

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	INDIAN CREEK I	ANDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G18DT			Lab Sample ID:	17B0274-01
Matrix:	Water	Collected By:	ЛТ	Date/Time Collected:	02/14/17 9:45
Sample Type:		Sample Depth:		Total Depth:	0
		Chloride by Ion	Chromatography 300.0		
Method:	EPA 300.0			Prepared:	02/21/17 07:00
Units:	mg/L			Analyzed:	02/21/17 13:47
Analyte		Result	Qualifier	<u>Reporting Limit</u>	Regulatory Level
Chloride		2.69		1.00	
		Cyanide by	EPA Method 335.4		
Method:	335.4	Cyanide by	EPA Method 335.4	Prepared:	02/16/17 08:52
Method: Units:	335.4 mg/L	Cyanide by	EPA Method 335.4	Prepared: Analyzed:	02/16/17 08:52 02/16/17 12:57
		Cyanide by <u>Result</u>	EPA Method 335.4 <u>Qualifier</u>	-	
Units:				Analyzed:	02/16/17 12:57
Units: <u>Analyte</u>		<u>Result</u>		Analyzed: Reporting Limit	02/16/17 12:57
Units: <u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Analyzed: <u>Reporting Limit</u> 0.005	02/16/17 12:57
Units: <u>Analyte</u> Cyanide	mg/L	<u>Result</u>	<u>Qualifier</u>	Analyzed: Reporting Limit	02/16/17 12:57 <u>Regulatory Level</u>
Units: <u>Analyte</u> Cyanide Method: Units:	mg/L SM 4500H+B	<u>Result</u> ND	<u>Oualifier</u> pH	Analyzed: <u>Reporting Limit</u> 0.005 Prepared: Analyzed:	02/16/17 12:57 Regulatory Level 02/16/17 14:34 02/16/17 14:37
Units: <u>Analyte</u> Cyanide Method:	mg/L SM 4500H+B	<u>Result</u>	<u>Qualifier</u>	Analyzed: <u>Reporting Limit</u> 0.005 Prepared:	02/16/17 12:57 Regulatory Level 02/16/17 14:34

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LABORATORY RESULTS

Name:	INDIAN CREE	K LANDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G18DT			Lab Sample ID:	17B0274-01
Matrix:	Water	Collected By: JT	ſ	Date/Time Collected:	02/14/17 9:45
Sample Type:		Sample Depth:		Total Depth:	0
		Specific Conductance	by Standard Me	ethod 2510B	
Method:	2510B			Prepared:	02/28/17 12:08
Units:	umho/cm			Analyzed:	02/28/17 12:11
<u>Analyte</u> Specific Conductance		<u>Result</u> 665.0	<u>Qualifier</u>	<u>Reporting Limit</u> 10.00	<u>Regulatory Level</u>
	Total D	issolved Solids, Gravimetric	c, Dried at 1800	C by Std. Method 2540C	
Method:	2540C			Prepared:	02/15/17 10:00
Units:	mg/L			Analyzed:	02/16/17 14:03
Analyte		Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Total Dissolved Solids *		362		10	

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LABORATORY RESULTS

Name:	INDIAN CREEK LAN	IDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G18DD			Lab Sample ID:	17B0274-02
Matrix:	Water	Collected By: JT		Date/Time Collected:	02/14/17 9:45
Sample Type:		Sample Depth:		Total Depth:	0
		Chloride by Ion Ch	romatography 300.0		
Method:	EPA 300.0			Prepared:	02/21/17 07:00
Units:	mg/L			Analyzed:	02/21/17 13:57
Analyte		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	Regulatory Level
Chloride		2.67		1.00	
		Mercury by El	PA Method 7470		
Method:	7470			Prepared:	02/24/17 07:34
Units:	ug/L			Analyzed:	03/01/17 11:48
Analyte		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Mercury		ND		0.06	
		Metals by EPA 6000	/7000 Series Methods		
Method:	6020			Prepared:	02/23/17 07:49
Units:	ug/L			Analyzed:	03/01/17 11:16
Analyte		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Antimony		ND		2.00	
Arsenic		119 ND		0.50	
Lead Selenium		ND ND		5.00 2.00	
Thallium		ND		2.00	

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LABORATORY RESULTS

Name:	INDIAN CREEK LANDFIL	L #2				
Project/Facility Number:	1790305011				Date Received :	02/14/17
Funding Code:	LP43				Visit Number:	
Trip ID:					Temperature C:	14.00
Client Sample ID:	G18DD			L	ab Sample ID:	17B0274-02
Matrix:	Water	Collected By:	JT	D	Date/Time Collected:	02/14/17 9:45
Sample Type:		Sample Depth:		Т	otal Depth:	0

Metals (Minerals) by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	02/23/17 07:47
Units:	mg/L		Analyzed:	02/27/17 10:58
<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	Regulatory Level
Calcium	60.7		0.30	100000
Magnesium	35.9		0.30	100000
Potassium	2.45		1.40	100000
Sodium	22.9		0.30	
Hardness	299		1.98	

Metals by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	02/23/17 07:47
Units:	ug/L		Analyzed:	02/27/17 10:58
Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Aluminum	ND		60.0	40000
Barium	110		5.00	
Beryllium	ND		1.00	
Boron	204		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2730		50.0	40000
Manganese	ND		15.0	
Nickel	ND		5.00	
Aluminum Barium Beryllium Boron Cadmium Chromium Cobalt Copper Iron Manganese	ND 110 ND 204 ND ND ND 2730 ND	<u>Qualifier</u>	60.0 5.00 1.00 10.0 3.00 5.00 10.0 10.0 50.0 15.0	40000

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LABORATORY RESULTS

Name:	INDIAN CREEK LA	ANDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.0(
Client Sample ID:	G18DD			Lab Sample ID:	17B0274-02
Matrix:	Water	Collected By: JT		Date/Time Collected:	02/14/17 9:45
Sample Type:		Sample Depth:		Total Depth:	0
		Metals by EPA	Method 6010 - ICP		
Method:	SW-846 6010			Prepared:	02/23/17 07:47
Units:	ug/L			Analyzed:	02/27/17 10:58
Analyte		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Silver		ND		3.00	
Strontium		411		5.00	
Vanadium		ND		5.00	
Zinc		ND		25.0	
	Nitrate-Nit	rite, Colorimetric, Auto	mated Cadmium by E	CPA Method 353.2	
Method:	353.2			Prepared:	02/17/17 10:30
Units:	mg/L			Analyzed:	02/17/17 15:47
Analyte		<u>Result</u>	Qualifier	Reporting Limit	Regulatory Level
Nitrogen, Nitrite (NO2)	+ Nitrate (NO3	ND		0.100	
	Nitrogen, An	nmonia, Colorimetric, A	utomated Phenate by	EPA Method 350.1	
Method:	EPA 350.1			Prepared:	02/15/17 11:02
Units:	mg/L			Analyzed:	02/15/17 11:02

AnalyteResultQualifierReporting LimitRegulatory LevelAmmonia as N4.220.10

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LABORATORY RESULTS

Name:	INDIAN CREEK LANDF	TILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G18DD			Lab Sample ID:	17B0274-02
Matrix:	Water	Collected By:	JT	Date/Time Collected:	02/14/17 9:45
Sample Type:		Sample Depth:		Total Depth:	0
		Sulfate by Ior	n Chromatography 300.0		
Method:	300.0			Prepared:	02/21/17 07:00
Units:	mg/L			Analyzed:	02/21/17 13:57
Analyte	Re	esult.	<u>Qualifier</u>	<u>Reporting Limit</u>	Regulatory Level
Sulfate	Ν	ND		10.0	

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Name:	INDIAN CREEK LA	ANDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G02DT			Lab Sample ID:	17B0274-03
Matrix:	Water	Collected By: JT		Date/Time Collected:	02/14/17 10:40
	Water				
Sample Type:		Sample Depth:		Total Depth:	0
		Chlorido hy Ion C	hromatography 300.0		
		Chioride by Ion C	nromatography 500.0		
Method:	EPA 300.0			Prepared:	02/21/17 07:00
Units:	mg/L			Analyzed:	02/21/17 14:06
Analyte		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	Regulatory Level
Chloride		1.83		1.00	
		Cyanida by F	PA Method 335.4		
		Cyanide by E	TA Memou 555.4		
Method:	335.4			Prepared:	02/16/17 08:52
Units:	mg/L			Analyzed:	02/16/17 12:59
<u>Analyte</u>		<u>Result</u>	Qualifier	<u>Reporting Limit</u>	Regulatory Level
Cyanide		ND		0.005	
			рН		
Method:	SM 4500H+B			Prepared:	02/16/17 14:34
Units:	РН			Analyzed:	02/16/17 14:37
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Laboratory pH		7.5	Q	0.1	



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Name:	INDIAN CREEK	K LANDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G02DT			Lab Sample ID:	17B0274-03
Matrix:	Water	Collected By: JT	ſ	Date/Time Collected:	02/14/17 10:40
Sample Type:		Sample Depth:		Total Depth:	0
		Specific Conductance	by Standard Met	thod 2510B	
Method:	2510B			Prepared:	02/28/17 12:08
Units:	umho/cm			Analyzed:	02/28/17 12:11
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	Regulatory Level
Specific Conductance		653.0		10.00	
	Total Di	ssolved Solids, Gravimetric	c, Dried at 180oC	C by Std. Method 2540C	
Method:	2540C			Prepared:	02/15/17 10:00
Units:	mg/L			Analyzed:	02/16/17 14:03
<u>Analyte</u>		Result	<u>Qualifier</u>	Reporting Limit	<u>Regulatory Level</u>
Total Dissolved Solids *		370		10	



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LABORATORY RESULTS

Name:	INDIAN CREEK LAN	NDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G02DD			Lab Sample ID:	17B0274-04
Matrix:	Water	Collected By: JT		Date/Time Collected:	02/14/17 10:40
Sample Type:		Sample Depth:		Total Depth:	0
		Chloride by Ion Ch	romatography 300.0		
Method:	EPA 300.0			Prepared:	02/21/17 07:00
Units:	mg/L			Analyzed:	02/21/17 17:35
Analyte		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Chloride		1.91		1.00	
		Mercury by El	PA Method 7470		
Method:	7470			Prepared:	02/24/17 07:34
Units:	ug/L			Analyzed:	03/01/17 11:48
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	<u>Regulatory Level</u>
Mercury		ND		0.06	
		Metals by EPA 6000	//7000 Series Methods		
Method:	6020			Prepared:	02/23/17 07:49
Units:	ug/L			Analyzed:	03/01/17 11:19
Analyte		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	Regulatory Level
Antimony		ND		2.00	
Arsenic		48.3		0.50	
Lead Selenium		ND		5.00	
Thallium		ND ND		2.00 2.00	
				2.00	

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LABORATORY RESULTS

Name:	INDIAN CREEK LANDFILI	J #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G02DD			Lab Sample ID:	17B0274-04
Matrix:	Water	Collected By:	JT	Date/Time Collected:	02/14/17 10:40
Sample Type:		Sample Depth:		Total Depth:	0

Metals (Minerals) by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	02/23/17 07:47
Units:	mg/L		Analyzed:	02/27/17 11:01
Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Calcium	60.3		0.30	100000
Magnesium	33.5		0.30	100000
Potassium	1.97		1.40	100000
Sodium	20.4		0.30	
Hardness	289		1.98	

Metals by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	02/23/17 07:47
Units:	ug/L		Analyzed:	02/27/17 11:01
Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Aluminum	ND		60.0	40000
Barium	96.2		5.00	
Beryllium	ND		1.00	
Boron	192		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	1810		50.0	40000
Manganese	27.7		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

Name:	INDIAN CREEK L	ANDFILL #2					
Project/Facility Number:	1790305011			Date Received :	02/14/17		
Funding Code:	LP43			Visit Number:			
Trip ID:				Temperature C:	14.00		
Client Sample ID:	G02DD			Lab Sample ID:	17B0274-04		
Matrix:	Water	Collected By: J	Г	Date/Time Collected:	02/14/17 10:40		
Sample Type:		Sample Depth:		Total Depth:	0		
Metals by EPA Method 6010 - ICP							
Method:	SW-846 6010			Prepared:	02/23/17 07:47		
Units:	ug/L			Analyzed:	02/27/17 11:01		
Analyte		Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level		
Silver		ND		3.00			
Strontium		345		5.00			
Vanadium		ND		5.00			
Zinc		ND		25.0			
	Nitrate-Ni	itrite, Colorimetric, Auto	omated Cadmium	by EPA Method 353.2			
Method:	353.2			Prepared:	02/17/17 10:30		
Units:	mg/L			Analyzed:	02/17/17 15:49		
Analyte		Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level		
Nitrogen, Nitrite (NO2)) + Nitrate (NO3	ND		0.100			
	Nitrogen, A	mmonia, Colorimetric, A	Automated Phenate	e by EPA Method 350.1			
Method:	EPA 350.1			Prepared:	02/15/17 11:02		
Units:	mg/L			Analyzed:	02/15/17 11:02		

AnalyteResultQualifierReporting LimitRegulatory LevelAmmonia as N1.680.10

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LABORATORY RESULTS

Name:	INDIAN CREEK LANDF	TLL #2					
Project/Facility Number:	1790305011			Date Received :	02/14/17		
Funding Code:	LP43			Visit Number:			
Trip ID:				Temperature C:	14.00		
~							
Client Sample ID:	G02DD			Lab Sample ID:	17B0274-04		
Matrix:	Water	Collected By:	JT	Date/Time Collected:	02/14/17 10:40		
Sample Type:		Sample Depth:		Total Depth:	0		
Sulfate by Ion Chromatography 300.0							
Method:	300.0			Prepared:	02/21/17 07:00		
Units:	mg/L			Analyzed:	02/21/17 17:35		
Analyte	Re	<u>sult</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level		
Sulfate	Ν	١D		10.0			

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Name:	INDIAN CREEK L	ANDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G06DT			Lab Sample ID:	17B0274-05
Matrix:	Water	Collected By: J	Г	Date/Time Collected:	02/14/17 12:07
Sample Type:		Sample Depth:		Total Depth:	0
		Chloride by Ion	Chromatography 300.0		
Method:	EPA 300.0			Prepared:	02/21/17 07:00
Units:	mg/L			Analyzed:	02/21/17 17:45
Analyte		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	Regulatory Level
Chloride		2.96		1.00	
		Cyanide by 1	EPA Method 335.4		
Method:	335.4			Prepared:	02/16/17 08:52
Units:	mg/L			Analyzed:	02/16/17 13:00
Analyte		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Cyanide		ND		0.005	
			nH		
			рН		02/17/17/14/24
Method:	SM 4500H+B		рН	Prepared:	02/16/17 14:34
Method: Units:	SM 4500H+B PH		рН	Prepared: Analyzed:	02/16/17 14:34 02/16/17 14:37
		<u>Result</u>	рН <u>Qualifier</u>	-	



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Name:	INDIAN CREE	K LANDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G06DT			Lab Sample ID:	17B0274-05
Matrix:	Water	Collected By: JT	[Date/Time Collected:	02/14/17 12:07
Sample Type:		Sample Depth:		Total Depth:	0
		Specific Conductance	by Standard Me	ethod 2510B	
Method:	2510B			Prepared:	02/28/17 12:08
Units:	umho/cm			Analyzed:	02/28/17 12:11
<u>Analyte</u> Specific Conductance		<u>Result</u> 754.0	<u>Qualifier</u>	Reporting Limit 10.00	<u>Regulatory Level</u>
	Total D	issolved Solids, Gravimetric	c, Dried at 180o(C by Std. Method 2540C	
Method:	2540C			Prepared:	02/15/17 10:00
Units:	mg/L			Analyzed:	02/16/17 14:03
Analyte		Result	<u>Qualifier</u>	Reporting Limit	<u>Regulatory Level</u>
Total Dissolved Solids *		430		10	



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LABORATORY RESULTS

Name:	INDIAN CREEK LAN	NDFILL #2						
Project/Facility Number:	1790305011			Date Received :	02/14/17			
Funding Code:	LP43			Visit Number:				
Trip ID:				Temperature C:	14.00			
Client Sample ID:	G06DD			Lab Sample ID:	17B0274-06			
Matrix:	Water	Collected By: JT		Date/Time Collected:	02/14/17 12:07			
Sample Type:		Sample Depth:		Total Depth:	0			
Chloride by Ion Chromatography 300.0								
Method:	EPA 300.0			Prepared:	02/21/17 07:00			
Units:	mg/L			Analyzed:	02/21/17 17:55			
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	<u>Regulatory Level</u>			
Chloride		2.93		1.00				
		Mercury by El	PA Method 7470					
Method:	7470			Prepared:	02/24/17 07:34			
Units:	ug/L			Analyzed:	03/01/17 11:48			
Analyte		<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	Regulatory Level			
Mercury		ND		0.06				
		Metals by EPA 6000	/7000 Series Methods					
Method:	6020	-		Prepared:	02/23/17 07:49			
Units:	ug/L			Analyzed:	03/01/17 11:22			
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level			
Antimony		ND	Quanner	2.00	<u>Regulator y Lever</u>			
Arsenic		28.4		0.50				
Lead		ND		5.00				
Selenium		ND		2.00				
Thallium		ND		2.00				

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LABORATORY RESULTS

Name:	INDIAN CREEK LANDFILI	J #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G06DD			Lab Sample ID:	17B0274-06
Matrix:	Water	Collected By:	JT	Date/Time Collected:	02/14/17 12:07
Sample Type:		Sample Depth:		Total Depth:	0

Metals (Minerals) by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	02/23/17 07:47
Units:	mg/L		Analyzed:	02/27/17 11:04
Analyte	Result	Qualifier	<u>Reporting Limit</u>	Regulatory Level
Calcium	78.9		0.30	100000
Magnesium	35.0		0.30	100000
Potassium	2.74		1.40	100000
Sodium	20.2		0.30	
Hardness	341		1.98	

Metals by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	02/23/17 07:47
Units:	ug/L		Analyzed:	02/27/17 11:04
	D	0.116	15 (1 11 1)	
<u>Analyte</u>	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Aluminum	ND		60.0	40000
Barium	128		5.00	
Beryllium	ND		1.00	
Boron	210		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	2370		50.0	40000
Manganese	146		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

Name:	INDIAN CREEK LAI	NDFILL #2					
Project/Facility Number:	1790305011			Date Received :	02/14/17		
Funding Code:	LP43			Visit Number:			
Trip ID:				Temperature C:	14.00		
Client Sample ID:	G06DD			Lab Sample ID:	17B0274-06		
Matrix:	Water	Collected By: JT		Date/Time Collected:	02/14/17 12:07		
Sample Type:		Sample Depth:		Total Depth:	0		
Metals by EPA Method 6010 - ICP							
Method:	SW-846 6010			Prepared:	02/23/17 07:47		
Units:	ug/L			Analyzed:	02/27/17 11:04		
<u>Analyte</u>		Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level		
Silver		ND		3.00			
Strontium		359		5.00			
Vanadium		ND		5.00			
Zinc		ND		25.0			
	Nitrate-Nitr	rite, Colorimetric, Auto	mated Cadmium by	EPA Method 353.2			
Method:	353.2			Prepared:	02/17/17 10:30		
Units:	mg/L			Analyzed:	02/17/17 15:50		
Analyte		Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level		
Nitrogen, Nitrite (NO2)	+ Nitrate (NO3	ND		0.100			
	Nitrogen, Am	monia, Colorimetric, A	utomated Phenate by	y EPA Method 350.1			
Method:	EPA 350.1			Prepared:	02/15/17 11:02		
Units:	mg/L			Analyzed:	02/15/17 11:02		

 Analyte
 Result
 Qualifier
 Reporting Limit
 Regulatory Level

 Ammonia as N
 0.75
 0.10

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LABORATORY RESULTS

Name:	INDIAN CREEK LANDF	FILL #2					
Project/Facility Number:	1790305011			Date Received :	02/14/17		
Funding Code:	LP43			Visit Number:			
Trip ID:				Temperature C:	14.00		
~							
Client Sample ID:	G06DD			Lab Sample ID:	17B0274-06		
Matrix:	Water	Collected By:	JT	Date/Time Collected:	02/14/17 12:07		
Sample Type:		Sample Depth:		Total Depth:	0		
Sulfate by Ion Chromatography 300.0							
Method:	300.0			Prepared:	02/21/17 07:00		
Units:	mg/L			Analyzed:	02/21/17 17:55		
<u>Analyte</u>	<u>R</u> (<u>esult</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	Regulatory Level		
Sulfate	1	ND		10.0			

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.

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Name:	INDIAN CREEK I	LANDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G29DT			Lab Sample ID:	17B0274-07
Matrix:	Water	Collected By:	JT	Date/Time Collected:	02/14/17 11:17
Sample Type:		Sample Depth:		Total Depth:	0
		Chloride by lo	n Chromatography 300	.0	
Method:	EPA 300.0			Prepared:	02/21/17 07:00
Units:	mg/L			Analyzed:	02/21/17 18:04
Analyte		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Chloride		3.07		1.00	
		Cyanide b	y EPA Method 335.4		
Method:	335.4			Prepared:	02/16/17 08:52
Method: Units:	335.4 mg/L			Prepared: Analyzed:	02/16/17 08:52 02/16/17 13:00
		<u>Result</u>	<u>Qualifier</u>	-	
Units:		<u>Result</u> ND	<u>Oualifier</u>	Analyzed:	02/16/17 13:00
Units: <u>Analyte</u>			<u>Qualifier</u> pH	Analyzed: Reporting Limit	02/16/17 13:00
Units: <u>Analyte</u>				Analyzed: Reporting Limit	02/16/17 13:00
Units: <u>Analyte</u> Cyanide	mg/L			Analyzed: <u>Reporting Limit</u> 0.005	02/16/17 13:00 <u>Regulatory Level</u>
Units: <u>Analyte</u> Cyanide Method:	mg/L SM 4500H+B			Analyzed: <u>Reporting Limit</u> 0.005 Prepared:	02/16/17 13:00 <u>Regulatory Level</u> 02/16/17 14:34



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Name:	INDIAN CREEK	LANDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G29DT			Lab Sample ID:	17B0274-07
Matrix:	Water	Collected By: JT	ſ	Date/Time Collected:	02/14/17 11:17
Sample Type:		Sample Depth:		Total Depth:	0
		Specific Conductance	by Standard Met	hod 2510B	
Method:	2510B			Prepared:	02/28/17 12:08
Units:	umho/cm			Analyzed:	02/28/17 12:11
<u>Analyte</u> Specific Conductance		<u>Result</u> 883.0	<u>Qualifier</u>	<u>Reporting Limit</u> 10.00	<u>Regulatory Level</u>
	Total Dis	solved Solids, Gravimetric	c, Dried at 180oC	by Std. Method 2540C	
Method:	2540C			Prepared:	02/15/17 10:00
Units:	mg/L			Analyzed:	02/16/17 14:03
Analyte		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Total Dissolved Solids *		494		10	



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LABORATORY RESULTS

Name:	INDIAN CREEK LAN	NDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G29DD			Lab Sample ID:	17B0274-08
Matrix:	Water	Collected By: JT		Date/Time Collected:	02/14/17 11:17
Sample Type:		Sample Depth:		Total Depth:	0
		Chloride by Ion Cl	romatography 300.0		
Method:	EPA 300.0			Prepared:	02/21/17 07:00
Units:	mg/L			Analyzed:	02/21/17 18:14
Analyte		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Chloride		3.16		1.00	
		Mercury by E	PA Method 7470		
Method:	7470			Prepared:	02/24/17 07:34
Units:	ug/L			Analyzed:	03/01/17 11:48
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Mercury		ND		0.06	
		Metals by FPA 6000)/7000 Series Methods		
	<		" Tooo Series Withous	N	
Method:	6020			Prepared:	02/23/17 07:49
Units:	ug/L			Analyzed:	03/01/17 11:25
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Antimony		ND		2.00	
Arsenic		68.2		0.50	
Lead		ND		5.00	
Selenium		ND		2.00	
Thallium		ND		2.00	

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LABORATORY RESULTS

Name:	INDIAN CREEK LANDFILI	J #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G29DD			Lab Sample ID:	17B0274-08
Matrix:	Water	Collected By:	JT	Date/Time Collected:	02/14/17 11:17
Sample Type:		Sample Depth:		Total Depth:	0

Metals (Minerals) by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	02/23/17 07:47
Units:	mg/L		Analyzed:	02/27/17 11:07
Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Calcium	84.3		0.30	100000
Magnesium	45.9		0.30	100000
Potassium	2.73		1.40	100000
Sodium	24.5		0.30	
Hardness	399		1.98	

Metals by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	02/23/17 07:47
Units:	ug/L		Analyzed:	02/27/17 11:07
<u>Analyte</u>	<u>Result</u>	Qualifier	Reporting Limit	Regulatory Level
Aluminum	60.5		60.0	40000
Barium	197		5.00	
Beryllium	ND		1.00	
Boron	238		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	3940		50.0	40000
Manganese	19.9		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

N.					
Name:	INDIAN CREEK LAN	DFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G29DD			Lab Sample ID:	17B0274-08
Matrix:	Water	Collected By: JT	2	Date/Time Collected:	02/14/17 11:17
Sample Type:		Sample Depth:		Total Depth:	0
		Metals by EPA	Method 6010 - ICP		
Method:	SW-846 6010			Prepared:	02/23/17 07:47
Units:	ug/L			Analyzed:	02/27/17 11:07
<u>Analyte</u>		<u>Result</u>	Qualifier	Reporting Limit	Regulatory Level
Silver		ND		3.00	
Strontium		591		5.00	
Vanadium		ND		5.00	
Zinc		ND		25.0	
	Nitrate-Nitri	te, Colorimetric, Auto	mated Cadmium by	EPA Method 353.2	
Method:	353.2			Prepared:	02/17/17 10:30
Units:	mg/L			Analyzed:	02/17/17 15:51
Analyte		Result	Qualifier	Reporting Limit	Regulatory Level
Nitrogen, Nitrite (NO2)) + Nitrate (NOE	ND		0.100	
	Nitrogen, Amn	nonia, Colorimetric, A	utomated Phenate b	y EPA Method 350.1	
Method:	EPA 350.1			Prepared:	02/15/17 11:02
Units:	mg/L			Analyzed:	02/15/17 11:02

 Analyzed:
 02/15/17/11:02

 Analyte
 Result
 Qualifier
 Reporting Limit
 Regulatory Level

 Ammonia as N
 4.53
 0.10

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LABORATORY RESULTS

Name:	INDIAN CREEK LANDF	TLL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G29DD			Lab Sample ID:	17B0274-08
Matrix:	Water	Collected By:	JT	Date/Time Collected:	02/14/17 11:17
Sample Type:		Sample Depth:		Total Depth:	0
		Sulfate by Ior	n Chromatography 300.0		
Method:	300.0			Prepared:	02/21/17 07:00
Units:	mg/L			Analyzed:	02/21/17 18:14
<u>Analyte</u>	Re	<u>sult</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	Regulatory Level
Sulfate	Ν	١D		10.0	

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Name:	INDIAN CREEK I	LANDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G90DT			Lab Sample ID:	17B0274-09
Matrix:	Water	Collected By:	JT	Date/Time Collected:	02/14/17 10:40
Sample Type:		Sample Depth:		Total Depth:	0
		~	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		
		Chloride by Io	n Chromatography 300	.0	
Method:	EPA 300.0			Prepared:	02/21/17 07:00
Units:	mg/L			Analyzed:	02/21/17 18:24
Analyte		Result	Qualifier	Reporting Limit	Regulatory Level
Chloride		1.96		1.00	
		Cyanide b	y EPA Method 335.4		
Method:	335.4			Prepared:	02/16/17 08:52
Units:	mg/L			Analyzed:	02/16/17 13:01
Analyte		Result	Qualifier	Reporting Limit	Regulatory Level
Cyanide		ND		0.005	
			рН		
Method:	SM 4500H+B			Prepared:	02/16/17 14:34
Units:	РН			Analyzed:	02/16/17 14:37
<u>Analyte</u>		Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level



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Name:	INDIAN CREE	K LANDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G90DT			Lab Sample ID:	17B0274-09
Matrix:	Water	Collected By: JT		Date/Time Collected:	02/14/17 10:40
Sample Type:		Sample Depth:		Total Depth:	0
		Specific Conductance	by Standard Me	thod 2510B	
Method:	2510B			Prepared:	02/28/17 12:08
Units:	umho/cm			Analyzed:	02/28/17 12:11
<u>Analyte</u> Specific Conductance		<u>Result</u> 653.0	<u>Qualifier</u>	<u>Reporting Limit</u> 10.00	<u>Regulatory Level</u>
	Total D	issolved Solids, Gravimetric	e, Dried at 180oC	C by Std. Method 2540C	
Method:	2540C			Prepared:	02/15/17 10:00
Units:	mg/L			Analyzed:	02/16/17 14:03
Analyte		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	<u>Regulatory Level</u>
Total Dissolved Solids *		364		10	



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LABORATORY RESULTS

Name:	INDIAN CREEK LAN	NDFILL #2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G90DD			Lab Sample ID:	17B0274-10
Matrix:	Water	Collected By: JT		Date/Time Collected:	02/14/17 10:40
Sample Type:		Sample Depth:		Total Depth:	0
		Chloride by Ion Ch	romatography 300.0		
Method:	EPA 300.0			Prepared:	02/21/17 07:00
Units:	mg/L			Analyzed:	02/21/17 18:33
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	<u>Regulatory Level</u>
Chloride		1.93		1.00	
		Mercury by El	PA Method 7470		
Method:	7470			Prepared:	02/24/17 07:34
Units:	ug/L			Analyzed:	03/01/17 11:48
Analyte		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	<u>Regulatory Level</u>
Mercury		ND		0.06	
		Metals by EPA 6000	/7000 Series Methods		
Method:	6020			Prepared:	02/23/17 07:49
Units:	ug/L			Analyzed:	03/01/17 11:33
<u>Analyte</u>		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Antimony		ND		2.00	
Arsenic		48.0		0.50	
Lead		ND		5.00	
Selenium		ND		2.00	
Thallium		ND		2.00	

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LABORATORY RESULTS

Name:	INDIAN CREEK LANDFILI	L # 2			
Project/Facility Number:	1790305011			Date Received :	02/14/17
Funding Code:	LP43			Visit Number:	
Trip ID:				Temperature C:	14.00
Client Sample ID:	G90DD			Lab Sample ID:	17B0274-10
Matrix:	Water	Collected By:	JT	Date/Time Collected:	02/14/17 10:40
Sample Type:		Sample Depth:		Total Depth:	0

Metals (Minerals) by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	02/23/17 07:47
Units:	mg/L		Analyzed:	02/27/17 11:10
Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Calcium	63.2		0.30	100000
Magnesium	35.5		0.30	100000
Potassium	2.10		1.40	100000
Sodium	21.3		0.30	
Hardness	304		1.98	

Metals by EPA Method 6010 - ICP

Method:	SW-846 6010		Prepared:	02/23/17 07:47
Units:	ug/L		Analyzed:	02/27/17 11:10
Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Aluminum	82.3		60.0	40000
Barium	104		5.00	
Beryllium	ND		1.00	
Boron	204		10.0	
Cadmium	ND		3.00	
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	1960		50.0	40000
Manganese	29.1		15.0	
Nickel	ND		5.00	

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LABORATORY RESULTS

Name:	INDIAN CREEK L	ANDFILL #2			
Project/Facility Number:	1790305011		Date Received :	02/14/17	
Funding Code:	LP43		Visit Number:		
Trip ID:				Temperature C:	14.00
Client Sample ID:	G90DD			Lab Sample ID:	17B0274-10
Matrix:	Water	Collected By: J7	Г	Date/Time Collected:	02/14/17 10:40
Sample Type:		Sample Depth:		Total Depth:	0
Metals by EPA Method 6010 - ICP					
Method:	SW-846 6010			Prepared:	02/23/17 07:47
Units:	ug/L			Analyzed:	02/27/17 11:10
Analyte		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Silver		ND		3.00	
Strontium		376		5.00	
Vanadium		ND 5.00			
Zinc		ND	25.0		
Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2					
Method:	353.2			Prepared:	02/17/17 10:30
Units:	mg/L			Analyzed:	02/17/17 15:52
Analyte		<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Nitrogen, Nitrite (NO2)	+ Nitrate (NO3	ND		0.100	
Nitrogen, Ammonia, Colorimetric, Automated Phenate by EPA Method 350.1					
Method:	EPA 350.1			Prepared:	02/15/17 11:02
Units:	mg/L			Analyzed:	02/15/17 11:02

 Analyte
 Result
 Qualifier
 Reporting Limit
 Regulatory Level

 Ammonia as N
 1.62
 0.10

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	INDIAN CREEK LANDFILL #2				
Project/Facility Number:	1790305011		Date Received :	02/14/17	
Funding Code:	LP43	LP43 Visit Number:			
Trip ID:				Temperature C:	14.00
Client Sample ID:	G90DD			Lab Sample ID:	17B0274-10
Matrix:	Water	Collected By:	JT	Date/Time Collected:	02/14/17 10:40
Sample Type:		Sample Depth:		Total Depth:	0
Sulfate by Ion Chromatography 300.0					
Method:	300.0			Prepared:	02/21/17 07:00
Units:	mg/L			Analyzed:	02/21/17 18:33
Analyte	<u>R</u> (<u>esult</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Sulfate	ſ	ND		10.0	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	INDIAN CREEK LANDFILL #2		
Project/Facility Number:	1790305011	Date Received :	02/14/17
Funding Code:	LP43	Visit Number:	
Trip ID:		Temperature C:	14.00

Notes and Definitions

Q Maximum holding time exceeded.

ND Analyte NOT DETECTED at or above the reporting limit

* Non-NELAP accredited

Report Authorized by:

Tom Weiss Laboratory Manager 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.

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