



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **GO7DT** Lab Sample ID: **17D0650-01**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 10:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 15:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **GO7DT** Lab Sample ID: **17D0650-01**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 10:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 14:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
2,4-Dinitrotoluene	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
2-Chloronaphthalene	ND		1.5	
2-Chlorophenol	ND		1.5	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		1.5	

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Semivolatiles by GC/MS *

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Units: ug/L Analyzed: 05/15/17 14:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Naphthylamine	ND		1.5	
2-Nitroaniline	ND		1.5	
2-Nitrophenol	ND		1.5	
2-Picoline	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
3-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		1.5	
4-Nitroaniline	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
4-Nitrophenol	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 14:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Benzo(b)fluoranthene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		1.5	
Dimethylphthalate	ND		1.5	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 14:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Indeno(1,2,3-cd)pyrene	ND		1.5	
Isodrin	ND		1.5	
Isophorone	ND		1.5	
Isosafrole	ND		1.5	
Mestranol	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Naphthalene	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND	J3	1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		1.5	
Pronamide	ND		1.5	
Pyrene	ND		1.5	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 10:30

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 04/28/17 09:08

Units: mg/L Analyzed: 04/28/17 14:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

pH

Method: SM 4500H+B Prepared: 04/26/17 13:41

Units: PH Analyzed: 04/26/17 13:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.2	Q	0.1	

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 04/27/17 13:01

Units: ug/L Analyzed: 04/27/17 13:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	ND		10.0	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **GO7DT** Lab Sample ID: **17D0650-01**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 10:30

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/11/17 09:40

Units: umho/cm Analyzed: 05/11/17 09:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	766.0		10.00	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C

Method: 2540C Prepared: 04/26/17 16:00

Units: mg/L Analyzed: 05/01/17 12:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids *	430		10	

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Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G07DD** Lab Sample ID: **17D0650-02**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 10:30

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/05/17 12:06

Units: mg/L Analyzed: 05/05/17 14:31

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	ND		1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/04/17 14:35

Units: ug/L Analyzed: 05/09/17 11:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/04/17 08:36

Units: ug/L Analyzed: 05/16/17 15:24

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	70.2		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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Trip ID: Temperature C: 12.00

Client Sample ID: **G07DD** Lab Sample ID: **17D0650-02**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 10:30

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: mg/L Analyzed: 05/18/17 09:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	77.9		0.30	100000
Hardness	355		1.98	
Magnesium	39.1		0.30	100000
Potassium	2.05		1.40	100000
Sodium	23.3		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: ug/L Analyzed: 05/18/17 09:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	127		5.00	
Beryllium	ND		1.00	
Boron	271		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2700		50.0	40000
Manganese	45.6		15.0	
Nickel	ND		5.00	

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Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 10:30

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: ug/L Analyzed: 05/18/17 09:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	572		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 05/03/17 09:17

Units: mg/L Analyzed: 05/03/17 10:36

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃)	ND		0.100	

Nitrogen, Ammonia, Colorimetric, Automated Phenate by EPA Method 350.1

Method: EPA 350.1 Prepared: 04/26/17 09:52

Units: mg/L Analyzed: 04/26/17 12:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	4.95		0.10	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G07DD** Lab Sample ID: **17D0650-02**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 10:30

Sample Type: Sample Depth: Total Depth:

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/05/17 12:06

Units: mg/L Analyzed: 05/05/17 14:31

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	ND		10.0	

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Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G09RT** Lab Sample ID: **17D0650-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 11:15

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 16:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G09RT** Lab Sample ID: **17D0650-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 11:15

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 16:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G09RT** Lab Sample ID: **17D0650-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 11:15

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 15:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
2,4-Dinitrotoluene	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
2-Chloronaphthalene	ND		1.5	
2-Chlorophenol	ND		1.5	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G09RT** Lab Sample ID: **17D0650-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 11:15

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 15:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Naphthylamine	ND		1.5	
2-Nitroaniline	ND		1.5	
2-Nitrophenol	ND		1.5	
2-Picoline	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
3-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		1.5	
4-Nitroaniline	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
4-Nitrophenol	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G09RT** Lab Sample ID: **17D0650-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 11:15

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 15:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Benzo(b)fluoranthene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		1.5	
Dimethylphthalate	ND		1.5	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G09RT** Lab Sample ID: **17D0650-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 11:15

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 15:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Indeno(1,2,3-cd)pyrene	ND		1.5	
Isodrin	ND		1.5	
Isophorone	ND		1.5	
Isosafrole	ND		1.5	
Mestranol	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Naphthalene	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		1.5	
Pronamide	ND		1.5	
Pyrene	ND		1.5	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G09RT** Lab Sample ID: **17D0650-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 11:15

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 04/28/17 09:08

Units: mg/L Analyzed: 04/28/17 14:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

pH

Method: SM 4500H+B Prepared: 04/26/17 13:41

Units: PH Analyzed: 04/26/17 13:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	6.9	Q	0.1	

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 04/27/17 13:01

Units: ug/L Analyzed: 04/27/17 13:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	ND	I	20.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G09RT** Lab Sample ID: **17D0650-03**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 11:15

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/11/17 09:40

Units: umho/cm Analyzed: 05/11/17 09:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1216		10.00	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C

Method: 2540C Prepared: 04/26/17 16:00

Units: mg/L Analyzed: 05/01/17 12:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids *	700		10	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G09RD** Lab Sample ID: **17D0650-04**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 11:15

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/05/17 12:06

Units: mg/L Analyzed: 05/05/17 14:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	3.85		1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/04/17 14:35

Units: ug/L Analyzed: 05/09/17 11:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/04/17 08:36

Units: ug/L Analyzed: 05/16/17 15:28

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	16.6		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G09RD** Lab Sample ID: **17D0650-04**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 11:15

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: mg/L Analyzed: 05/18/17 09:26

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	147		0.30	100000
Hardness	649		1.98	
Magnesium	68.4		0.30	100000
Potassium	4.00		1.40	100000
Sodium	24.7		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: ug/L Analyzed: 05/18/17 09:26

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	279		5.00	
Beryllium	ND		1.00	
Boron	287		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	11900		50.0	40000
Manganese	215		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G09RD** Lab Sample ID: **17D0650-04**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 11:15

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: ug/L Analyzed: 05/18/17 09:26

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	925		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 05/03/17 09:17

Units: mg/L Analyzed: 05/03/17 10:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO2) + Nitrate (NC)	0.132		0.100	

Nitrogen, Ammonia, Colorimetric, Automated Phenate by EPA Method 350.1

Method: EPA 350.1 Prepared: 04/26/17 09:52

Units: mg/L Analyzed: 04/26/17 12:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	5.51		0.10	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G09RD** Lab Sample ID: **17D0650-04**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 11:15

Sample Type: Sample Depth: Total Depth:

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/05/17 12:06

Units: mg/L Analyzed: 05/05/17 14:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	21.6		10.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G26DT** Lab Sample ID: **17D0650-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 12:25

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 17:10

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G26DT** Lab Sample ID: **17D0650-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 12:25

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 17:10

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G26DT** Lab Sample ID: **17D0650-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 12:25

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 16:48

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
2,4-Dinitrotoluene	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
2-Chloronaphthalene	ND		1.5	
2-Chlorophenol	ND		1.5	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G26DT** Lab Sample ID: **17D0650-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 12:25

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 16:48

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Naphthylamine	ND		1.5	
2-Nitroaniline	ND		1.5	
2-Nitrophenol	ND		1.5	
2-Picoline	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
3-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		1.5	
4-Nitroaniline	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
4-Nitrophenol	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G26DT** Lab Sample ID: **17D0650-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 12:25

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 16:48

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Benzo(b)fluoranthene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		1.5	
Dimethylphthalate	ND		1.5	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G26DT** Lab Sample ID: **17D0650-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 12:25

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 16:48

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Indeno(1,2,3-cd)pyrene	ND		1.5	
Isodrin	ND		1.5	
Isophorone	ND		1.5	
Isosafrole	ND		1.5	
Mestranol	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Naphthalene	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		1.5	
Pronamide	ND		1.5	
Pyrene	ND		1.5	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G26DT** Lab Sample ID: **17D0650-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 12:25

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 04/28/17 09:08

Units: mg/L Analyzed: 04/28/17 14:12

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

pH

Method: SM 4500H+B Prepared: 04/26/17 13:41

Units: PH Analyzed: 04/26/17 13:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.3	Q	0.1	

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 04/27/17 13:01

Units: ug/L Analyzed: 04/27/17 13:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	ND		20.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G26DT** Lab Sample ID: **17D0650-05**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 12:25

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/11/17 09:40

Units: umho/cm Analyzed: 05/11/17 09:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	980.0		10.00	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C

Method: 2540C Prepared: 04/26/17 16:00

Units: mg/L Analyzed: 05/01/17 12:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids *	556		10	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G26DD** Lab Sample ID: **17D0650-06**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 12:25

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/05/17 12:06

Units: mg/L Analyzed: 05/05/17 14:52

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	1.87		1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/04/17 14:35

Units: ug/L Analyzed: 05/09/17 11:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/04/17 08:36

Units: ug/L Analyzed: 05/16/17 15:31

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	36.9		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G26DD** Lab Sample ID: **17D0650-06**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 12:25

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: mg/L Analyzed: 05/18/17 09:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	91.4		0.30	100000
Hardness	457		1.98	
Magnesium	55.7		0.30	100000
Potassium	3.72		1.40	100000
Sodium	42.0		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: ug/L Analyzed: 05/18/17 09:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	223		5.00	
Beryllium	ND		1.00	
Boron	523		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2940		50.0	40000
Manganese	27.6		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G26DD** Lab Sample ID: **17D0650-06**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 12:25

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: ug/L Analyzed: 05/18/17 09:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	971		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 05/03/17 09:17

Units: mg/L Analyzed: 05/03/17 10:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃)	ND		0.100	

Nitrogen, Ammonia, Colorimetric, Automated Phenate by EPA Method 350.1

Method: EPA 350.1 Prepared: 04/26/17 09:52

Units: mg/L Analyzed: 04/26/17 12:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	5.80		0.10	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G26DD** Lab Sample ID: **17D0650-06**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 12:25

Sample Type: Sample Depth: Total Depth:

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/05/17 12:06

Units: mg/L Analyzed: 05/05/17 14:52

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	ND		10.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G40MT** Lab Sample ID: **17D0650-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 17:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G40MT** Lab Sample ID: **17D0650-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 17:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G40MT** Lab Sample ID: **17D0650-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 17:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
2,4-Dinitrotoluene	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
2-Chloronaphthalene	ND		1.5	
2-Chlorophenol	ND		1.5	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G40MT** Lab Sample ID: **17D0650-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 17:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Naphthylamine	ND		1.5	
2-Nitroaniline	ND		1.5	
2-Nitrophenol	ND		1.5	
2-Picoline	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
3-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		1.5	
4-Nitroaniline	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
4-Nitrophenol	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G40MT** Lab Sample ID: **17D0650-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 17:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Benzo(b)fluoranthene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		1.5	
Dimethylphthalate	ND		1.5	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G40MT** Lab Sample ID: **17D0650-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 17:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Indeno(1,2,3-cd)pyrene	ND		1.5	
Isodrin	ND		1.5	
Isophorone	ND		1.5	
Isosafrole	ND		1.5	
Mestranol	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Naphthalene	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		1.5	
Pronamide	ND		1.5	
Pyrene	ND		1.5	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G40MT** Lab Sample ID: **17D0650-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 04/28/17 09:08

Units: mg/L Analyzed: 04/28/17 14:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

pH

Method: SM 4500H+B Prepared: 04/26/17 13:41

Units: PH Analyzed: 04/26/17 13:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.0	Q	0.1	

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 04/27/17 13:01

Units: ug/L Analyzed: 04/27/17 13:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	ND		20.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G40MT** Lab Sample ID: **17D0650-07**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/11/17 09:40

Units: umho/cm Analyzed: 05/11/17 09:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1019		10.00	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C

Method: 2540C Prepared: 04/26/17 16:00

Units: mg/L Analyzed: 05/01/17 12:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids *	564		10	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G40MD** Lab Sample ID: **17D0650-08**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/05/17 12:06

Units: mg/L Analyzed: 05/05/17 15:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	6.97		1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/04/17 14:35

Units: ug/L Analyzed: 05/09/17 11:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/04/17 08:36

Units: ug/L Analyzed: 05/16/17 15:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	9.78		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G40MD** Lab Sample ID: **17D0650-08**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: mg/L Analyzed: 05/18/17 09:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	110		0.30	100000
Hardness	474		1.98	
Magnesium	48.7		0.30	100000
Potassium	3.87		1.40	100000
Sodium	30.0		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: ug/L Analyzed: 05/18/17 09:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	271		5.00	
Beryllium	ND		1.00	
Boron	312		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	9130		50.0	40000
Manganese	63.7		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G40MD** Lab Sample ID: **17D0650-08**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: ug/L Analyzed: 05/18/17 09:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	761		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 05/03/17 09:17

Units: mg/L Analyzed: 05/03/17 10:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃)	ND		0.100	

Nitrogen, Ammonia, Colorimetric, Automated Phenate by EPA Method 350.1

Method: EPA 350.1 Prepared: 04/26/17 09:52

Units: mg/L Analyzed: 04/26/17 12:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	11.2		0.10	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G40MD** Lab Sample ID: **17D0650-08**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/05/17 12:06

Units: mg/L Analyzed: 05/05/17 15:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	ND		10.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DT** Lab Sample ID: **17D0650-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 18:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DT** Lab Sample ID: **17D0650-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 18:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DT** Lab Sample ID: **17D0650-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 18:51

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4,5-Tetrachlorobenzene	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,3-Dinitrobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
1-Naphthylamine	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
2,4-Dinitrotoluene	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
2-Chloronaphthalene	ND		1.5	
2-Chlorophenol	ND		1.5	
2-Methylnaphthalene	ND		1.5	
2-Methylphenol	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DT** Lab Sample ID: **17D0650-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 18:51

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
2-Naphthylamine	ND		1.5	
2-Nitroaniline	ND		1.5	
2-Nitrophenol	ND		1.5	
2-Picoline	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
3-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
4-Chloroaniline	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
4-Methylphenol	ND		1.5	
4-Nitroaniline	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
4-Nitrophenol	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Acenaphthene	ND		1.5	
Acenaphthylene	ND		1.5	
Acetophenone	ND		1.5	
Anthracene	ND		1.5	
Azobenzene	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Benzo(a)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DT** Lab Sample ID: **17D0650-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 18:51

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Benzo(b)fluoranthene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
Carbazole	ND		1.5	
Chrysene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Dibenzofuran	ND		1.5	
Diethylphthalate	ND		1.5	
Dimethylphthalate	ND		1.5	
Di-n-butylphthalate	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Diphenylamine	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Fluoranthene	ND		1.5	
Fluorene	ND		1.5	
Hexachlorobenzene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
Hexachloroethane	ND		1.5	
Hexachloropropene	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DT** Lab Sample ID: **17D0650-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS *

Method: 8270 Prepared: 04/27/17 10:11

Units: ug/L Analyzed: 05/15/17 18:51

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Indeno(1,2,3-cd)pyrene	ND		1.5	
Isodrin	ND		1.5	
Isophorone	ND		1.5	
Isosafrole	ND		1.5	
Mestranol	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Naphthalene	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Pentachlorobenzene	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Phenacetin	ND		1.5	
Phenanthrene	ND		1.5	
Phenol	ND		1.5	
Pronamide	ND		1.5	
Pyrene	ND		1.5	
Pyridine	ND		1.5	
Safrole	ND		1.5	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DT** Lab Sample ID: **17D0650-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 04/28/17 09:08

Units: mg/L Analyzed: 04/28/17 14:15

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide	ND		0.005	

pH

Method: SM 4500H+B Prepared: 04/26/17 13:41

Units: PH Analyzed: 04/26/17 13:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.0	Q	0.1	

Phenols by EPA Method 420.4

Method: EPA 420.4 Prepared: 04/27/17 13:01

Units: ug/L Analyzed: 04/27/17 13:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Phenol	ND		20.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DT** Lab Sample ID: **17D0650-09**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 05/11/17 09:40

Units: umho/cm Analyzed: 05/11/17 09:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	1020		10.00	

Total Dissolved Solids, Gravimetric, Dried at 180oC by Std. Method 2540C

Method: 2540C Prepared: 04/26/17 16:00

Units: mg/L Analyzed: 05/01/17 12:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids *	552		10	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DD** Lab Sample ID: **17D0650-10**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Chloride by Ion Chromatography 300.0

Method: EPA 300.0 Prepared: 05/05/17 12:06

Units: mg/L Analyzed: 05/05/17 15:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride	6.96		1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 05/04/17 14:35

Units: ug/L Analyzed: 05/09/17 11:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.06	

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 05/04/17 08:36

Units: ug/L Analyzed: 05/16/17 15:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	10.1		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DD** Lab Sample ID: **17D0650-10**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: mg/L Analyzed: 05/18/17 09:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	110		0.30	100000
Hardness	479		1.98	
Magnesium	49.5		0.30	100000
Potassium	3.95		1.40	100000
Sodium	30.8		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: ug/L Analyzed: 05/18/17 09:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	113		60.0	40000
Barium	272		5.00	
Beryllium	ND		1.00	
Boron	321		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	9170		50.0	40000
Manganese	64.2		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DD** Lab Sample ID: **17D0650-10**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/04/17 08:37

Units: ug/L Analyzed: 05/18/17 09:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	775		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method: 353.2 Prepared: 05/03/17 09:17

Units: mg/L Analyzed: 05/03/17 10:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Nitrogen, Nitrite (NO ₂) + Nitrate (NO ₃)	ND		0.100	

Nitrogen, Ammonia, Colorimetric, Automated Phenate by EPA Method 350.1

Method: EPA 350.1 Prepared: 04/26/17 09:52

Units: mg/L Analyzed: 04/26/17 12:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	11.3	J3	0.10	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DD** Lab Sample ID: **17D0650-10**

Matrix: Water Collected By: JEFF TURNER Date/Time Collected: 04/25/17 13:20

Sample Type: Sample Depth: Total Depth:

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 05/05/17 12:06

Units: mg/L Analyzed: 05/05/17 15:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	ND		10.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **TRIP BLANK 1** Lab Sample ID: **17D0650-11**

Matrix: Water Collected By: NA Date/Time Collected: 04/25/17 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 18:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **TRIP BLANK 1** Lab Sample ID: **17D0650-11**

Matrix: Water Collected By: NA Date/Time Collected: 04/25/17 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 18:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **TRIP BLANK 2** Lab Sample ID: **17D0650-12**

Matrix: Water Collected By: NA Date/Time Collected: 04/25/17 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 19:18

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **TRIP BLANK 2** Lab Sample ID: **17D0650-12**

Matrix: Water Collected By: NA Date/Time Collected: 04/25/17 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 19:18

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **TRIP BLANK 3** Lab Sample ID: **17D0650-13**

Matrix: Water Collected By: NA Date/Time Collected: 04/25/17 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 19:51

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,1,1,2-Tetrachloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
1,1-Dichloroethane	ND		2.0	
1,1-Dichloroethene	ND		2.0	
1,1-Dichloropropene	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2,2-Dichloropropane	ND		2.0	
2-Butanone (MEK)	ND		10	
2-Hexanone (MBK)	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
Acetone	ND		10	
Benzene	ND		2.0	
Bromobenzene	ND		2.0	
Bromochloromethane	ND		2.0	
Bromodichloromethane	ND		2.0	
Bromoform	ND		2.0	
Bromomethane	ND		2.0	
Carbon disulfide	ND		2.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **TRIP BLANK 3** Lab Sample ID: **17D0650-13**

Matrix: Water Collected By: NA Date/Time Collected: 04/25/17 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 04/27/17 09:00

Units: ug/L Analyzed: 04/27/17 19:51

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbon tetrachloride	ND		2.0	
Chlorobenzene	ND		2.0	
Chloroethane	ND		2.0	
Chloroform	ND		2.0	
Chloromethane	ND		2.0	
cis-1,2-Dichloroethene	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
Dibromochloromethane	ND		2.0	
Dibromomethane	ND		2.0	
Ethylbenzene	ND		2.0	
Isopropylbenzene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
Methylene chloride	ND		5.0	
Styrene	ND		2.0	
Tetrachloroethene	ND		2.0	
Toluene	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
Trichloroethene	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Xylenes, total	ND		2.0	

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LABORATORY RESULTS

Name: **CLINTON LANDFILL #3**

Project/Facility Number: 0390055036 Date Received : 04/25/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Notes and Definitions

- Q Maximum holding time exceeded.
- J3 The reported value failed to meet the established quality control criteria for either precision or accuracy possibly due to matrix effects.
- I See Case Narrative for more information.
- ND Analyte NOT DETECTED at or above the reporting limit
- * Non-NELAP accredited

PHENOL: Sample 17D0650-03 was "I" qualified because of suspected matrix interference. Sulfur can be a positive interferant with phenol analysis and the sample had a sulfur odor.

Report Authorized by:

Tom Weiss
Laboratory Manager

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