-dry	1	4/14/2020
Benzidine	ND	0.36		mg/Kg-dry	1	4/14/2020
Benzo(a)pyrene	0.25	0.036		mg/Kg-dry	1	4/14/2020
Benzo(b)fluoranthene	0.24	0.036		mg/Kg-dry	1	4/14/2020
Benzo(g,h,i)perylene	0.19	0.036		mg/Kg-dry	1	4/14/2020
Benzo(k)fluoranthene	0.24	0.036		mg/Kg-dry	1	4/14/2020
Benzoic acid	ND	0.90		mg/Kg-dry	1	4/14/2020
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	4/14/2020
Bis(2-ethylhexyl)phthalate	ND	0.90		mg/Kg-dry	1	4/14/2020
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	4/14/2020
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
Carbazole	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	4/14/2020
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	4/14/2020
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	4/14/2020
Chrysene	0.30	0.036		mg/Kg-dry	1	4/14/2020
Dibenz(a,h)anthracene	0.11	0.036		mg/Kg-dry	1	4/14/2020
Dibenzofuran	ND	0.19		mg/Kg-dry	1	4/14/2020
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	4/14/2020
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	4/14/2020
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	4/14/2020
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
4,6-Dinitro-2-methylphenol	ND	0.36		mg/Kg-dry	1	4/14/2020
2,4-Dinitrophenol	ND	0.90		mg/Kg-dry	1	4/14/2020
2,4-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	4/14/2020
2,6-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	4/14/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers:

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

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H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-004

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:25:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 4/14/2020		Analyst: DM
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Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	4/14/2020
Fluoranthene	0.70	0.036		mg/Kg-dry	1	4/14/2020
Fluorene	0.060	0.036		mg/Kg-dry	1	4/14/2020
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	4/14/2020
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	4/14/2020
Hexachloroethane	ND	0.19		mg/Kg-dry	1	4/14/2020
Indeno(1,2,3-cd)pyrene	0.15	0.036		mg/Kg-dry	1	4/14/2020
Isophorone	ND	0.19		mg/Kg-dry	1	4/14/2020
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	4/14/2020
2-Methylphenol	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Methylphenol	ND	0.19		mg/Kg-dry	1	4/14/2020
Naphthalene	ND	0.036		mg/Kg-dry	1	4/14/2020
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	4/14/2020
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	4/14/2020
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	4/14/2020
4-Nitrophenol	ND	0.36		mg/Kg-dry	1	4/14/2020
Nitrobenzene	ND	0.036		mg/Kg-dry	1	4/14/2020
N-Nitrosodi-n-propylamine	ND	0.036		mg/Kg-dry	1	4/14/2020
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	4/14/2020
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	4/14/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	4/14/2020
Pentachlorophenol	ND	0.073		mg/Kg-dry	1	4/14/2020
Phenanthrene	0.66	0.036		mg/Kg-dry	1	4/14/2020
Phenol	ND	0.19		mg/Kg-dry	1	4/14/2020
Pyrene	0.55	0.036		mg/Kg-dry	1	4/14/2020
Pyridine	ND	0.73		mg/Kg-dry	1	4/14/2020
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	4/14/2020
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	4/14/2020
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	4/14/2020

PCBs	SW8082A (SW3550B)			Prep Date: 4/14/2020		Analyst: GVC
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Aroclor 1016	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1221	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1232	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1242	0.22	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1248	ND	0.088		mg/Kg-dry	1	4/14/2020

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-004

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:25:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs						
	SW8082A (SW3550B)			Prep Date: 4/14/2020		Analyst: GVC
Aroclor 1254	0.13	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1260	ND	0.088		mg/Kg-dry	1	4/14/2020
Pesticides						
	SW8081B (SW3550B)			Prep Date: 4/14/2020		Analyst: GVC
4,4'-DDD	ND	0.0018		mg/Kg-dry	1	4/14/2020
4,4'-DDE	ND	0.0018		mg/Kg-dry	1	4/14/2020
4,4'-DDT	ND	0.0018		mg/Kg-dry	1	4/14/2020
Aldrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
alpha-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
alpha-Chlordane	ND	0.0018		mg/Kg-dry	1	4/14/2020
beta-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
Chlordane	ND	0.018		mg/Kg-dry	1	4/14/2020
delta-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
Dieldrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan I	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan II	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan sulfate	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin aldehyde	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin ketone	ND	0.0018		mg/Kg-dry	1	4/14/2020
gamma-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
gamma-Chlordane	ND	0.0018		mg/Kg-dry	1	4/14/2020
Heptachlor	ND	0.0018		mg/Kg-dry	1	4/14/2020
Heptachlor epoxide	ND	0.0018		mg/Kg-dry	1	4/14/2020
Methoxychlor	ND	0.0018		mg/Kg-dry	1	4/14/2020
Toxaphene	ND	0.036		mg/Kg-dry	1	4/14/2020
Metals by ICP/MS						
	SW6020A (SW3050B)			Prep Date: 4/14/2020		Analyst: MDT
Aluminum	5800	38		mg/Kg-dry	20	4/14/2020
Antimony	ND	3.8		mg/Kg-dry	20	4/14/2020
Arsenic	3.6	1.9		mg/Kg-dry	20	4/14/2020
Barium	230	1.9		mg/Kg-dry	20	4/14/2020
Beryllium	ND	0.94		mg/Kg-dry	20	4/14/2020
Cadmium	4.5	0.94		mg/Kg-dry	20	4/14/2020
Calcium	220000	560		mg/Kg-dry	100	4/14/2020
Chromium	99	1.9		mg/Kg-dry	20	4/14/2020
Cobalt	3.7	1.9		mg/Kg-dry	20	4/14/2020
Copper	23	4.7		mg/Kg-dry	20	4/14/2020
Iron	12000	56		mg/Kg-dry	20	4/14/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

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E - Value above quantitation range

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H - Holding time exceeded

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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-004

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:25:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 4/14/2020		Analyst: MDT	
Lead	97	0.94		mg/Kg-dry	20	4/14/2020
Magnesium	120000	56		mg/Kg-dry	20	4/14/2020
Manganese	470	1.9		mg/Kg-dry	20	4/14/2020
Nickel	12	1.9		mg/Kg-dry	20	4/14/2020
Potassium	880	56		mg/Kg-dry	20	4/14/2020
Selenium	ND	1.9		mg/Kg-dry	20	4/14/2020
Silver	ND	1.9		mg/Kg-dry	20	4/14/2020
Sodium	1000	110		mg/Kg-dry	20	4/14/2020
Thallium	ND	1.9		mg/Kg-dry	20	4/14/2020
Vanadium	15	1.9		mg/Kg-dry	20	4/14/2020
Zinc	200	9.4		mg/Kg-dry	20	4/14/2020
Mercury	SW7471B		Prep Date: 4/14/2020		Analyst: LB	
Mercury	0.076	0.020		mg/Kg-dry	1	4/14/2020
Cyanide, Total	SW9012A		Prep Date: 4/14/2020		Analyst: CAB	
Cyanide	ND	0.28		mg/Kg-dry	1	4/14/2020
pH (25 °C)	SW9045C		Prep Date: 4/13/2020		Analyst: JAR	
pH	11.3			pH Units	1	4/13/2020
Percent Moisture	D2974		Prep Date: 4/14/2020		Analyst: FN	
Percent Moisture	9.4	0.2	*	wt%	1	4/14/2020
Asbestos Analysis by TEM	EPA600/R-93/116		Prep Date:		Analyst: RJS	
Chrysotile	1-2			%	1	7/13/2020

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: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-005

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:35:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 4/14/2020	Analyst: DM
Acenaphthene	ND	0.036		mg/Kg-dry	1	4/14/2020
Acenaphthylene	ND	0.036		mg/Kg-dry	1	4/14/2020
Aniline	ND	0.36		mg/Kg-dry	1	4/14/2020
Anthracene	0.041	0.036		mg/Kg-dry	1	4/14/2020
Benz(a)anthracene	0.091	0.036		mg/Kg-dry	1	4/14/2020
Benzidine	ND	0.36		mg/Kg-dry	1	4/14/2020
Benzo(a)pyrene	0.071	0.036		mg/Kg-dry	1	4/14/2020
Benzo(b)fluoranthene	0.099	0.036		mg/Kg-dry	1	4/14/2020
Benzo(g,h,i)perylene	0.051	0.036		mg/Kg-dry	1	4/14/2020
Benzo(k)fluoranthene	0.061	0.036		mg/Kg-dry	1	4/14/2020
Benzoic acid	ND	0.89		mg/Kg-dry	1	4/14/2020
Benzyl alcohol	ND	0.18		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethoxy)methane	ND	0.18		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethyl)ether	ND	0.18		mg/Kg-dry	1	4/14/2020
Bis(2-ethylhexyl)phthalate	ND	0.89		mg/Kg-dry	1	4/14/2020
4-Bromophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	4/14/2020
Butyl benzyl phthalate	ND	0.18		mg/Kg-dry	1	4/14/2020
Carbazole	ND	0.18		mg/Kg-dry	1	4/14/2020
4-Chloroaniline	ND	0.18		mg/Kg-dry	1	4/14/2020
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	4/14/2020
2-Chloronaphthalene	ND	0.18		mg/Kg-dry	1	4/14/2020
2-Chlorophenol	ND	0.18		mg/Kg-dry	1	4/14/2020
4-Chlorophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	4/14/2020
Chrysene	0.14	0.036		mg/Kg-dry	1	4/14/2020
Dibenz(a,h)anthracene	ND	0.036		mg/Kg-dry	1	4/14/2020
Dibenzofuran	ND	0.18		mg/Kg-dry	1	4/14/2020
1,2-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	4/14/2020
1,3-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	4/14/2020
1,4-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	4/14/2020
3,3'-Dichlorobenzidine	ND	0.18		mg/Kg-dry	1	4/14/2020
2,4-Dichlorophenol	ND	0.18		mg/Kg-dry	1	4/14/2020
Diethyl phthalate	ND	0.18		mg/Kg-dry	1	4/14/2020
2,4-Dimethylphenol	ND	0.18		mg/Kg-dry	1	4/14/2020
Dimethyl phthalate	ND	0.18		mg/Kg-dry	1	4/14/2020
4,6-Dinitro-2-methylphenol	ND	0.36		mg/Kg-dry	1	4/14/2020
2,4-Dinitrophenol	ND	0.89		mg/Kg-dry	1	4/14/2020
2,4-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	4/14/2020
2,6-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	4/14/2020

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

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-005

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:35:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 4/14/2020		Analyst: DM
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Di-n-butyl phthalate	ND	0.18		mg/Kg-dry	1	4/14/2020
Di-n-octyl phthalate	ND	0.18		mg/Kg-dry	1	4/14/2020
Fluoranthene	0.26	0.036		mg/Kg-dry	1	4/14/2020
Fluorene	ND	0.036		mg/Kg-dry	1	4/14/2020
Hexachlorobenzene	ND	0.18		mg/Kg-dry	1	4/14/2020
Hexachlorobutadiene	ND	0.18		mg/Kg-dry	1	4/14/2020
Hexachlorocyclopentadiene	ND	0.18		mg/Kg-dry	1	4/14/2020
Hexachloroethane	ND	0.18		mg/Kg-dry	1	4/14/2020
Indeno(1,2,3-cd)pyrene	0.045	0.036		mg/Kg-dry	1	4/14/2020
Isophorone	ND	0.18		mg/Kg-dry	1	4/14/2020
2-Methylnaphthalene	ND	0.18		mg/Kg-dry	1	4/14/2020
2-Methylphenol	ND	0.18		mg/Kg-dry	1	4/14/2020
4-Methylphenol	ND	0.18		mg/Kg-dry	1	4/14/2020
Naphthalene	ND	0.036		mg/Kg-dry	1	4/14/2020
2-Nitroaniline	ND	0.18		mg/Kg-dry	1	4/14/2020
3-Nitroaniline	ND	0.18		mg/Kg-dry	1	4/14/2020
4-Nitroaniline	ND	0.18		mg/Kg-dry	1	4/14/2020
2-Nitrophenol	ND	0.18		mg/Kg-dry	1	4/14/2020
4-Nitrophenol	ND	0.36		mg/Kg-dry	1	4/14/2020
Nitrobenzene	ND	0.036		mg/Kg-dry	1	4/14/2020
N-Nitrosodi-n-propylamine	ND	0.036		mg/Kg-dry	1	4/14/2020
N-Nitrosodimethylamine	ND	0.18		mg/Kg-dry	1	4/14/2020
N-Nitrosodiphenylamine	ND	0.18		mg/Kg-dry	1	4/14/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.18		mg/Kg-dry	1	4/14/2020
Pentachlorophenol	ND	0.072		mg/Kg-dry	1	4/14/2020
Phenanthrene	0.27	0.036		mg/Kg-dry	1	4/14/2020
Phenol	ND	0.18		mg/Kg-dry	1	4/14/2020
Pyrene	0.17	0.036		mg/Kg-dry	1	4/14/2020
Pyridine	ND	0.72		mg/Kg-dry	1	4/14/2020
1,2,4-Trichlorobenzene	ND	0.18		mg/Kg-dry	1	4/14/2020
2,4,5-Trichlorophenol	ND	0.18		mg/Kg-dry	1	4/14/2020
2,4,6-Trichlorophenol	ND	0.18		mg/Kg-dry	1	4/14/2020

PCBs	SW8082A (SW3550B)			Prep Date: 4/14/2020		Analyst: GVC
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Aroclor 1016	ND	0.085		mg/Kg-dry	1	4/14/2020
Aroclor 1221	ND	0.085		mg/Kg-dry	1	4/14/2020
Aroclor 1232	ND	0.085		mg/Kg-dry	1	4/14/2020
Aroclor 1242	ND	0.085		mg/Kg-dry	1	4/14/2020
Aroclor 1248	ND	0.085		mg/Kg-dry	1	4/14/2020

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

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

Date Printed: April 16, 2020

ANALYTICAL RESULTS

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-005

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:35:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		SW8082A (SW3550B)		Prep Date: 4/14/2020		Analyst: GVC
Aroclor 1254	ND	0.085		mg/Kg-dry	1	4/14/2020
Aroclor 1260	ND	0.085		mg/Kg-dry	1	4/14/2020
Pesticides		SW8081B (SW3550B)		Prep Date: 4/14/2020		Analyst: GVC
4,4'-DDD	ND	0.0017		mg/Kg-dry	1	4/14/2020
4,4'-DDE	ND	0.0017		mg/Kg-dry	1	4/14/2020
4,4'-DDT	ND	0.0017		mg/Kg-dry	1	4/14/2020
Aldrin	ND	0.0017		mg/Kg-dry	1	4/14/2020
alpha-BHC	ND	0.0017		mg/Kg-dry	1	4/14/2020
alpha-Chlordane	ND	0.0017		mg/Kg-dry	1	4/14/2020
beta-BHC	ND	0.0017		mg/Kg-dry	1	4/14/2020
Chlordane	ND	0.017		mg/Kg-dry	1	4/14/2020
delta-BHC	ND	0.0017		mg/Kg-dry	1	4/14/2020
Dieldrin	ND	0.0017		mg/Kg-dry	1	4/14/2020
Endosulfan I	ND	0.0017		mg/Kg-dry	1	4/14/2020
Endosulfan II	ND	0.0017		mg/Kg-dry	1	4/14/2020
Endosulfan sulfate	ND	0.0017		mg/Kg-dry	1	4/14/2020
Endrin	ND	0.0017		mg/Kg-dry	1	4/14/2020
Endrin aldehyde	ND	0.0017		mg/Kg-dry	1	4/14/2020
Endrin ketone	ND	0.0017		mg/Kg-dry	1	4/14/2020
gamma-BHC	ND	0.0017		mg/Kg-dry	1	4/14/2020
gamma-Chlordane	ND	0.0017		mg/Kg-dry	1	4/14/2020
Heptachlor	ND	0.0017		mg/Kg-dry	1	4/14/2020
Heptachlor epoxide	ND	0.0017		mg/Kg-dry	1	4/14/2020
Methoxychlor	ND	0.0017		mg/Kg-dry	1	4/14/2020
Toxaphene	ND	0.035		mg/Kg-dry	1	4/14/2020
Metals by ICP/MS		SW6020A (SW3050B)		Prep Date: 4/14/2020		Analyst: MDT
Aluminum	10000	39		mg/Kg-dry	20	4/14/2020
Antimony	ND	3.9		mg/Kg-dry	20	4/14/2020
Arsenic	6.5	1.9		mg/Kg-dry	20	4/14/2020
Barium	250	1.9		mg/Kg-dry	20	4/14/2020
Beryllium	1.2	0.97		mg/Kg-dry	20	4/14/2020
Cadmium	2.9	0.97		mg/Kg-dry	20	4/14/2020
Calcium	200000	120		mg/Kg-dry	20	4/14/2020
Chromium	27	1.9		mg/Kg-dry	20	4/14/2020
Cobalt	4.3	1.9		mg/Kg-dry	20	4/14/2020
Copper	42	4.8		mg/Kg-dry	20	4/14/2020
Iron	26000	58		mg/Kg-dry	20	4/14/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers:

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-005

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:35:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 4/14/2020		Analyst: MDT	
Lead	510	0.97		mg/Kg-dry	20	4/14/2020
Magnesium	55000	58		mg/Kg-dry	20	4/14/2020
Manganese	1200	1.9		mg/Kg-dry	20	4/14/2020
Nickel	17	1.9		mg/Kg-dry	20	4/14/2020
Potassium	1100	58		mg/Kg-dry	20	4/14/2020
Selenium	ND	1.9		mg/Kg-dry	20	4/14/2020
Silver	ND	1.9		mg/Kg-dry	20	4/14/2020
Sodium	800	120		mg/Kg-dry	20	4/14/2020
Thallium	ND	1.9		mg/Kg-dry	20	4/14/2020
Vanadium	13	1.9		mg/Kg-dry	20	4/14/2020
Zinc	410	9.7		mg/Kg-dry	20	4/14/2020
Mercury	SW7471B		Prep Date: 4/14/2020		Analyst: LB	
Mercury	0.095	0.018		mg/Kg-dry	1	4/14/2020
Cyanide, Total	SW9012A		Prep Date: 4/14/2020		Analyst: CAB	
Cyanide	0.43	0.27		mg/Kg-dry	1	4/14/2020
pH (25 °C)	SW9045C		Prep Date: 4/13/2020		Analyst: JAR	
pH	11.6			pH Units	1	4/13/2020
Percent Moisture	D2974		Prep Date: 4/14/2020		Analyst: FN	
Percent Moisture	8.6	0.2	*	wt%	1	4/14/2020
Asbestos Analysis by TEM	EPA600/R-93/116		Prep Date:		Analyst: RJS	
Chrysotile	1-2			%	1	7/13/2020

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-006

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:45:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-006

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 4/14/2020	Analyst: TEM
Acenaphthene	ND	0.18		mg/Kg-dry	1	4/14/2020
Acenaphthylene	ND	0.18		mg/Kg-dry	1	4/14/2020
Aniline	ND	1.8		mg/Kg-dry	1	4/14/2020
Anthracene	0.30	0.18		mg/Kg-dry	1	4/14/2020
Benz(a)anthracene	0.62	0.18		mg/Kg-dry	1	4/14/2020
Benzidine	ND	1.8		mg/Kg-dry	1	4/14/2020
Benzo(a)pyrene	0.51	0.18		mg/Kg-dry	1	4/14/2020
Benzo(b)fluoranthene	0.54	0.18		mg/Kg-dry	1	4/14/2020
Benzo(g,h,i)perylene	0.34	0.18		mg/Kg-dry	1	4/14/2020
Benzo(k)fluoranthene	0.45	0.18		mg/Kg-dry	1	4/14/2020
Benzoic acid	ND	4.5		mg/Kg-dry	1	4/14/2020
Benzyl alcohol	ND	0.93		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethoxy)methane	ND	0.93		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethyl)ether	ND	0.93		mg/Kg-dry	1	4/14/2020
Bis(2-ethylhexyl)phthalate	ND	4.5		mg/Kg-dry	1	4/14/2020
4-Bromophenyl phenyl ether	ND	0.93		mg/Kg-dry	1	4/14/2020
Butyl benzyl phthalate	ND	0.93		mg/Kg-dry	1	4/14/2020
Carbazole	ND	0.93		mg/Kg-dry	1	4/14/2020
4-Chloroaniline	ND	0.93		mg/Kg-dry	1	4/14/2020
4-Chloro-3-methylphenol	ND	1.8		mg/Kg-dry	1	4/14/2020
2-Chloronaphthalene	ND	0.93		mg/Kg-dry	1	4/14/2020
2-Chlorophenol	ND	0.93		mg/Kg-dry	1	4/14/2020
4-Chlorophenyl phenyl ether	ND	0.93		mg/Kg-dry	1	4/14/2020
Chrysene	0.74	0.18		mg/Kg-dry	1	4/14/2020
Dibenz(a,h)anthracene	ND	0.18		mg/Kg-dry	1	4/14/2020
Dibenzofuran	ND	0.93		mg/Kg-dry	1	4/14/2020
1,2-Dichlorobenzene	ND	0.93		mg/Kg-dry	1	4/14/2020
1,3-Dichlorobenzene	ND	0.93		mg/Kg-dry	1	4/14/2020
1,4-Dichlorobenzene	ND	0.93		mg/Kg-dry	1	4/14/2020
3,3'-Dichlorobenzidine	ND	0.93		mg/Kg-dry	1	4/14/2020
2,4-Dichlorophenol	ND	0.93		mg/Kg-dry	1	4/14/2020
Diethyl phthalate	ND	0.93		mg/Kg-dry	1	4/14/2020
2,4-Dimethylphenol	ND	0.93		mg/Kg-dry	1	4/14/2020
Dimethyl phthalate	ND	0.93		mg/Kg-dry	1	4/14/2020
4,6-Dinitro-2-methylphenol	ND	1.8		mg/Kg-dry	1	4/14/2020
2,4-Dinitrophenol	ND	4.5		mg/Kg-dry	1	4/14/2020
2,4-Dinitrotoluene	ND	0.18		mg/Kg-dry	1	4/14/2020
2,6-Dinitrotoluene	ND	0.18		mg/Kg-dry	1	4/14/2020

Qualifiers:

ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-006

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:45:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-006

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)		Prep Date: 4/14/2020		Analyst: TEM	
Di-n-butyl phthalate	ND	0.93		mg/Kg-dry	1	4/14/2020
Di-n-octyl phthalate	ND	0.93		mg/Kg-dry	1	4/14/2020
Fluoranthene	1.5	0.18		mg/Kg-dry	1	4/14/2020
Fluorene	ND	0.18		mg/Kg-dry	1	4/14/2020
Hexachlorobenzene	ND	0.93		mg/Kg-dry	1	4/14/2020
Hexachlorobutadiene	ND	0.93		mg/Kg-dry	1	4/14/2020
Hexachlorocyclopentadiene	ND	0.93		mg/Kg-dry	1	4/14/2020
Hexachloroethane	ND	0.93		mg/Kg-dry	1	4/14/2020
Indeno(1,2,3-cd)pyrene	0.26	0.18		mg/Kg-dry	1	4/14/2020
Isophorone	ND	0.93		mg/Kg-dry	1	4/14/2020
2-Methylnaphthalene	ND	0.93		mg/Kg-dry	1	4/14/2020
2-Methylphenol	ND	0.93		mg/Kg-dry	1	4/14/2020
4-Methylphenol	ND	0.93		mg/Kg-dry	1	4/14/2020
Naphthalene	ND	0.18		mg/Kg-dry	1	4/14/2020
2-Nitroaniline	ND	0.93		mg/Kg-dry	1	4/14/2020
3-Nitroaniline	ND	0.93		mg/Kg-dry	1	4/14/2020
4-Nitroaniline	ND	0.93		mg/Kg-dry	1	4/14/2020
2-Nitrophenol	ND	0.93		mg/Kg-dry	1	4/14/2020
4-Nitrophenol	ND	1.8		mg/Kg-dry	1	4/14/2020
Nitrobenzene	ND	0.18		mg/Kg-dry	1	4/14/2020
N-Nitrosodi-n-propylamine	ND	0.18		mg/Kg-dry	1	4/14/2020
N-Nitrosodimethylamine	ND	0.93		mg/Kg-dry	1	4/14/2020
N-Nitrosodiphenylamine	ND	0.93		mg/Kg-dry	1	4/14/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.93		mg/Kg-dry	1	4/14/2020
Pentachlorophenol	ND	0.37		mg/Kg-dry	1	4/14/2020
Phenanthrene	1.3	0.18		mg/Kg-dry	1	4/14/2020
Phenol	ND	0.93		mg/Kg-dry	1	4/14/2020
Pyrene	1.2	0.18		mg/Kg-dry	1	4/14/2020
Pyridine	ND	3.7		mg/Kg-dry	1	4/14/2020
1,2,4-Trichlorobenzene	ND	0.93		mg/Kg-dry	1	4/14/2020
2,4,5-Trichlorophenol	ND	0.93		mg/Kg-dry	1	4/14/2020
2,4,6-Trichlorophenol	ND	0.93		mg/Kg-dry	1	4/14/2020

PCBs	SW8082A (SW3550B)		Prep Date: 4/14/2020		Analyst: GVC	
Aroclor 1016	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1221	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1232	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1242	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1248	ND	0.088		mg/Kg-dry	1	4/14/2020

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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RL - Reporting / Quantitation Limit for the analysis
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Date Reported: April 16, 2020

Date Printed: April 16, 2020

ANALYTICAL RESULTS

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-006

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:45:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-006

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs						
	SW8082A (SW3550B)			Prep Date: 4/14/2020		Analyst: GVC
Aroclor 1254	ND	0.088		mg/Kg-dry	1	4/14/2020
Aroclor 1260	ND	0.088		mg/Kg-dry	1	4/14/2020
Pesticides						
	SW8081B (SW3550B)			Prep Date: 4/14/2020		Analyst: GVC
4,4'-DDD	ND	0.0018		mg/Kg-dry	1	4/14/2020
4,4'-DDE	ND	0.0018		mg/Kg-dry	1	4/14/2020
4,4'-DDT	ND	0.0018		mg/Kg-dry	1	4/14/2020
Aldrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
alpha-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
alpha-Chlordane	ND	0.0018		mg/Kg-dry	1	4/14/2020
beta-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
Chlordane	ND	0.018		mg/Kg-dry	1	4/14/2020
delta-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
Dieldrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan I	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan II	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan sulfate	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin aldehyde	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin ketone	ND	0.0018		mg/Kg-dry	1	4/14/2020
gamma-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
gamma-Chlordane	ND	0.0018		mg/Kg-dry	1	4/14/2020
Heptachlor	ND	0.0018		mg/Kg-dry	1	4/14/2020
Heptachlor epoxide	ND	0.0018		mg/Kg-dry	1	4/14/2020
Methoxychlor	ND	0.0018		mg/Kg-dry	1	4/14/2020
Toxaphene	ND	0.036		mg/Kg-dry	1	4/14/2020
Metals by ICP/MS						
	SW6020A (SW3050B)			Prep Date: 4/14/2020		Analyst: MDT
Aluminum	13000	40		mg/Kg-dry	20	4/14/2020
Antimony	ND	4.0		mg/Kg-dry	20	4/14/2020
Arsenic	8.3	2.0		mg/Kg-dry	20	4/14/2020
Barium	240	2.0		mg/Kg-dry	20	4/14/2020
Beryllium	1.1	0.99		mg/Kg-dry	20	4/14/2020
Cadmium	2.3	0.99		mg/Kg-dry	20	4/14/2020
Calcium	160000	120		mg/Kg-dry	20	4/14/2020
Chromium	28	2.0		mg/Kg-dry	20	4/14/2020
Cobalt	5.2	2.0		mg/Kg-dry	20	4/14/2020
Copper	76	5.0		mg/Kg-dry	20	4/14/2020
Iron	29000	59		mg/Kg-dry	20	4/14/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-006

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:45:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-006

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)			Prep Date: 4/14/2020		Analyst: MDT
Lead	180	0.99		mg/Kg-dry	20	4/14/2020
Magnesium	42000	59		mg/Kg-dry	20	4/14/2020
Manganese	1000	2.0		mg/Kg-dry	20	4/14/2020
Nickel	21	2.0		mg/Kg-dry	20	4/14/2020
Potassium	1600	59		mg/Kg-dry	20	4/14/2020
Selenium	ND	2.0		mg/Kg-dry	20	4/14/2020
Silver	ND	2.0		mg/Kg-dry	20	4/14/2020
Sodium	1100	120		mg/Kg-dry	20	4/14/2020
Thallium	ND	2.0		mg/Kg-dry	20	4/14/2020
Vanadium	19	2.0		mg/Kg-dry	20	4/14/2020
Zinc	800	9.9		mg/Kg-dry	20	4/14/2020
Mercury	SW7471B			Prep Date: 4/14/2020		Analyst: LB
Mercury	0.11	0.019		mg/Kg-dry	1	4/14/2020
Cyanide, Total	SW9012A			Prep Date: 4/14/2020		Analyst: CAB
Cyanide	ND	0.28		mg/Kg-dry	1	4/14/2020
pH (25 °C)	SW9045C			Prep Date: 4/13/2020		Analyst: JAR
pH	11.0			pH Units	1	4/13/2020
Percent Moisture	D2974			Prep Date: 4/14/2020		Analyst: FN
Percent Moisture	9.7	0.2	*	wt%	1	4/14/2020
Asbestos Analysis by TEM	EPA600/R-93/116			Prep Date:		Analyst: RJS
Chrysotile	<1			%	1	7/13/2020

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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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-007

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:55:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-007

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)					Prep Date: 4/14/2020 Analyst: TEM
Acenaphthene	0.16	0.039		mg/Kg-dry	1	4/14/2020
Acenaphthylene	ND	0.039		mg/Kg-dry	1	4/14/2020
Aniline	ND	0.40		mg/Kg-dry	1	4/14/2020
Anthracene	0.26	0.039		mg/Kg-dry	1	4/14/2020
Benz(a)anthracene	0.48	0.039		mg/Kg-dry	1	4/14/2020
Benzidine	ND	0.39		mg/Kg-dry	1	4/14/2020
Benzo(a)pyrene	0.36	0.039		mg/Kg-dry	1	4/14/2020
Benzo(b)fluoranthene	0.34	0.039		mg/Kg-dry	1	4/14/2020
Benzo(g,h,i)perylene	0.24	0.039		mg/Kg-dry	1	4/14/2020
Benzo(k)fluoranthene	0.34	0.039		mg/Kg-dry	1	4/14/2020
Benzoic acid	ND	0.99		mg/Kg-dry	1	4/14/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	4/14/2020
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	4/14/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	4/14/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
Carbazole	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	4/14/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	4/14/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	4/14/2020
Chrysene	0.53	0.039		mg/Kg-dry	1	4/14/2020
Dibenz(a,h)anthracene	0.13	0.039		mg/Kg-dry	1	4/14/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	4/14/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	4/14/2020
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	4/14/2020
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	4/14/2020
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	4/14/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers:

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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HT - Sample received past holding time

E - Value above quantitation range

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-007

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:55:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-007

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)		Prep Date: 4/14/2020		Analyst: TEM	
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
Fluoranthene	1.2	0.039		mg/Kg-dry	1	4/14/2020
Fluorene	0.14	0.039		mg/Kg-dry	1	4/14/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	4/14/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	4/14/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	4/14/2020
Indeno(1,2,3-cd)pyrene	0.19	0.039		mg/Kg-dry	1	4/14/2020
Isophorone	ND	0.20		mg/Kg-dry	1	4/14/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	4/14/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Naphthalene	0.045	0.039		mg/Kg-dry	1	4/14/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	4/14/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	4/14/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	4/14/2020
Nitrobenzene	ND	0.039		mg/Kg-dry	1	4/14/2020
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	4/14/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	4/14/2020
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	4/14/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	4/14/2020
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	4/14/2020
Phenanthrene	1.2	0.039		mg/Kg-dry	1	4/14/2020
Phenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Pyrene	0.98	0.039		mg/Kg-dry	1	4/14/2020
Pyridine	ND	0.80		mg/Kg-dry	1	4/14/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020

PCBs	SW8082A (SW3550B)		Prep Date: 4/14/2020		Analyst: GVC	
Aroclor 1016	ND	0.094		mg/Kg-dry	1	4/14/2020
Aroclor 1221	ND	0.094		mg/Kg-dry	1	4/14/2020
Aroclor 1232	ND	0.094		mg/Kg-dry	1	4/14/2020
Aroclor 1242	ND	0.094		mg/Kg-dry	1	4/14/2020
Aroclor 1248	ND	0.094		mg/Kg-dry	1	4/14/2020

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-007

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:55:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-007

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs						
	SW8082A (SW3550B)			Prep Date: 4/14/2020		Analyst: GVC
Aroclor 1254	ND	0.094		mg/Kg-dry	1	4/14/2020
Aroclor 1260	ND	0.094		mg/Kg-dry	1	4/14/2020
Pesticides						
	SW8081B (SW3550B)			Prep Date: 4/14/2020		Analyst: GVC
4,4'-DDD	ND	0.0019		mg/Kg-dry	1	4/14/2020
4,4'-DDE	ND	0.0019		mg/Kg-dry	1	4/14/2020
4,4'-DDT	ND	0.0019		mg/Kg-dry	1	4/14/2020
Aldrin	ND	0.0019		mg/Kg-dry	1	4/14/2020
alpha-BHC	ND	0.0019		mg/Kg-dry	1	4/14/2020
alpha-Chlordane	ND	0.0019		mg/Kg-dry	1	4/14/2020
beta-BHC	ND	0.0019		mg/Kg-dry	1	4/14/2020
Chlordane	ND	0.019		mg/Kg-dry	1	4/14/2020
delta-BHC	ND	0.0019		mg/Kg-dry	1	4/14/2020
Dieldrin	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endosulfan I	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endosulfan II	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endosulfan sulfate	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endrin	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endrin aldehyde	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endrin ketone	ND	0.0019		mg/Kg-dry	1	4/14/2020
gamma-BHC	ND	0.0019		mg/Kg-dry	1	4/14/2020
gamma-Chlordane	ND	0.0019		mg/Kg-dry	1	4/14/2020
Heptachlor	ND	0.0019		mg/Kg-dry	1	4/14/2020
Heptachlor epoxide	ND	0.0019		mg/Kg-dry	1	4/14/2020
Methoxychlor	ND	0.0019		mg/Kg-dry	1	4/14/2020
Toxaphene	ND	0.039		mg/Kg-dry	1	4/14/2020
Metals by ICP/MS						
	SW6020A (SW3050B)			Prep Date: 4/14/2020		Analyst: MDT
Aluminum	11000	43		mg/Kg-dry	20	4/14/2020
Antimony	ND	4.3		mg/Kg-dry	20	4/14/2020
Arsenic	7.1	2.2		mg/Kg-dry	20	4/14/2020
Barium	340	2.2		mg/Kg-dry	20	4/14/2020
Beryllium	ND	1.1		mg/Kg-dry	20	4/14/2020
Cadmium	2.6	1.1		mg/Kg-dry	20	4/14/2020
Calcium	180000	130		mg/Kg-dry	20	4/14/2020
Chromium	29	2.2		mg/Kg-dry	20	4/14/2020
Cobalt	4.5	2.2		mg/Kg-dry	20	4/14/2020
Copper	70	5.4		mg/Kg-dry	20	4/14/2020
Iron	20000	65		mg/Kg-dry	20	4/14/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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E - Value above quantitation range

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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-007

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 12:55:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-007

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 4/14/2020		Analyst: MDT	
Lead	250	1.1		mg/Kg-dry	20	4/14/2020
Magnesium	72000	65		mg/Kg-dry	20	4/14/2020
Manganese	750	2.2		mg/Kg-dry	20	4/14/2020
Nickel	18	2.2		mg/Kg-dry	20	4/14/2020
Potassium	1400	65		mg/Kg-dry	20	4/14/2020
Selenium	ND	2.2		mg/Kg-dry	20	4/14/2020
Silver	ND	2.2		mg/Kg-dry	20	4/14/2020
Sodium	1400	130		mg/Kg-dry	20	4/14/2020
Thallium	ND	2.2		mg/Kg-dry	20	4/14/2020
Vanadium	20	2.2		mg/Kg-dry	20	4/14/2020
Zinc	310	11		mg/Kg-dry	20	4/14/2020
Mercury	SW7471B		Prep Date: 4/14/2020		Analyst: LB	
Mercury	0.16	0.023		mg/Kg-dry	1	4/14/2020
Cyanide, Total	SW9012A		Prep Date: 4/14/2020		Analyst: CAB	
Cyanide	0.38	0.29		mg/Kg-dry	1	4/14/2020
pH (25 °C)	SW9045C		Prep Date: 4/13/2020		Analyst: JAR	
pH	10.8			pH Units	1	4/13/2020
Percent Moisture	D2974		Prep Date: 4/14/2020		Analyst: FN	
Percent Moisture	16.3	0.2	*	wt%	1	4/14/2020
Asbestos Analysis by TEM	EPA600/R-93/116		Prep Date:		Analyst: RJS	
Chrysotile	<1			%	1	7/13/2020

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: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-008

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 1:00:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-008

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 4/14/2020	Analyst: TEM
Acenaphthene	0.25	0.043		mg/Kg-dry	1	4/14/2020
Acenaphthylene	ND	0.043		mg/Kg-dry	1	4/14/2020
Aniline	ND	0.43		mg/Kg-dry	1	4/14/2020
Anthracene	0.50	0.043		mg/Kg-dry	1	4/14/2020
Benz(a)anthracene	0.99	0.043		mg/Kg-dry	1	4/14/2020
Benzidine	ND	0.43		mg/Kg-dry	1	4/14/2020
Benzo(a)pyrene	0.70	0.043		mg/Kg-dry	1	4/14/2020
Benzo(b)fluoranthene	0.84	0.043		mg/Kg-dry	1	4/14/2020
Benzo(g,h,i)perylene	0.48	0.043		mg/Kg-dry	1	4/14/2020
Benzo(k)fluoranthene	0.59	0.043		mg/Kg-dry	1	4/14/2020
Benzoic acid	ND	1.1		mg/Kg-dry	1	4/14/2020
Benzyl alcohol	ND	0.22		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethoxy)methane	ND	0.22		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethyl)ether	ND	0.22		mg/Kg-dry	1	4/14/2020
Bis(2-ethylhexyl)phthalate	ND	1.1		mg/Kg-dry	1	4/14/2020
4-Bromophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	4/14/2020
Butyl benzyl phthalate	ND	0.22		mg/Kg-dry	1	4/14/2020
Carbazole	0.28	0.22		mg/Kg-dry	1	4/14/2020
4-Chloroaniline	ND	0.22		mg/Kg-dry	1	4/14/2020
4-Chloro-3-methylphenol	ND	0.43		mg/Kg-dry	1	4/14/2020
2-Chloronaphthalene	ND	0.22		mg/Kg-dry	1	4/14/2020
2-Chlorophenol	ND	0.22		mg/Kg-dry	1	4/14/2020
4-Chlorophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	4/14/2020
Chrysene	1.1	0.043		mg/Kg-dry	1	4/14/2020
Dibenz(a,h)anthracene	0.27	0.043		mg/Kg-dry	1	4/14/2020
Dibenzofuran	ND	0.22		mg/Kg-dry	1	4/14/2020
1,2-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	4/14/2020
1,3-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	4/14/2020
1,4-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	4/14/2020
3,3'-Dichlorobenzidine	ND	0.22		mg/Kg-dry	1	4/14/2020
2,4-Dichlorophenol	ND	0.22		mg/Kg-dry	1	4/14/2020
Diethyl phthalate	ND	0.22		mg/Kg-dry	1	4/14/2020
2,4-Dimethylphenol	ND	0.22		mg/Kg-dry	1	4/14/2020
Dimethyl phthalate	ND	0.22		mg/Kg-dry	1	4/14/2020
4,6-Dinitro-2-methylphenol	ND	0.43		mg/Kg-dry	1	4/14/2020
2,4-Dinitrophenol	ND	1.1		mg/Kg-dry	1	4/14/2020
2,4-Dinitrotoluene	ND	0.043		mg/Kg-dry	1	4/14/2020
2,6-Dinitrotoluene	ND	0.043		mg/Kg-dry	1	4/14/2020

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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STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-008

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 1:00:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-008

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)		Prep Date: 4/14/2020		Analyst: TEM	
Di-n-butyl phthalate	ND	0.22		mg/Kg-dry	1	4/14/2020
Di-n-octyl phthalate	ND	0.22		mg/Kg-dry	1	4/14/2020
Fluoranthene	2.5	0.043		mg/Kg-dry	1	4/14/2020
Fluorene	0.24	0.043		mg/Kg-dry	1	4/14/2020
Hexachlorobenzene	ND	0.22		mg/Kg-dry	1	4/14/2020
Hexachlorobutadiene	ND	0.22		mg/Kg-dry	1	4/14/2020
Hexachlorocyclopentadiene	ND	0.22		mg/Kg-dry	1	4/14/2020
Hexachloroethane	ND	0.22		mg/Kg-dry	1	4/14/2020
Indeno(1,2,3-cd)pyrene	0.43	0.043		mg/Kg-dry	1	4/14/2020
Isophorone	ND	0.22		mg/Kg-dry	1	4/14/2020
2-Methylnaphthalene	ND	0.22		mg/Kg-dry	1	4/14/2020
2-Methylphenol	ND	0.22		mg/Kg-dry	1	4/14/2020
4-Methylphenol	ND	0.22		mg/Kg-dry	1	4/14/2020
Naphthalene	0.081	0.043		mg/Kg-dry	1	4/14/2020
2-Nitroaniline	ND	0.22		mg/Kg-dry	1	4/14/2020
3-Nitroaniline	ND	0.22		mg/Kg-dry	1	4/14/2020
4-Nitroaniline	ND	0.22		mg/Kg-dry	1	4/14/2020
2-Nitrophenol	ND	0.22		mg/Kg-dry	1	4/14/2020
4-Nitrophenol	ND	0.43		mg/Kg-dry	1	4/14/2020
Nitrobenzene	ND	0.043		mg/Kg-dry	1	4/14/2020
N-Nitrosodi-n-propylamine	ND	0.043		mg/Kg-dry	1	4/14/2020
N-Nitrosodimethylamine	ND	0.22		mg/Kg-dry	1	4/14/2020
N-Nitrosodiphenylamine	ND	0.22		mg/Kg-dry	1	4/14/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.22		mg/Kg-dry	1	4/14/2020
Pentachlorophenol	ND	0.087		mg/Kg-dry	1	4/14/2020
Phenanthrene	3.1	0.043		mg/Kg-dry	1	4/14/2020
Phenol	ND	0.22		mg/Kg-dry	1	4/14/2020
Pyrene	2.0	0.043		mg/Kg-dry	1	4/14/2020
Pyridine	ND	0.87		mg/Kg-dry	1	4/14/2020
1,2,4-Trichlorobenzene	ND	0.22		mg/Kg-dry	1	4/14/2020
2,4,5-Trichlorophenol	ND	0.22		mg/Kg-dry	1	4/14/2020
2,4,6-Trichlorophenol	ND	0.22		mg/Kg-dry	1	4/14/2020

PCBs	SW8082A (SW3550B)		Prep Date: 4/14/2020		Analyst: GVC	
Aroclor 1016	ND	0.10		mg/Kg-dry	1	4/14/2020
Aroclor 1221	ND	0.10		mg/Kg-dry	1	4/14/2020
Aroclor 1232	ND	0.10		mg/Kg-dry	1	4/14/2020
Aroclor 1242	ND	0.10		mg/Kg-dry	1	4/14/2020
Aroclor 1248	ND	0.10		mg/Kg-dry	1	4/14/2020

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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STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-008

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 1:00:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-008

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		SW8082A (SW3550B)		Prep Date: 4/14/2020		Analyst: GVC
Aroclor 1254	ND	0.10		mg/Kg-dry	1	4/14/2020
Aroclor 1260	ND	0.10		mg/Kg-dry	1	4/14/2020
Pesticides		SW8081B (SW3550B)		Prep Date: 4/14/2020		Analyst: GVC
4,4'-DDD	ND	0.0021		mg/Kg-dry	1	4/14/2020
4,4'-DDE	ND	0.0021		mg/Kg-dry	1	4/14/2020
4,4'-DDT	ND	0.0021		mg/Kg-dry	1	4/14/2020
Aldrin	ND	0.0021		mg/Kg-dry	1	4/14/2020
alpha-BHC	ND	0.0021		mg/Kg-dry	1	4/14/2020
alpha-Chlordane	ND	0.0021		mg/Kg-dry	1	4/14/2020
beta-BHC	ND	0.0021		mg/Kg-dry	1	4/14/2020
Chlordane	ND	0.021		mg/Kg-dry	1	4/14/2020
delta-BHC	ND	0.0021		mg/Kg-dry	1	4/14/2020
Dieldrin	ND	0.0021		mg/Kg-dry	1	4/14/2020
Endosulfan I	ND	0.0021		mg/Kg-dry	1	4/14/2020
Endosulfan II	ND	0.0021		mg/Kg-dry	1	4/14/2020
Endosulfan sulfate	ND	0.0021		mg/Kg-dry	1	4/14/2020
Endrin	ND	0.0021		mg/Kg-dry	1	4/14/2020
Endrin aldehyde	ND	0.0021		mg/Kg-dry	1	4/14/2020
Endrin ketone	ND	0.0021		mg/Kg-dry	1	4/14/2020
gamma-BHC	ND	0.0021		mg/Kg-dry	1	4/14/2020
gamma-Chlordane	ND	0.0021		mg/Kg-dry	1	4/14/2020
Heptachlor	ND	0.0021		mg/Kg-dry	1	4/14/2020
Heptachlor epoxide	ND	0.0021		mg/Kg-dry	1	4/14/2020
Methoxychlor	ND	0.0021		mg/Kg-dry	1	4/14/2020
Toxaphene	ND	0.043		mg/Kg-dry	1	4/14/2020
Metals by ICP/MS		SW6020A (SW3050B)		Prep Date: 4/14/2020		Analyst: MDT
Aluminum	11000	46		mg/Kg-dry	20	4/14/2020
Antimony	ND	4.6		mg/Kg-dry	20	4/14/2020
Arsenic	5.8	2.3		mg/Kg-dry	20	4/14/2020
Barium	390	2.3		mg/Kg-dry	20	4/14/2020
Beryllium	ND	1.2		mg/Kg-dry	20	4/14/2020
Cadmium	2.8	1.2		mg/Kg-dry	20	4/14/2020
Calcium	210000	140		mg/Kg-dry	20	4/14/2020
Chromium	32	2.3		mg/Kg-dry	20	4/14/2020
Cobalt	4.7	2.3		mg/Kg-dry	20	4/14/2020
Copper	68	5.8		mg/Kg-dry	20	4/14/2020
Iron	21000	69		mg/Kg-dry	20	4/14/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-008

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 1:00:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-008

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 4/14/2020		Analyst: MDT	
Lead	180	1.2		mg/Kg-dry	20	4/14/2020
Magnesium	66000	69		mg/Kg-dry	20	4/14/2020
Manganese	940	2.3		mg/Kg-dry	20	4/14/2020
Nickel	18	2.3		mg/Kg-dry	20	4/14/2020
Potassium	1300	69		mg/Kg-dry	20	4/14/2020
Selenium	3.5	2.3		mg/Kg-dry	20	4/14/2020
Silver	ND	2.3		mg/Kg-dry	20	4/14/2020
Sodium	1600	140		mg/Kg-dry	20	4/14/2020
Thallium	ND	2.3		mg/Kg-dry	20	4/14/2020
Vanadium	21	2.3		mg/Kg-dry	20	4/14/2020
Zinc	300	12		mg/Kg-dry	20	4/14/2020
Mercury	SW7471B		Prep Date: 4/14/2020		Analyst: LB	
Mercury	0.16	0.022		mg/Kg-dry	1	4/14/2020
Cyanide, Total	SW9012A		Prep Date: 4/14/2020		Analyst: CAB	
Cyanide	ND	0.33		mg/Kg-dry	1	4/14/2020
pH (25 °C)	SW9045C		Prep Date: 4/13/2020		Analyst: JAR	
pH	10.9			pH Units	1	4/13/2020
Percent Moisture	D2974		Prep Date: 4/14/2020		Analyst: FN	
Percent Moisture	23.1	0.2	*	wt%	1	4/14/2020
Asbestos Analysis by TEM	EPA600/R-93/116		Prep Date:		Analyst: RJS	
Chrysotile	<1			%	1	7/13/2020

Qualifiers:
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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-009

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 1:10:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-009

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)					Prep Date: 4/14/2020 Analyst: TEM
Acenaphthene	0.26	0.038		mg/Kg-dry	1	4/14/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	4/14/2020
Aniline	ND	0.39		mg/Kg-dry	1	4/14/2020
Anthracene	0.55	0.038		mg/Kg-dry	1	4/14/2020
Benz(a)anthracene	1.7	0.038		mg/Kg-dry	1	4/14/2020
Benzidine	ND	0.38		mg/Kg-dry	1	4/14/2020
Benzo(a)pyrene	1.5	0.038		mg/Kg-dry	1	4/14/2020
Benzo(b)fluoranthene	1.8	0.038		mg/Kg-dry	1	4/14/2020
Benzo(g,h,i)perylene	1.1	0.038		mg/Kg-dry	1	4/14/2020
Benzo(k)fluoranthene	1.3	0.038		mg/Kg-dry	1	4/14/2020
Benzoic acid	ND	0.96		mg/Kg-dry	1	4/14/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	4/14/2020
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	4/14/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	4/14/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
Carbazole	0.36	0.20		mg/Kg-dry	1	4/14/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	4/14/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	4/14/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	4/14/2020
Chrysene	2.0	0.038		mg/Kg-dry	1	4/14/2020
Dibenz(a,h)anthracene	0.60	0.038		mg/Kg-dry	1	4/14/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	4/14/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	4/14/2020
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	4/14/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	4/14/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	4/14/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers:

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-009

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 1:10:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-009

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 4/14/2020	Analyst: TEM
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Di-n-butyl phthalate	ND	0.20	mg/Kg-dry	1	4/14/2020
Di-n-octyl phthalate	ND	0.20	mg/Kg-dry	1	4/14/2020
Fluoranthene	3.2	0.038	mg/Kg-dry	1	4/14/2020
Fluorene	0.24	0.038	mg/Kg-dry	1	4/14/2020
Hexachlorobenzene	ND	0.20	mg/Kg-dry	1	4/14/2020
Hexachlorobutadiene	ND	0.20	mg/Kg-dry	1	4/14/2020
Hexachlorocyclopentadiene	ND	0.20	mg/Kg-dry	1	4/14/2020
Hexachloroethane	ND	0.20	mg/Kg-dry	1	4/14/2020
Indeno(1,2,3-cd)pyrene	0.99	0.038	mg/Kg-dry	1	4/14/2020
Isophorone	ND	0.20	mg/Kg-dry	1	4/14/2020
2-Methylnaphthalene	ND	0.20	mg/Kg-dry	1	4/14/2020
2-Methylphenol	ND	0.20	mg/Kg-dry	1	4/14/2020
4-Methylphenol	ND	0.20	mg/Kg-dry	1	4/14/2020
Naphthalene	0.085	0.038	mg/Kg-dry	1	4/14/2020
2-Nitroaniline	ND	0.20	mg/Kg-dry	1	4/14/2020
3-Nitroaniline	ND	0.20	mg/Kg-dry	1	4/14/2020
4-Nitroaniline	ND	0.20	mg/Kg-dry	1	4/14/2020
2-Nitrophenol	ND	0.20	mg/Kg-dry	1	4/14/2020
4-Nitrophenol	ND	0.38	mg/Kg-dry	1	4/14/2020
Nitrobenzene	ND	0.038	mg/Kg-dry	1	4/14/2020
N-Nitrosodi-n-propylamine	ND	0.038	mg/Kg-dry	1	4/14/2020
N-Nitrosodimethylamine	ND	0.20	mg/Kg-dry	1	4/14/2020
N-Nitrosodiphenylamine	ND	0.20	mg/Kg-dry	1	4/14/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20	mg/Kg-dry	1	4/14/2020
Pentachlorophenol	ND	0.078	mg/Kg-dry	1	4/14/2020
Phenanthrene	2.5	0.038	mg/Kg-dry	1	4/14/2020
Phenol	ND	0.20	mg/Kg-dry	1	4/14/2020
Pyrene	2.6	0.038	mg/Kg-dry	1	4/14/2020
Pyridine	ND	0.78	mg/Kg-dry	1	4/14/2020
1,2,4-Trichlorobenzene	ND	0.20	mg/Kg-dry	1	4/14/2020
2,4,5-Trichlorophenol	ND	0.20	mg/Kg-dry	1	4/14/2020
2,4,6-Trichlorophenol	ND	0.20	mg/Kg-dry	1	4/14/2020

PCBs	SW8082A (SW3550B)	Prep Date: 4/14/2020	Analyst: GVC
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Aroclor 1016	ND	0.091	mg/Kg-dry	1	4/14/2020
Aroclor 1221	ND	0.091	mg/Kg-dry	1	4/14/2020
Aroclor 1232	ND	0.091	mg/Kg-dry	1	4/14/2020
Aroclor 1242	ND	0.091	mg/Kg-dry	1	4/14/2020
Aroclor 1248	ND	0.091	mg/Kg-dry	1	4/14/2020

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

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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-009

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 1:10:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-009

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs						
	SW8082A (SW3550B)			Prep Date: 4/14/2020		Analyst: GVC
Aroclor 1254	ND	0.091		mg/Kg-dry	1	4/14/2020
Aroclor 1260	ND	0.091		mg/Kg-dry	1	4/14/2020
Pesticides						
	SW8081B (SW3550B)			Prep Date: 4/14/2020		Analyst: GVC
4,4'-DDD	ND	0.0018		mg/Kg-dry	1	4/14/2020
4,4'-DDE	ND	0.0018		mg/Kg-dry	1	4/14/2020
4,4'-DDT	ND	0.0018		mg/Kg-dry	1	4/14/2020
Aldrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
alpha-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
alpha-Chlordane	ND	0.0018		mg/Kg-dry	1	4/14/2020
beta-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
Chlordane	ND	0.018		mg/Kg-dry	1	4/14/2020
delta-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
Dieldrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan I	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan II	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endosulfan sulfate	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin aldehyde	ND	0.0018		mg/Kg-dry	1	4/14/2020
Endrin ketone	ND	0.0018		mg/Kg-dry	1	4/14/2020
gamma-BHC	ND	0.0018		mg/Kg-dry	1	4/14/2020
gamma-Chlordane	ND	0.0018		mg/Kg-dry	1	4/14/2020
Heptachlor	ND	0.0018		mg/Kg-dry	1	4/14/2020
Heptachlor epoxide	ND	0.0018		mg/Kg-dry	1	4/14/2020
Methoxychlor	ND	0.0018		mg/Kg-dry	1	4/14/2020
Toxaphene	ND	0.038		mg/Kg-dry	1	4/14/2020
Metals by ICP/MS						
	SW6020A (SW3050B)			Prep Date: 4/14/2020		Analyst: MDT
Aluminum	11000	42		mg/Kg-dry	20	4/14/2020
Antimony	ND	4.2		mg/Kg-dry	20	4/14/2020
Arsenic	9.9	2.1		mg/Kg-dry	20	4/14/2020
Barium	420	2.1		mg/Kg-dry	20	4/14/2020
Beryllium	1.1	1.0		mg/Kg-dry	20	4/14/2020
Cadmium	3.8	1.0		mg/Kg-dry	20	4/14/2020
Calcium	150000	130		mg/Kg-dry	20	4/14/2020
Chromium	43	2.1		mg/Kg-dry	20	4/14/2020
Cobalt	5.6	2.1		mg/Kg-dry	20	4/14/2020
Copper	72	5.2		mg/Kg-dry	20	4/14/2020
Iron	49000	63		mg/Kg-dry	20	4/14/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers:

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

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H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 16, 2020

Date Printed: April 16, 2020

ANALYTICAL RESULTS

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-009

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 1:10:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-009

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 4/14/2020		Analyst: MDT	
Lead	190	1.0		mg/Kg-dry	20	4/14/2020
Magnesium	58000	63		mg/Kg-dry	20	4/14/2020
Manganese	880	2.1		mg/Kg-dry	20	4/14/2020
Nickel	25	2.1		mg/Kg-dry	20	4/14/2020
Potassium	1100	63		mg/Kg-dry	20	4/14/2020
Selenium	3.1	2.1		mg/Kg-dry	20	4/14/2020
Silver	ND	2.1		mg/Kg-dry	20	4/14/2020
Sodium	2100	130		mg/Kg-dry	20	4/14/2020
Thallium	ND	2.1		mg/Kg-dry	20	4/14/2020
Vanadium	30	2.1		mg/Kg-dry	20	4/14/2020
Zinc	390	10		mg/Kg-dry	20	4/14/2020
Mercury	SW7471B		Prep Date: 4/14/2020		Analyst: LB	
Mercury	0.11	0.019		mg/Kg-dry	1	4/14/2020
Cyanide, Total	SW9012A		Prep Date: 4/14/2020		Analyst: CAB	
Cyanide	ND	0.29		mg/Kg-dry	1	4/14/2020
pH (25 °C)	SW9045C		Prep Date: 4/13/2020		Analyst: JAR	
pH	9.56			pH Units	1	4/13/2020
Percent Moisture	D2974		Prep Date: 4/14/2020		Analyst: FN	
Percent Moisture	14.2	0.2	*	wt%	1	4/14/2020
Asbestos Analysis by TEM	EPA600/R-93/116		Prep Date:		Analyst: RJS	
Asbestos Components	ND			%	1	7/13/2020

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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-010

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 1:15:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-010

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)		Prep Date: 4/14/2020		Analyst: TEM	
Acenaphthene	0.21	0.040		mg/Kg-dry	1	4/14/2020
Acenaphthylene	ND	0.040		mg/Kg-dry	1	4/14/2020
Aniline	ND	0.40		mg/Kg-dry	1	4/14/2020
Anthracene	0.39	0.040		mg/Kg-dry	1	4/14/2020
Benz(a)anthracene	1.2	0.040		mg/Kg-dry	1	4/14/2020
Benzidine	ND	0.40		mg/Kg-dry	1	4/14/2020
Benzo(a)pyrene	1.2	0.040		mg/Kg-dry	1	4/14/2020
Benzo(b)fluoranthene	1.2	0.040		mg/Kg-dry	1	4/14/2020
Benzo(g,h,i)perylene	0.82	0.040		mg/Kg-dry	1	4/14/2020
Benzo(k)fluoranthene	0.97	0.040		mg/Kg-dry	1	4/14/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	4/14/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	4/14/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	4/14/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	4/14/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	4/14/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
Carbazole	0.23	0.20		mg/Kg-dry	1	4/14/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	4/14/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	4/14/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	4/14/2020
Chrysene	1.4	0.040		mg/Kg-dry	1	4/14/2020
Dibenz(a,h)anthracene	0.41	0.040		mg/Kg-dry	1	4/14/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	4/14/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	4/14/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	4/14/2020
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	4/14/2020
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	4/14/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-010

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 1:15:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-010

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 4/14/2020		Analyst: TEM
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	4/14/2020
Fluoranthene	2.9	0.040		mg/Kg-dry	1	4/14/2020
Fluorene	0.20	0.040		mg/Kg-dry	1	4/14/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	4/14/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	4/14/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	4/14/2020
Indeno(1,2,3-cd)pyrene	0.75	0.040		mg/Kg-dry	1	4/14/2020
Isophorone	ND	0.20		mg/Kg-dry	1	4/14/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	4/14/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Naphthalene	0.044	0.040		mg/Kg-dry	1	4/14/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	4/14/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	4/14/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	4/14/2020
Nitrobenzene	ND	0.040		mg/Kg-dry	1	4/14/2020
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	4/14/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	4/14/2020
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	4/14/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	4/14/2020
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	4/14/2020
Phenanthrene	2.3	0.040		mg/Kg-dry	1	4/14/2020
Phenol	ND	0.20		mg/Kg-dry	1	4/14/2020
Pyrene	2.3	0.040		mg/Kg-dry	1	4/14/2020
Pyridine	ND	0.80		mg/Kg-dry	1	4/14/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	4/14/2020
PCBs		SW8082A (SW3550B)		Prep Date: 4/14/2020		Analyst: GVC
Aroclor 1016	ND	0.096		mg/Kg-dry	1	4/14/2020
Aroclor 1221	ND	0.096		mg/Kg-dry	1	4/14/2020
Aroclor 1232	ND	0.096		mg/Kg-dry	1	4/14/2020
Aroclor 1242	ND	0.096		mg/Kg-dry	1	4/14/2020
Aroclor 1248	ND	0.096		mg/Kg-dry	1	4/14/2020

Qualifiers:
 ND - Not Detected at the Reporting Limit
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Date Reported: April 16, 2020

ANALYTICAL RESULTS

Date Printed: April 16, 2020

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-010

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 1:15:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-010

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs						
	SW8082A (SW3550B)			Prep Date: 4/14/2020		Analyst: GVC
Aroclor 1254	ND	0.096		mg/Kg-dry	1	4/14/2020
Aroclor 1260	ND	0.096		mg/Kg-dry	1	4/14/2020
Pesticides						
	SW8081B (SW3550B)			Prep Date: 4/14/2020		Analyst: GVC
4,4'-DDD	ND	0.0019		mg/Kg-dry	1	4/14/2020
4,4'-DDE	ND	0.0019		mg/Kg-dry	1	4/14/2020
4,4'-DDT	ND	0.0019		mg/Kg-dry	1	4/14/2020
Aldrin	ND	0.0019		mg/Kg-dry	1	4/14/2020
alpha-BHC	ND	0.0019		mg/Kg-dry	1	4/14/2020
alpha-Chlordane	ND	0.0019		mg/Kg-dry	1	4/14/2020
beta-BHC	ND	0.0019		mg/Kg-dry	1	4/14/2020
Chlordane	ND	0.019		mg/Kg-dry	1	4/14/2020
delta-BHC	ND	0.0019		mg/Kg-dry	1	4/14/2020
Dieldrin	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endosulfan I	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endosulfan II	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endosulfan sulfate	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endrin	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endrin aldehyde	ND	0.0019		mg/Kg-dry	1	4/14/2020
Endrin ketone	ND	0.0019		mg/Kg-dry	1	4/14/2020
gamma-BHC	ND	0.0019		mg/Kg-dry	1	4/14/2020
gamma-Chlordane	ND	0.0019		mg/Kg-dry	1	4/14/2020
Heptachlor	ND	0.0019		mg/Kg-dry	1	4/14/2020
Heptachlor epoxide	ND	0.0019		mg/Kg-dry	1	4/14/2020
Methoxychlor	ND	0.0019		mg/Kg-dry	1	4/14/2020
Toxaphene	ND	0.040		mg/Kg-dry	1	4/14/2020
Metals by ICP/MS						
	SW6020A (SW3050B)			Prep Date: 4/14/2020		Analyst: MDT
Aluminum	12000	43		mg/Kg-dry	20	4/14/2020
Antimony	ND	4.3		mg/Kg-dry	20	4/14/2020
Arsenic	9.8	2.1		mg/Kg-dry	20	4/14/2020
Barium	240	2.1		mg/Kg-dry	20	4/14/2020
Beryllium	ND	1.1		mg/Kg-dry	20	4/14/2020
Cadmium	ND	1.1		mg/Kg-dry	20	4/14/2020
Calcium	23000	130		mg/Kg-dry	20	4/14/2020
Chromium	23	2.1		mg/Kg-dry	20	4/14/2020
Cobalt	9.2	2.1		mg/Kg-dry	20	4/14/2020
Copper	41	5.4		mg/Kg-dry	20	4/14/2020
Iron	24000	64		mg/Kg-dry	20	4/14/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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Date Reported: April 16, 2020

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ANALYTICAL RESULTS

Client: Carnow, Conibear, & Associates

Client Sample ID: RH-413-010

Work Order: 20040320 Revision 0

Collection Date: 4/13/2020 1:15:00 PM

Project: RH-SET-Chicago, SET Generating Station, 3501 S.

Matrix: Soil

Lab ID: 20040320-010

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 4/14/2020		Analyst: MDT	
Lead	90	1.1		mg/Kg-dry	20	4/14/2020
Magnesium	12000	64		mg/Kg-dry	20	4/14/2020
Manganese	530	2.1		mg/Kg-dry	20	4/14/2020
Nickel	21	2.1		mg/Kg-dry	20	4/14/2020
Potassium	1900	64		mg/Kg-dry	20	4/14/2020
Selenium	ND	2.1		mg/Kg-dry	20	4/14/2020
Silver	ND	2.1		mg/Kg-dry	20	4/14/2020
Sodium	280	130		mg/Kg-dry	20	4/14/2020
Thallium	ND	2.1		mg/Kg-dry	20	4/14/2020
Vanadium	25	2.1		mg/Kg-dry	20	4/14/2020
Zinc	170	11		mg/Kg-dry	20	4/14/2020
Mercury	SW7471B		Prep Date: 4/14/2020		Analyst: LB	
Mercury	0.096	0.024		mg/Kg-dry	1	4/14/2020
Cyanide, Total	SW9012A		Prep Date: 4/14/2020		Analyst: CAB	
Cyanide	ND	0.30		mg/Kg-dry	1	4/14/2020
pH (25 °C)	SW9045C		Prep Date: 4/13/2020		Analyst: JAR	
pH	9.29			pH Units	1	4/13/2020
Percent Moisture	D2974		Prep Date: 4/14/2020		Analyst: FN	
Percent Moisture	17.4	0.2	*	wt%	1	4/14/2020
Asbestos Analysis by TEM	EPA600/R-93/116		Prep Date:		Analyst: RJS	
Chrysotile	<1			%	1	7/13/2020

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

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2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfo@STATAnalysis.com

N^o: 927907

Page: 1 of 1

CHAIN OF CUSTODY RECORD

Company: <u>Canon Conbeer</u>		Client Tracking No.:					
Project Number: <u>RA-SET-Chicago</u>							
Project Name: <u>SET Generation Station</u>							
Project Location: <u>3501 S. Pulaski</u>							
Sampler(s): <u>Rob Harvey</u>							
Report To: <u>Rob Harvey</u>							
Phone: <u>312.656.2289</u>							
Fax:							
e-mail: <u>Charvey@ccatd.com</u>							
QC Level: 1 2 3 4							
Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers
RA-413-001	4/13/20	12:20	Soil		X		1
RA-413-002		12:10			X		1
RA-413-003		12:20			X		1
RA-413-004		12:25			X		1
RA-413-005		12:35			X		1
RA-413-006		12:45			X		1
RA-413-007		12:55			X		1
RA-413-008		1:00			X		1
RA-413-009		1:10			X		1
RA-413-010		1:15			X		1
#60322		2:00	Air		X		1
#60277		2:15			X		1
#60259		2:40			X		1
#60300		2:50			X		1
Relinquished by: (Signature) <u>[Signature]</u> Date/Time: <u>4/13/20 3:49p</u> Received by: (Signature) <u>[Signature]</u> Date/Time: <u>4/13/20 15:40</u> Relinquished by: (Signature) _____ Date/Time: _____ Received by: (Signature) _____ Date/Time: _____ Relinquished by: (Signature) _____ Date/Time: _____ Received by: (Signature) _____ Date/Time: _____							
Comments: <u>Asbestos - PLM</u> <u>Asbestos - TEM</u> <u>ERA TCL-less VOCs</u> <u>TO-15 w/ TIC</u>							
Laboratory Work Order No.: <u>2040320</u>							
Received on Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Temperature: <u>6.1 F</u> <u>6.0 C</u>							

Sample Receipt Checklist

Client Name CCA

Date and Time Received: 4/13/2020 3:40:00 PM

Work Order Number 20040320

Received by: EAA

Checklist completed by: [Signature]
Signature

4/13/20
Date

Reviewed by: ADN
Initials

4/14/20
Date

Matrix: Carrier name: Client Delivered

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample 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 On Ice °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: TO-15 cans were ambient temperature.
* TO-15 CANS/SEALS HAD NO SAMPLE COLLECTED.

Client / Person contacted: ROD HARVEY Date contacted: 04/13/2020 1853 Contacted by: a VERBAL

Response: WILL RE-COLLECT TO-15 SAMPLES.