



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G17DT** Lab Sample ID: **17H0444-01**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 10:05

Sample Type: Sample Depth: Total Depth: 0

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 08/10/17 09:08

Units: mg/L Analyzed: 08/10/17 14:23

<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: 08/09/17 13:41

Units: PH Analyzed: 08/09/17 13:49

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

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 08/28/17 13:26

Units: umho/cm Analyzed: 08/28/17 13:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	738.0		10.00	

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Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G17DT** Lab Sample ID: **17H0444-01**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 10:05

Sample Type: Sample Depth: Total Depth: 0

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

Method: 2540C Prepared: 08/10/17 16:00

Units: mg/L Analyzed: 08/10/17 16:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids *	414		10	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G17DD** Lab Sample ID: **17H0444-02**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 10:05

Sample Type: Sample Depth: Total Depth: 0

Chloride by Ion Chromatography 300.0

Method: 300.0 Prepared: 09/06/17 09:49

Units: mg/L Analyzed: 09/06/17 11:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride *	3.06	Q	1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 09/01/17 11:13

Units: ug/L Analyzed: 09/05/17 09:39

<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: 08/18/17 10:47

Units: ug/L Analyzed: 09/20/17 11:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	64.6		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G17DD** Lab Sample ID: **17H0444-02**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 10:05

Sample Type: Sample Depth: Total Depth: 0

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: mg/L Analyzed: 08/22/17 10:05

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	71.9		0.30	100000
Hardness	338		1.98	
Magnesium	38.6		0.30	100000
Potassium	2.09		1.40	100000
Sodium	22.5		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: ug/L Analyzed: 08/22/17 10:05

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	155		5.00	
Beryllium	ND		1.00	
Boron	190		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	3400		50.0	40000
Manganese	17.6		15.0	
Nickel	ND		5.00	

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Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G17DD** Lab Sample ID: **17H0444-02**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 10:05

Sample Type: Sample Depth: Total Depth: 0

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: ug/L Analyzed: 08/22/17 10:05

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	428		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 08/09/17 11:01

Units: mg/L Analyzed: 08/09/17 13:08

<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: 08/31/17 09:44

Units: mg/L Analyzed: 08/31/17 14:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	4.76		0.10	

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Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G17DD** Lab Sample ID: **17H0444-02**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 10:05

Sample Type: Sample Depth: Total Depth: 0

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 09/06/17 09:49

Units: mg/L Analyzed: 09/06/17 11:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	ND	Q	10.0	500

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Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G01DT** Lab Sample ID: **17H0444-03**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 11:00

Sample Type: Sample Depth: Total Depth: 0

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 08/10/17 09:08

Units: mg/L Analyzed: 08/10/17 14:23

<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: 08/09/17 13:41

Units: PH Analyzed: 08/09/17 13:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.4	Q	0.1	

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 08/28/17 13:26

Units: umho/cm Analyzed: 08/28/17 13:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	661.0		10.00	

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Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G01DT** Lab Sample ID: **17H0444-03**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 11:00

Sample Type: Sample Depth: Total Depth: 0

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

Method: 2540C Prepared: 08/10/17 16:00

Units: mg/L Analyzed: 08/10/17 16:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids *	372		10	

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Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G01DD** Lab Sample ID: **17H0444-04**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 11:00

Sample Type: Sample Depth: Total Depth: 0

Chloride by Ion Chromatography 300.0

Method: 300.0 Prepared: 09/06/17 09:49

Units: mg/L Analyzed: 09/06/17 11:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride *	2.99	Q	1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 09/01/17 11:13

Units: ug/L Analyzed: 09/05/17 09:39

<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: 08/18/17 10:47

Units: ug/L Analyzed: 09/20/17 11:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	36.0		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G01DD** Lab Sample ID: **17H0444-04**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 11:00

Sample Type: Sample Depth: Total Depth: 0

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: mg/L Analyzed: 08/22/17 10:08

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	65.0		0.30	100000
Hardness	312		1.98	
Magnesium	36.4		0.30	100000
Potassium	1.96		1.40	100000
Sodium	22.3		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: ug/L Analyzed: 08/22/17 10:08

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	157		5.00	
Beryllium	ND		1.00	
Boron	174		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2360		50.0	40000
Manganese	37.3		15.0	
Nickel	ND		5.00	

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Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G01DD** Lab Sample ID: **17H0444-04**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 11:00

Sample Type: Sample Depth: Total Depth: 0

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: ug/L Analyzed: 08/22/17 10:08

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	435		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 08/09/17 11:01

Units: mg/L Analyzed: 08/09/17 13:09

<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: 08/31/17 09:44

Units: mg/L Analyzed: 08/31/17 14:17

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	1.88		0.10	

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Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G01DD** Lab Sample ID: **17H0444-04**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 11:00

Sample Type: Sample Depth: Total Depth: 0

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 09/06/17 09:49

Units: mg/L Analyzed: 09/06/17 11:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	ND	Q	10.0	500

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Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G04DT** Lab Sample ID: **17H0444-05**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 11:40

Sample Type: Sample Depth: Total Depth: 0

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 08/10/17 09:08

Units: mg/L Analyzed: 08/10/17 14:26

<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: 08/09/17 13:41

Units: PH Analyzed: 08/09/17 13:49

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

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 08/28/17 13:26

Units: umho/cm Analyzed: 08/28/17 13:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	695.0		10.00	

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Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G04DT** Lab Sample ID: **17H0444-05**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 11:40

Sample Type: Sample Depth: Total Depth: 0

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

Method: 2540C Prepared: 08/10/17 16:00

Units: mg/L Analyzed: 08/10/17 16:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids *	406		10	

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Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G04DD** Lab Sample ID: **17H0444-06**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 11:40

Sample Type: Sample Depth: Total Depth: 0

Chloride by Ion Chromatography 300.0

Method: 300.0 Prepared: 09/06/17 09:49

Units: mg/L Analyzed: 09/06/17 11:48

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride *	2.48	Q	1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 09/01/17 11:13

Units: ug/L Analyzed: 09/05/17 09:39

<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: 08/18/17 10:47

Units: ug/L Analyzed: 09/20/17 11:18

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	38.3		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G04DD** Lab Sample ID: **17H0444-06**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 11:40

Sample Type: Sample Depth: Total Depth: 0

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: mg/L Analyzed: 08/22/17 10:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	69.5		0.30	100000
Hardness	323		1.98	
Magnesium	36.3		0.30	100000
Potassium	2.41		1.40	100000
Sodium	22.6		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: ug/L Analyzed: 08/22/17 10:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Barium	156		5.00	
Beryllium	ND		1.00	
Boron	218		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	1770		50.0	40000
Manganese	73.1		15.0	
Nickel	ND		5.00	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G04DD** Lab Sample ID: **17H0444-06**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 11:40

Sample Type: Sample Depth: Total Depth: 0

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: ug/L Analyzed: 08/22/17 10:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	415		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 08/09/17 11:01

Units: mg/L Analyzed: 08/09/17 13:10

<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: 08/31/17 09:44

Units: mg/L Analyzed: 08/31/17 15:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	1.41		0.10	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G04DD** Lab Sample ID: **17H0444-06**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 11:40

Sample Type: Sample Depth: Total Depth: 0

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 09/06/17 09:49

Units: mg/L Analyzed: 09/06/17 11:48

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	ND	Q	10.0	500

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G07DT** Lab Sample ID: **17H0444-07**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 12:45

Sample Type: Sample Depth: Total Depth: 0

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 08/10/17 09:08

Units: mg/L Analyzed: 08/10/17 14:26

<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: 08/09/17 13:41

Units: PH Analyzed: 08/09/17 13:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.1	Q	0.1	

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 08/28/17 13:26

Units: umho/cm Analyzed: 08/28/17 13:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	914.0		10.00	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G07DT** Lab Sample ID: **17H0444-07**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 12:45

Sample Type: Sample Depth: Total Depth: 0

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

Method: 2540C Prepared: 08/10/17 16:00

Units: mg/L Analyzed: 08/10/17 16:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids *	536		10	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G07DD** Lab Sample ID: **17H0444-08**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 12:45

Sample Type: Sample Depth: Total Depth: 0

Chloride by Ion Chromatography 300.0

Method: 300.0 Prepared: 09/06/17 09:49

Units: mg/L Analyzed: 09/06/17 11:58

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride *	2.26	Q	1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 09/01/17 11:13

Units: ug/L Analyzed: 09/05/17 09:39

<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: 08/18/17 10:47

Units: ug/L Analyzed: 09/20/17 11:21

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	12.2		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G07DD** Lab Sample ID: **17H0444-08**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 12:45

Sample Type: Sample Depth: Total Depth: 0

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: mg/L Analyzed: 08/22/17 10:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	101		0.30	100000
Hardness	466		1.98	
Magnesium	52.2		0.30	100000
Potassium	3.02		1.40	100000
Sodium	23.1		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: ug/L Analyzed: 08/22/17 10:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	107		60.0	40000
Barium	148		5.00	
Beryllium	ND		1.00	
Boron	226		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	6610		50.0	40000
Manganese	74.2		15.0	
Nickel	ND		5.00	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G07DD** Lab Sample ID: **17H0444-08**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 12:45

Sample Type: Sample Depth: Total Depth: 0

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: ug/L Analyzed: 08/22/17 10:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	553		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 08/09/17 11:01

Units: mg/L Analyzed: 08/09/17 13:14

<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: 08/31/17 09:44

Units: mg/L Analyzed: 08/31/17 15:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	1.66		0.10	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G07DD** Lab Sample ID: **17H0444-08**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 12:45

Sample Type: Sample Depth: Total Depth: 0

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 09/06/17 09:49

Units: mg/L Analyzed: 09/06/17 11:58

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	ND	Q	10.0	500

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DT** Lab Sample ID: **17H0444-09**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 10:05

Sample Type: Sample Depth: Total Depth: 0

Cyanide by EPA Method 335.4

Method: 335.4 Prepared: 08/10/17 09:08

Units: mg/L Analyzed: 08/10/17 14:27

<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: 08/09/17 13:41

Units: PH Analyzed: 08/09/17 13:49

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

Specific Conductance by Standard Method 2510B

Method: 2510B Prepared: 08/28/17 13:26

Units: umho/cm Analyzed: 08/28/17 13:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Specific Conductance	739.0		10.00	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DT** Lab Sample ID: **17H0444-09**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 10:05

Sample Type: Sample Depth: Total Depth: 0

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

Method: 2540C Prepared: 08/10/17 16:00

Units: mg/L Analyzed: 08/10/17 16:00

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Total Dissolved Solids *	402		10	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DD** Lab Sample ID: **17H0444-10**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 10:05

Sample Type: Sample Depth: Total Depth: 0

Chloride by Ion Chromatography 300.0

Method: 300.0 Prepared: 09/06/17 09:49

Units: mg/L Analyzed: 09/06/17 12:08

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloride *	3.05	Q	1.00	

Mercury by EPA Method 7470

Method: 7470 Prepared: 09/01/17 11:13

Units: ug/L Analyzed: 09/05/17 09:39

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Mercury	ND		0.12	

Metals by EPA 6000/7000 Series Methods

Method: 6020 Prepared: 08/18/17 10:47

Units: ug/L Analyzed: 09/20/17 11:24

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		2.00	
Arsenic	64.3		0.50	
Lead	ND		5.00	
Selenium	ND		2.00	
Thallium	ND		2.00	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DD** Lab Sample ID: **17H0444-10**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 10:05

Sample Type: Sample Depth: Total Depth: 0

Metals (Minerals) by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: mg/L Analyzed: 08/22/17 10:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Calcium	69.5		0.30	100000
Hardness	329		1.98	
Magnesium	37.7		0.30	100000
Potassium	2.05		1.40	100000
Sodium	22.4		0.30	

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: ug/L Analyzed: 08/22/17 10:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	203		60.0	40000
Barium	152		5.00	
Beryllium	ND		1.00	
Boron	209		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	3330		50.0	40000
Manganese	17.7		15.0	
Nickel	ND		5.00	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DD** Lab Sample ID: **17H0444-10**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 10:05

Sample Type: Sample Depth: Total Depth: 0

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 08/21/17 08:46

Units: ug/L Analyzed: 08/22/17 10:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Silver	ND		3.00	
Strontium	426		5.00	
Vanadium	ND		5.00	
Zinc	ND		25.0	

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

Method: 353.2 Prepared: 08/09/17 11:01

Units: mg/L Analyzed: 08/09/17 13:15

<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: 08/31/17 09:44

Units: mg/L Analyzed: 08/31/17 15:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ammonia as N	5.03		0.10	

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REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Client Sample ID: **G90DD** Lab Sample ID: **17H0444-10**

Matrix: Water Collected By: JT Date/Time Collected: 08/08/17 10:05

Sample Type: Sample Depth: Total Depth: 0

Sulfate by Ion Chromatography 300.0

Method: 300.0 Prepared: 09/06/17 09:49

Units: mg/L Analyzed: 09/06/17 12:08

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Sulfate	ND	Q	10.0	500

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

Reported:
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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

REVISED LABORATORY RESULTS

Name: **INDIAN CREEK LANDFILL #2**

Project/Facility Number: 1790305011 Date Received : 08/08/17

Funding Code: LP43 Visit Number:

Trip ID: Temperature C: 12.00

Notes and Definitions

- Q Maximum holding time exceeded.
- ND Analyte NOT DETECTED at or above the reporting limit
- * Non-NELAP accredited

Revised report issued on 10/18/2017 to include Arsenic result for sample 17H0444-10. Arsenic had been inadvertently removed from the reportable list for this sample by the analyst.

Report Authorized by:

Tom Weiss
Laboratory Manager

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10/18/17 09:46
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