



REPORT OF ANALYSIS
MANATEE COUNTY UTILITIES DEPARTMENT
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USEPA LAB CODE: FL00031

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FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
AUG 11 2011
SOUTHWEST DISTRICT
TAMPA

PREPARED FOR: Mr. Mike Gore
MCUD Solid Waste Division
3333 Lena Road
Bradenton, FL 34211

SAMPLE RECEIPT DATE: 05/11/2011

REPORT DATE: 6/20/2011

PROJECT NAME: Lena Road Semi-Annual
Leachate Monitoring
Report

Data Release Authorization:

The Methods of analysis in this report are in accordance with MCUD Central Laboratory's Quality Assurance Manual and meet all NELAC standards except where noted. Results pertain only to items tested and to the samples specified. This report may not be reproduced, except in full, without the written approval of this laboratory.

Jeff Goodwin 2011.07.29
10:20:08 -04'00'



Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE38943 Collection Date / Time: 05/11/2011 09:40

Sample Point: Lena Road Leachate Lift Station # 1

Sample Comment:

Analysis Department:

DEMANDS

Chemical Oxygen Demand	EPA 410.4	418	mg/L		05/17/2011 10:25	6.03	20.0	EMM
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Analysis Department:

FIELD

Field conductivity	FIELD	1380	umhos/cm		05/11/2011 11:01	1		DWELLS
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Field pH	FIELD	6.50	Std. units		05/11/2011 11:01	0.010		DWELLS
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Field Turbidity	FIELD	14.5	NTU		05/11/2011 11:01	0.02		DWELLS
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Analysis Department:

METALS

Metals by 200.7

Antimony	EPA 200.7	0.0044	mg/L	I	05/16/2011 18:57	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.023	mg/L		05/16/2011 18:57	0.0038	0.005	KMH
Barium	EPA 200.7	0.105	mg/L		05/16/2011 18:57	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011 18:57	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011 18:57	0.0004	0.005	KMH
Chromium	EPA 200.7	0.006	mg/L		05/16/2011 18:57	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.011	mg/L		05/16/2011 18:57	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/16/2011 18:57	0.0009	0.005	KMH
Iron	EPA 200.7	14.0	mg/L		05/16/2011 18:57	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011 18:57	0.0017	0.005	KMH
Nickel	EPA 200.7	0.011	mg/L		05/16/2011 18:57	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011 18:57	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011 18:57	0.0007	0.005	KMH
Sodium	EPA 200.7	272	mg/L		05/16/2011 18:57	0.016	2.00	KMH
Thallium	EPA 200.7	<0.0016	mg/L	U	05/16/2011 18:57	0.0016	0.005	KMH
Tin	EPA 200.7	<0.0017	mg/L	U	05/16/2011 18:57	0.0017	0.005	KMH
Vanadium	EPA 200.7	0.022	mg/L		05/16/2011 18:57	0.0005	0.005	KMH
Zinc	EPA 200.7	0.012	mg/L		05/16/2011 18:57	0.0029	0.005	KMH

Analysis Comments: Selenium analyzed on 5-19-11 @ 1219.

Selenium by GFAAS	SM 3113B	<0.0009	mg/L	U	06/06/2011 14:30	0.0009	0.001	IR
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Analysis Department:

NUTRIENTS

Ammonia	EPA 350.1	126	mg/L		05/18/2011 10:55	0.018	0.050	AC
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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Sample ID: AE38944 Collection Date / Time: 05/11/2011 09:30

Sample Point: Lena Road Leachate Lift Station # 2

Sample Comment:

Analysis Department:

DEMANDS

Chemical Oxygen Demand	EPA 410.4	389	mg/L		05/17/2011 10:27	6.03	20.0	EMM
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Analysis Department:

FIELD

Field conductivity	FIELD	3340	umhos/cm		05/11/2011 09:30	1		DWELLS
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Field pH	FIELD	6.50	Std. units		05/11/2011 09:30	0.010		DWELLS
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Field Turbidity	FIELD	15.6	NTU		05/11/2011 09:30	0.02		DWELLS
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Analysis Department:

METALS

Metals by 200.7

Antimony	EPA 200.7	0.006	mg/L		05/16/2011 19:01	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.023	mg/L		05/16/2011 19:01	0.0038	0.005	KMH
Barium	EPA 200.7	0.107	mg/L		05/16/2011 19:01	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011 19:01	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011 19:01	0.0004	0.005	KMH
Chromium	EPA 200.7	0.006	mg/L		05/16/2011 19:01	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.011	mg/L		05/16/2011 19:01	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/16/2011 19:01	0.0009	0.005	KMH
Iron	EPA 200.7	13.7	mg/L		05/16/2011 19:01	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011 19:01	0.0017	0.005	KMH
Nickel	EPA 200.7	0.011	mg/L		05/16/2011 19:01	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011 19:01	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011 19:01	0.0007	0.005	KMH
Sodium	EPA 200.7	269	mg/L		05/16/2011 19:01	0.016	2.00	KMH
Thallium	EPA 200.7	<0.0016	mg/L	U	05/16/2011 19:01	0.0016	0.005	KMH
Tin	EPA 200.7	<0.0017	mg/L	U	05/16/2011 19:01	0.0017	0.005	KMH
Vanadium	EPA 200.7	0.021	mg/L		05/16/2011 19:01	0.0005	0.005	KMH
Zinc	EPA 200.7	0.011	mg/L		05/16/2011 19:01	0.0029	0.005	KMH

Analysis Comments: Selenium analyzed on 5-19-11 @ 1223.

Selenium by GFAAS	SM 3113B	<0.0009	mg/L	U	06/06/2011 15:29	0.0009	0.001	IR
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Analysis Department:

NUTRIENTS

Ammonia	EPA 350.1	129	mg/L		05/18/2011 11:18	0.018	0.050	AC
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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
Sample ID: AE38945 Collection Date / Time: 05/11/2011 09:50								
Sample Point: Lena Road Leachate Lift Station # 3								
Sample Comment:								

Analysis Department:

DEMANDS

Chemical Oxygen Demand	EPA 410.4	380	mg/L		05/17/2011	10:25	6.03	20.0	EMM
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Analysis Department:

FIELD

Field conductivity	FIELD	2970	umhos/cm		05/11/2011	09:50	1		DWELLS
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Field pH	FIELD	6.47	Std. units		05/11/2011	09:50	0.010		DWELLS
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Field Turbidity	FIELD	12.9	NTU		05/11/2011	09:50	0.02		DWELLS
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Analysis Department:

METALS

Metals by 200.7

Antimony	EPA 200.7	<0.0039	mg/L	U	05/16/2011	19:05	0.0039	0.005	KMH
Arsenic	EPA 200.7	0.021	mg/L		05/16/2011	19:05	0.0038	0.005	KMH
Barium	EPA 200.7	0.089	mg/L		05/16/2011	19:05	0.0002	0.005	KMH
Beryllium	EPA 200.7	<0.00004	mg/L	U	05/16/2011	19:05	0.00004	0.005	KMH
Cadmium	EPA 200.7	<0.0004	mg/L	U	05/16/2011	19:05	0.0004	0.005	KMH
Chromium	EPA 200.7	0.005	mg/L		05/16/2011	19:05	0.0007	0.005	KMH
Cobalt	EPA 200.7	0.009	mg/L		05/16/2011	19:05	0.0003	0.005	KMH
Copper	EPA 200.7	<0.0009	mg/L	U	05/16/2011	19:05	0.0009	0.005	KMH
Iron	EPA 200.7	14.2	mg/L		05/16/2011	19:05	0.046	0.125	KMH
Lead	EPA 200.7	<0.0017	mg/L	U	05/16/2011	19:05	0.0017	0.005	KMH
Nickel	EPA 200.7	0.008	mg/L		05/16/2011	19:05	0.0002	0.005	KMH
Selenium	EPA 200.7	<0.0046	mg/L	U	05/16/2011	19:05	0.0046	0.005	KMH
Silver	EPA 200.7	<0.0007	mg/L	U	05/16/2011	19:05	0.0007	0.005	KMH
Sodium	EPA 200.7	220	mg/L		05/16/2011	19:05	0.016	2.00	KMH
Thallium	EPA 200.7	<0.0016	mg/L	U	05/16/2011	19:05	0.0016	0.005	KMH
Tin	EPA 200.7	<0.0017	mg/L	U	05/16/2011	19:05	0.0017	0.005	KMH
Vanadium	EPA 200.7	0.018	mg/L		05/16/2011	19:05	0.0005	0.005	KMH
Zinc	EPA 200.7	0.009	mg/L		05/16/2011	19:05	0.0029	0.005	KMH

Analysis Comments: Selenium analyzed on 5-19-11 @ 1227.

Selenium by GFAAS	SM 3113B	<0.0009	mg/L	U	06/06/2011	15:53	0.0009	0.001	IR
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Analysis Department:

NUTRIENTS

Ammonia	EPA 350.1	108	mg/L		05/18/2011	11:18	0.018	0.050	AC
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Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-21828

QA Sample ID: AE39077

Samples AE38943 AE38944 AE38945

Analysis Comments: Selenium analyzed on 5-19-11 @ 1219.

Method Blank for Metals by 200.7

Aluminum		<0.039	mg/L	U	05/16/2011	14:04		KMH
Antimony		<0.0039	mg/L	U	05/16/2011	14:04		KMH
Arsenic		<0.0038	mg/L	U	05/16/2011	14:04		KMH
Barium		<0.0002	mg/L	U	05/16/2011	14:04		KMH
Beryllium		<0.00004	mg/L	U	05/16/2011	14:04		KMH
Cadmium		<0.0004	mg/L	U	05/16/2011	14:04		KMH
Chromium		<0.0007	mg/L	U	05/16/2011	14:04		KMH
Cobalt		<0.0003	mg/L	U	05/16/2011	14:04		KMH
Copper		<0.0009	mg/L	U	05/16/2011	14:04		KMH
Iron		<0.046	mg/L	U	05/16/2011	14:04		KMH
Lead		<0.0017	mg/L	U	05/16/2011	14:04		KMH
Manganese		<0.0004	mg/L	U	05/16/2011	14:04		KMH
Molybdenum		<0.0006	mg/L	U	05/16/2011	14:04		KMH
Nickel		<0.0002	mg/L	U	05/16/2011	14:04		KMH
Selenium		<0.0046	mg/L	U	05/16/2011	14:04		KMH
Silver		<0.0007	mg/L	U	05/16/2011	14:04		KMH
Sodium		<0.016	mg/L	U	05/16/2011	14:04		KMH
Thallium		<0.0016	mg/L	U	05/16/2011	14:04		KMH
Tin		<0.0017	mg/L	U	05/16/2011	14:04		KMH
Titanium		<0.0001	mg/L	U	05/16/2011	14:04		KMH
Vanadium		<0.0005	mg/L	U	05/16/2011	14:04		KMH
Zinc		<0.0029	mg/L	U	05/16/2011	14:04		KMH

Int Calb Rec for Metals by 200.7

Aluminum		105	%		05/16/2011	13:22		KMH
Antimony		97.9	%		05/16/2011	13:22		KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-21828

QA Sample ID: AE39077

Samples AE38943 AE38944 AE38945

Analysis Comments: Selenium analyzed on 5-19-11 @ 1219.

Int Calb Rec for Metals by 200.7

Arsenic		96.9	%		05/16/2011 13:22			KMH
Barium		100	%		05/16/2011 13:22			KMH
Beryllium		99.5	%		05/16/2011 13:22			KMH
Cadmium		98.0	%		05/16/2011 13:22			KMH
Chromium		99.9	%		05/16/2011 13:22			KMH
Cobalt		101	%		05/16/2011 13:22			KMH
Copper		99.5	%		05/16/2011 13:22			KMH
Iron		101	%		05/16/2011 13:22			KMH
Lead		102	%		05/16/2011 13:22			KMH
Manganese		100	%		05/16/2011 13:22			KMH
Molybdenum		98.8	%		05/16/2011 13:22			KMH
Nickel		101	%		05/16/2011 13:22			KMH
Selenium		102	%		05/16/2011 13:22			KMH
Silver		98.8	%		05/16/2011 13:22			KMH
Sodium		102	%		05/16/2011 13:22			KMH
Thallium		102	%		05/16/2011 13:22			KMH
Tin		100	%		05/16/2011 13:22			KMH
Titanium		97.6	%		05/16/2011 13:22			KMH
Vanadium		99.1	%		05/16/2011 13:22			KMH
Zinc		99.0	%		05/16/2011 13:22			KMH

LCS Recovery for Metals by 200.7

Aluminum		101	%		05/16/2011 14:24			KMH
Antimony		98.2	%		05/16/2011 14:24			KMH
Arsenic		97.8	%		05/16/2011 14:24			KMH
Barium		102	%		05/16/2011 14:24			KMH
Beryllium		101	%		05/16/2011 14:24			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-21828

QA Sample ID: AE39077

Samples AE38943 AE38944 AE38945

Analysis Comments: Selenium analyzed on 5-19-11 @ 1219.

LCS Recovery for Metals by 200.7

Cadmium		106	%		05/16/2011 14:24			KMH
Chromium		101	%		05/16/2011 14:24			KMH
Cobalt		105	%		05/16/2011 14:24			KMH
Copper		100	%		05/16/2011 14:24			KMH
Iron		102	%		05/16/2011 14:24			KMH
Lead		101	%		05/16/2011 14:24			KMH
Manganese		103	%		05/16/2011 14:24			KMH
Molybdenum		99.2	%		05/16/2011 14:24			KMH
Nickel		102	%		05/16/2011 14:24			KMH
Selenium		98.8	%		05/16/2011 14:24			KMH
Silver		99.2	%		05/16/2011 14:24			KMH
Sodium		106	%		05/16/2011 14:24			KMH
Thallium		101	%		05/16/2011 14:24			KMH
Tin		99.0	%		05/16/2011 14:24			KMH
Titanium		101	%		05/16/2011 14:24			KMH
Vanadium		101	%		05/16/2011 14:24			KMH
Zinc		101	%		05/16/2011 14:24			KMH

MS Result for Metals by 200.7

Aluminum		11.1	mg/L		05/16/2011 18:36			KMH
Antimony		0.490	mg/L		05/16/2011 18:36			KMH
Arsenic		0.508	mg/L		05/16/2011 18:36			KMH
Barium		0.532	mg/L		05/16/2011 18:36			KMH
Beryllium		0.503	mg/L		05/16/2011 18:36			KMH
Cadmium		0.539	mg/L		05/16/2011 18:36			KMH
Chromium		0.505	mg/L		05/16/2011 18:36			KMH
Cobalt		0.517	mg/L		05/16/2011 18:36			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-21828		QA Sample ID: AE39077							
Samples AE38943 AE38944 AE38945									
Analysis Comments:		Selenium analyzed on 5-19-11 @ 1223.							
MS Result for Metals by 200.7									
Copper		0.542	mg/L		05/16/2011	18:36			KMH
Iron		28.2	mg/L		05/16/2011	18:36			KMH
Lead		0.494	mg/L		05/16/2011	18:36			KMH
Manganese		0.828	mg/L		05/16/2011	18:36			KMH
Molybdenum		0.504	mg/L		05/16/2011	18:36			KMH
Nickel		0.512	mg/L		05/16/2011	18:36			KMH
Selenium		0.458	mg/L		05/16/2011	18:36			KMH
Silver		0.506	mg/L		05/16/2011	18:36			KMH
Sodium		175	mg/L		05/16/2011	18:36			KMH
Thallium		0.484	mg/L		05/16/2011	18:36			KMH
Tin		0.411	mg/L		05/16/2011	18:36			KMH
Titanium		0.556	mg/L		05/16/2011	18:36			KMH
Vanadium		0.526	mg/L		05/16/2011	18:36			KMH
Zinc		0.699	mg/L		05/16/2011	18:36			KMH
MS Recovery for Metals by 200.7									
Aluminum		98.8	%		05/16/2011	18:28			KMH
Antimony		96.6	%		05/16/2011	18:28			KMH
Arsenic		99.8	%		05/16/2011	18:28			KMH
Barium		101	%		05/16/2011	18:28			KMH
Beryllium		100	%		05/16/2011	18:28			KMH
Cadmium		108	%		05/16/2011	18:28			KMH
Chromium		99.4	%		05/16/2011	18:28			KMH
Cobalt		102	%		05/16/2011	18:28			KMH
Copper		101	%		05/16/2011	18:28			KMH
Iron		97.8	%		05/16/2011	18:28			KMH
Lead		98.4	%		05/16/2011	18:28			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-21828

QA Sample ID: AE39077

Samples AE38943 AE38944 AE38945

Analysis Comments: Selenium analyzed on 5-19-11 @ 1227.

MS Recovery for Metals by 200.7

Manganese	106	%	05/16/2011	18:28	KMH
Molybdenum	99.6	%	05/16/2011	18:28	KMH
Nickel	100	%	05/16/2011	18:28	KMH
Selenium	91.6	%	05/16/2011	18:28	KMH
Silver	101	%	05/16/2011	18:28	KMH
Sodium	106	%	05/16/2011	18:28	KMH
Thallium	96.8	%	05/16/2011	18:28	KMH
Tin	82.2	%	05/16/2011	18:28	KMH
Titanium	103	%	05/16/2011	18:28	KMH
Vanadium	101	%	05/16/2011	18:28	KMH
Zinc	95.4	%	05/16/2011	18:28	KMH

MS/MSD Precision for Metals by 200.7

Aluminum	0.897	%	05/16/2011	18:36	KMH
Antimony	0.820	%	05/16/2011	18:36	KMH
Arsenic	1.59	%	05/16/2011	18:36	KMH
Barium	0.377	%	05/16/2011	18:36	KMH
Beryllium	0.199	%	05/16/2011	18:36	KMH
Cadmium	0.558	%	05/16/2011	18:36	KMH
Chromium	0.795	%	05/16/2011	18:36	KMH
Cobalt	0.777	%	05/16/2011	18:36	KMH
Copper	0.741	%	05/16/2011	18:36	KMH
Iron	0.354	%	05/16/2011	18:36	KMH
Lead	1.02	%	05/16/2011	18:36	KMH
Manganese	0.484	%	05/16/2011	18:36	KMH
Molybdenum	0.797	%	05/16/2011	18:36	KMH
Nickel	0.784	%	05/16/2011	18:36	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-21828		QA Sample ID:		AE39077					
Samples	AE38943 AE38944 AE38945								
Analysis Comments:		Selenium analyzed on 5-19-11 @ 1223.							
MS/MSD Precision for Metals by 200.7									
Selenium		1.30	%		05/16/2011	18:36			KMH
Silver		0.595	%		05/16/2011	18:36			KMH
Sodium		0.00	%		05/16/2011	18:36			KMH
Thallium		0.00	%		05/16/2011	18:36			KMH
Tin		0.488	%		05/16/2011	18:36			KMH
Titanium		0.903	%		05/16/2011	18:36			KMH
Vanadium		0.763	%		05/16/2011	18:36			KMH
Zinc		1.01	%		05/16/2011	18:36			KMH
CCV Rec for Metals by 200.7									
Aluminum		102	%		05/16/2011	19:48			KMH
Antimony		96.8	%		05/16/2011	19:48			KMH
Arsenic		97.6	%		05/16/2011	19:48			KMH
Barium		100	%		05/16/2011	19:48			KMH
Beryllium		101	%		05/16/2011	19:48			KMH
Cadmium		103	%		05/16/2011	19:48			KMH
Chromium		98.4	%		05/16/2011	19:48			KMH
Cobalt		98.6	%		05/16/2011	19:48			KMH
Copper		97.2	%		05/16/2011	19:48			KMH
Iron		101	%		05/16/2011	19:48			KMH
Lead		100	%		05/16/2011	19:48			KMH
Manganese		102	%		05/16/2011	19:48			KMH
Molybdenum		100	%		05/16/2011	19:48			KMH
Nickel		101	%		05/16/2011	19:48			KMH
Selenium		96.5	%		05/16/2011	19:48			KMH
Silver		99.8	%		05/16/2011	19:48			KMH
Sodium		104	%		05/16/2011	19:48			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-21828		QA Sample ID: AE39077							
Samples AE38943 AE38944 AE38945									
Analysis Comments:		Selenium analyzed on 5-19-11 @ 1227.							
CCV Rec for Metals by 200.7									
Thallium		102	%		05/16/2011	19:48			KMH
Tin		98.7	%		05/16/2011	19:48			KMH
Titanium		103	%		05/16/2011	19:48			KMH
Vanadium		98.3	%		05/16/2011	19:48			KMH
Zinc		98.4	%		05/16/2011	19:48			KMH
Cont Blank for Metals by 200.7									
Aluminum		<0.039	mg/L	U	05/16/2011	19:27			KMH
Antimony		<0.0039	mg/L	U	05/16/2011	19:27			KMH
Arsenic		<0.0038	mg/L	U	05/16/2011	19:27			KMH
Barium		<0.0002	mg/L	U	05/16/2011	19:27			KMH
Beryllium		<0.00004	mg/L	U	05/16/2011	19:27			KMH
Cadmium		<0.0004	mg/L	U	05/16/2011	19:27			KMH
Chromium		<0.0007	mg/L	U	05/16/2011	19:27			KMH
Cobalt		<0.0003	mg/L	U	05/16/2011	19:27			KMH
Copper		<0.0009	mg/L	U	05/16/2011	19:27			KMH
Iron		<0.046	mg/L	U	05/16/2011	19:27			KMH
Lead		<0.0017	mg/L	U	05/16/2011	19:27			KMH
Manganese		<0.0004	mg/L	U	05/16/2011	19:27			KMH
Molybdenum		<0.0006	mg/L	U	05/16/2011	19:27			KMH
Nickel		<0.0002	mg/L	U	05/16/2011	19:27			KMH
Selenium		<0.0046	mg/L	U	05/16/2011	19:27			KMH
Silver		<0.0007	mg/L	U	05/16/2011	19:27			KMH
Sodium		0.036	mg/L	I	05/16/2011	19:27			KMH
Thallium		0.0023	mg/L	I	05/16/2011	19:27			KMH
Tin		<0.0017	mg/L	U	05/16/2011	19:27			KMH
Titanium		<0.0001	mg/L	U	05/16/2011	19:27			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-21828		QA Sample ID: AE39077							
Samples AE38943 AE38944 AE38945									
Analysis Comments:		Selenium analyzed on 5-19-11 @ 1219.							
Cont Blank for Metals by 200.7									
Vanadium		<0.0005	mg/L	U	05/16/2011	19:27			KMH
Zinc		<0.0029	mg/L	U	05/16/2011	19:27			KMH
CCV for Metals by 200.7									
Aluminum		21.4	mg/L		05/16/2011	19:48			KMH
Antimony		0.968	mg/L		05/16/2011	19:48			KMH
Arsenic		0.976	mg/L		05/16/2011	19:48			KMH
Barium		1.00	mg/L		05/16/2011	19:48			KMH
Beryllium		1.01	mg/L		05/16/2011	19:48			KMH
Cadmium		1.03	mg/L		05/16/2011	19:48			KMH
Chromium		0.984	mg/L		05/16/2011	19:48			KMH
Cobalt		0.986	mg/L		05/16/2011	19:48			KMH
Copper		0.972	mg/L		05/16/2011	19:48			KMH
Iron		12.6	mg/L		05/16/2011	19:48			KMH
Lead		1.00	mg/L		05/16/2011	19:48			KMH
Manganese		1.02	mg/L		05/16/2011	19:48			KMH
Molybdenum		1.00	mg/L		05/16/2011	19:48			KMH
Nickel		1.01	mg/L		05/16/2011	19:48			KMH
Selenium		0.965	mg/L		05/16/2011	19:48			KMH
Silver		0.499	mg/L		05/16/2011	19:48			KMH
Sodium		209	mg/L		05/16/2011	19:48			KMH
Thallium		1.02	mg/L		05/16/2011	19:48			KMH
Tin		0.987	mg/L		05/16/2011	19:48			KMH
Titanium		1.03	mg/L		05/16/2011	19:48			KMH
Vanadium		0.983	mg/L		05/16/2011	19:48			KMH
Zinc		0.984	mg/L		05/16/2011	19:48			KMH
Initial Calibration for Metals by 200.7									
Aluminum		1.05	mg/L		05/16/2011	13:22			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-21828

QA Sample ID: AE39077

Samples AE38943 AE38944 AE38945

Analysis Comments: Selenium analyzed on 5-19-11 @ 1219.

Initial Calibration for Metals by 200.7

Antimony	0.979	mg/L	05/16/2011	13:22	KMH
Arsenic	0.969	mg/L	05/16/2011	13:22	KMH
Barium	1.00	mg/L	05/16/2011	13:22	KMH
Beryllium	0.995	mg/L	05/16/2011	13:22	KMH
Cadmium	0.980	mg/L	05/16/2011	13:22	KMH
Chromium	0.999	mg/L	05/16/2011	13:22	KMH
Cobalt	1.01	mg/L	05/16/2011	13:22	KMH
Copper	0.995	mg/L	05/16/2011	13:22	KMH
Iron	12.6	mg/L	05/16/2011	13:22	KMH
Lead	1.02	mg/L	05/16/2011	13:22	KMH
Manganese	1.00	mg/L	05/16/2011	13:22	KMH
Molybdenum	0.988	mg/L	05/16/2011	13:22	KMH
Nickel	1.01	mg/L	05/16/2011	13:22	KMH
Selenium	1.02	mg/L	05/16/2011	13:22	KMH
Silver	0.247	mg/L	05/16/2011	13:22	KMH
Sodium	102	mg/L	05/16/2011	13:22	KMH
Thallium	1.02	mg/L	05/16/2011	13:22	KMH
Tin	1.00	mg/L	05/16/2011	13:22	KMH
Titanium	0.976	mg/L	05/16/2011	13:22	KMH
Vanadium	0.991	mg/L	05/16/2011	13:22	KMH
Zinc	0.990	mg/L	05/16/2011	13:22	KMH

Metals by 200.7

Aluminum	0.724	mg/L	05/16/2011	18:28	KMH
Antimony	0.007	mg/L	05/16/2011	18:28	KMH
Arsenic	0.009	mg/L	05/16/2011	18:28	KMH
Barium	0.029	mg/L	05/16/2011	18:28	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-21828		QA Sample ID: AE39077							
Samples AE38943 AE38944 AE38945									
Analysis Comments:		Selenium analyzed on 5-19-11 @ 1219.							
Metals by 200.7									
Beryllium		0.0001	mg/L	I	05/16/2011	18:28			KMH
Cadmium		<0.0004	mg/L	U	05/16/2011	18:28			KMH
Chromium		0.008	mg/L		05/16/2011	18:28			KMH
Cobalt		0.006	mg/L		05/16/2011	18:28			KMH
Copper		0.038	mg/L		05/16/2011	18:28			KMH
Iron		21.6	mg/L		05/16/2011	18:28			KMH
Lead		0.0019	mg/L	I	05/16/2011	18:28			KMH
Manganese		0.298	mg/L		05/16/2011	18:28			KMH
Molybdenum		0.006	mg/L		05/16/2011	18:28			KMH
Nickel		0.010	mg/L		05/16/2011	18:28			KMH
Selenium		<0.0046	mg/L	U,J	05/16/2011	18:28			KMH
Silver		<0.0007	mg/L	U	05/16/2011	18:28			KMH
Sodium		68.4	mg/L		05/16/2011	18:28			KMH
Thallium		<0.0016	mg/L	U	05/16/2011	18:28			KMH
Tin		<0.0017	mg/L	U	05/16/2011	18:28			KMH
Titanium		0.041	mg/L		05/16/2011	18:28			KMH
Vanadium		0.023	mg/L		05/16/2011	18:28			KMH
Zinc		0.222	mg/L		05/16/2011	18:28			KMH
LCS for Metals by 200.7									
Aluminum		10.6	mg/L		05/16/2011	14:24			KMH
Antimony		0.491	mg/L		05/16/2011	14:24			KMH
Arsenic		0.489	mg/L		05/16/2011	14:24			KMH
Barium		0.509	mg/L		05/16/2011	14:24			KMH
Beryllium		0.507	mg/L		05/16/2011	14:24			KMH
Cadmium		0.528	mg/L		05/16/2011	14:24			KMH
Chromium		0.505	mg/L		05/16/2011	14:24			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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Batch Name: SICPWATER-21828

QA Sample ID: AE39077

Samples AE38943 AE38944 AE38945

Analysis Comments: Selenium analyzed on 5-19-11 @ 1223.

LCS for Metals by 200.7

Cobalt	0.524	mg/L		05/16/2011 14:24	KMH
Copper	0.501	mg/L		05/16/2011 14:24	KMH
Iron	10.7	mg/L		05/16/2011 14:24	KMH
Lead	0.506	mg/L		05/16/2011 14:24	KMH
Manganese	0.514	mg/L		05/16/2011 14:24	KMH
Molybdenum	0.496	mg/L		05/16/2011 14:24	KMH
Nickel	0.508	mg/L		05/16/2011 14:24	KMH
Selenium	0.494	mg/L		05/16/2011 14:24	KMH
Silver	0.496	mg/L		05/16/2011 14:24	KMH
Sodium	11.1	mg/L		05/16/2011 14:24	KMH
Thallium	0.507	mg/L		05/16/2011 14:24	KMH
Tin	0.495	mg/L		05/16/2011 14:24	KMH
Titanium	0.507	mg/L		05/16/2011 14:24	KMH
Vanadium	0.507	mg/L		05/16/2011 14:24	KMH
Zinc	0.504	mg/L		05/16/2011 14:24	KMH

RB for Metals by 200.7

Aluminum	<0.039	mg/L	U	05/16/2011 14:16	KMH
Antimony	<0.0039	mg/L	U	05/16/2011 14:16	KMH
Arsenic	<0.0038	mg/L	U	05/16/2011 14:16	KMH
Barium	<0.0002	mg/L	U	05/16/2011 14:16	KMH
Beryllium	<0.00004	mg/L	U	05/16/2011 14:16	KMH
Cadmium	<0.0004	mg/L	U	05/16/2011 14:16	KMH
Chromium	<0.0007	mg/L	U	05/16/2011 14:16	KMH
Cobalt	<0.0003	mg/L	U	05/16/2011 14:16	KMH
Copper	<0.0009	mg/L	U	05/16/2011 14:16	KMH
Iron	<0.046	mg/L	U	05/16/2011 14:16	KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-21828		QA Sample ID: AE39077							
Samples AE38943 AE38944 AE38945									
Analysis Comments:		Selenium analyzed on 5-19-11 @ 1219.							
RB for Metals by 200.7									
Lead		<0.0017	mg/L	U	05/16/2011	14:16			KMH
Manganese		<0.0004	mg/L	U	05/16/2011	14:16			KMH
Molybdenum		<0.0006	mg/L	U	05/16/2011	14:16			KMH
Nickel		<0.0002	mg/L	U	05/16/2011	14:16			KMH
Selenium		<0.0046	mg/L	U	05/16/2011	14:16			KMH
Silver		<0.0007	mg/L	U	05/16/2011	14:16			KMH
Sodium		<0.016	mg/L	U	05/16/2011	14:16			KMH
Thallium		<0.0016	mg/L	U	05/16/2011	14:16			KMH
Tin		<0.0017	mg/L	U	05/16/2011	14:16			KMH
Titanium		<0.0001	mg/L	U	05/16/2011	14:16			KMH
Vanadium		<0.0005	mg/L	U	05/16/2011	14:16			KMH
Zinc		<0.0029	mg/L	U	05/16/2011	14:16			KMH
MSD Recovery for Metals by 200.7									
Aluminum		99.8	%		05/16/2011	18:28			KMH
Antimony		95.8	%		05/16/2011	18:28			KMH
Arsenic		98.2	%		05/16/2011	18:28			KMH
Barium		100	%		05/16/2011	18:28			KMH
Beryllium		101	%		05/16/2011	18:28			KMH
Cadmium		107	%		05/16/2011	18:28			KMH
Chromium		98.6	%		05/16/2011	18:28			KMH
Cobalt		101	%		05/16/2011	18:28			KMH
Copper		100	%		05/16/2011	18:28			KMH
Iron		99.2	%		05/16/2011	18:28			KMH
Lead		97.4	%		05/16/2011	18:28			KMH
Manganese		105	%		05/16/2011	18:28			KMH
Molybdenum		98.8	%		05/16/2011	18:28			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-21828		QA Sample ID: AE39077							
Samples	AE38943 AE38944 AE38945								
Analysis Comments:		Selenium analyzed on 5-19-11 @ 1223.							
MSD Recovery for Metals by 200.7									
Nickel		99.6	%		05/16/2011	18:28			KMH
Selenium		92.8	%		05/16/2011	18:28			KMH
Silver		101	%		05/16/2011	18:28			KMH
Sodium		106	%		05/16/2011	18:28			KMH
Thallium		96.8	%		05/16/2011	18:28			KMH
Tin		81.8	%		05/16/2011	18:28			KMH
Titanium		102	%		05/16/2011	18:28			KMH
Vanadium		99.8	%		05/16/2011	18:28			KMH
Zinc		94.0	%		05/16/2011	18:28			KMH
MSD Result for Metals by 200.7									
Aluminum		11.2	mg/L		05/16/2011	18:40			KMH
Antimony		0.486	mg/L		05/16/2011	18:40			KMH
Arsenic		0.500	mg/L		05/16/2011	18:40			KMH
Barium		0.530	mg/L		05/16/2011	18:40			KMH
Beryllium		0.504	mg/L		05/16/2011	18:40			KMH
Cadmium		0.536	mg/L		05/16/2011	18:40			KMH
Chromium		0.501	mg/L		05/16/2011	18:40			KMH
Cobalt		0.513	mg/L		05/16/2011	18:40			KMH
Copper		0.538	mg/L		05/16/2011	18:40			KMH
Iron		28.3	mg/L		05/16/2011	18:40			KMH
Lead		0.489	mg/L		05/16/2011	18:40			KMH
Manganese		0.824	mg/L		05/16/2011	18:40			KMH
Molybdenum		0.500	mg/L		05/16/2011	18:40			KMH
Nickel		0.508	mg/L		05/16/2011	18:40			KMH
Selenium		0.464	mg/L		05/16/2011	18:40			KMH
Silver		0.503	mg/L		05/16/2011	18:40			KMH

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SICPWATER-21828		QA Sample ID: AE39077							
Samples AE38943 AE38944 AE38945									
Analysis Comments:		Selenium analyzed on 5-19-11 @ 1219.							
MSD Result for Metals by 200.7									
Sodium		175	mg/L		05/16/2011	18:40			KMH
Thallium		0.484	mg/L		05/16/2011	18:40			KMH
Tin		0.409	mg/L		05/16/2011	18:40			KMH
Titanium		0.551	mg/L		05/16/2011	18:40			KMH
Vanadium		0.522	mg/L		05/16/2011	18:40			KMH
Zinc		0.692	mg/L		05/16/2011	18:40			KMH
Batch Name: AMM-21842		QA Sample ID: AE39129							
Samples AE38943 AE38944 AE38945									
Ammonia		3.52	mg/L		05/18/2011	12:13			AC
Sample Dup for Ammonia		3.53	mg/L		05/18/2011	12:13			AC
Dup Precision for Ammonia		0.284	%		05/18/2011	12:13			AC
Amt Spiked for Ammonia		0.500	mg/L		05/18/2011	12:13			AC
MS Result for Ammonia		3.98	mg/L		05/18/2011	12:13			AC
MS Recovery for Ammonia		92.0	%		05/18/2011	12:13			AC
Cont Calb Rec for Ammonia		93.2	%		05/18/2011	12:13			AC
Continuing Cal. Blank for Ammonia		<0.018	mg/L	U	05/18/2011	12:13			AC
Method Blank for Ammonia		<0.018	mg/L	U	05/18/2011	12:13			AC
Continuous Calibration for Ammonia		0.932	mg/L		05/18/2011	12:13			AC
ICV for Ammonia		0.476	mg/L		05/18/2011	12:13			AC
ICV Rec for Ammonia		95.2	%		05/18/2011	12:13			AC
Batch Name: COD-21835		QA Sample ID: AE39106							
Samples AE38943 AE38944 AE38945									
Amt Spiked for COD		500	mg/L		05/17/2011	10:29			EMM
Method Blank for COD		<6.03	mg/L	U	05/17/2011	12:45			EMM
CCB for COD		<6.03	mg/L	U	05/17/2011	12:45			EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: COD-21835		QA Sample ID: AE39106							
Samples	AE38943 AE38944 AE38945								
CCVfor COD		905	mg/L		05/17/2011	12:45			EMM
CCV Conc for COD		1000	mg/L		05/17/2011	12:45			EMM
CCV Rec for COD		90.5	%		05/17/2011	12:45			EMM
Chemical Oxygen Demand		202	mg/L		05/17/2011	10:29			EMM
Sample Dup for COD		208	mg/L		05/17/2011	10:25			EMM
ICV for COD		345	mg/L		05/17/2011	10:25			EMM
ICV Conc for COD		345	mg/L		05/17/2011	12:45			EMM
ICV Rec for COD		100	%		05/17/2011	10:25			EMM
Samp Dup Precision for COD		2.93	%		05/17/2011	10:29			EMM
MS Recovery for COD		94.8	%		05/17/2011	10:29			EMM
MS Result for COD		676	mg/L		05/17/2011	10:29			EMM
Batch Name: SEAA-21930		QA Sample ID: AE38943							
Samples	AE38943 AE38944 AE38945								
Method Blank for Selenium by GFAAS		<0.0009	mg/L	U	06/06/2011	13:43			IR
Continuing Cal. Blank for Selenium by GF		<0.0009	mg/L	U	06/06/2011	23:33			IR
Continuous Calibration for Selenium by G		0.052	mg/L		06/06/2011	23:09			IR
CCV Rec for Selenium by GFAAS		104	%		06/06/2011	23:09			IR
Initial Calibration for Selenium by GFAA		0.052	mg/L		06/06/2011	14:18			IR
ICV Rec for Selenium by GFAAS		104	%		06/06/2011	14:18			IR
Lab Control for Selenium by GFAAS		0.054	mg/L		06/06/2011	14:06			IR
LCS Rec for Selenium by GFAAS		108	%		06/06/2011	14:06			IR
MS Rec for Selenium by GFAAS		92.0	%		06/06/2011	14:30			IR
Reagent Blank for Selenium by GFAAS		<0.0009	mg/L	U	06/06/2011	13:55			IR
MSD Recovery for Selenium by GFAAS		94.0	%		06/06/2011	14:30			IR
MS Result for Selenium by GFAAS		0.046	mg/L		06/06/2011	14:42			IR
MSD Result for Selenium by GFAAS		0.047	mg/L		06/06/2011	14:54			IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed		MDL	PQL	Analyst
Batch Name: SEAA-21930		QA Sample ID: AE38943							
Samples	AE38943 AE38944 AE38945								
Selenium by GFAAS		<0.0009	mg/L	U	06/06/2011	14:30			IR
MS/MSD Precision for Selenium by GFAAS		2.15	%		06/06/2011	14:42			IR

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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DATA QUALIFIER CODES

A	Value reported is the mean (average) of two or more determinations
B	Results based upon colony counts outside the acceptable range. This code applies to microbiological tests, specifically to membrane filter colony counts, and is used only if the colony count is generated from a plate in which the total number of coliform colonies <u>exceeds</u> the method indicated ideal ranges.
C	Analysis performed by contract laboratory
E	Indicates that extra samples were taken at composite stations
H	Value based on field kit determination; results may not be accurate
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J	*Estimated value
K	Indicates off scale low and the actual value is known to be less than the value listed. Used if the value is less than the lowest calibration standard when the calibration curve is known to be non-linear. Can also be used if the actual value is known to be less than the reported value based on sample size, dilution.
L	Off scale high and the actual value is known to be greater than the reported value. Used when the sample concentration of the analyte exceeds the linear range or highest calibration standard and the calibration curve is known to exhibit a negative deflection.
M	To be used for chemical analysis: the presence of the analyte is verified but not quantified and the actual value is less than the value reported. Presumptive evidence of presence of compound. To be used when the compound has been determined by
N	TIC (mass spectral library search) or if presence of the compound cannot be confirmed using alternate procedures
O	Indicates analysis was lost or not performed
Q	Analyzed after holding time expired
R	Significant rain in the past 24 hours
T	Reported value is less than the laboratory method detection limit. The value is reported for informational purposes only and is not used in statistical analysis.
U	Indicated that the compound was analyzed for but not detected
V	Indicates that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of the 10 times the blank value was equal to or greater than the associated sample value. Note: unless specified by the method, the value in the blank shall not be subtracted from associated samples
X	Time of collection not provided
Y	Laboratory analysis was performed on sample, which was unpreserved or improperly preserved, therefore, the data may be inaccurate.
Z	Too many colonies present. (TNTC)
*	Analysis was not performed due to interference
#	No sample received
?	Data are rejected should not be used since some or all quality control data for the analyte fall outside limits and the presence or absence of the analyte cannot be determined from the data
"-"	no data reported
!	Data deviate from historically established concentration ranges
	*Note

a "J" value shall not be used as a substitute for K,L,M,T,V or Y, however, if additional reasons exist for identifying the value as an estimate (e.g., matrix spiked failed to meet acceptance criteria), the "J" code may be added to a K,L,M, T,V, or Y. Examples of situations in which code "J" must be reported include:

- + where a quality control item associated with the reported value(s) failed to meet the established quality control criteria (the specific failure must be identified)
- + when the sample matrix interferes with the ability to make any accurate determination
- + when data is questionable due to improper or field protocols
- + when the analyte was detected at or above the method detection limits (MDL) in a blank other than the method blank (such as calibration blank or field-generated blanks and the value of 10 times the blank value was equal to or greater than the associated sample value)
- + when the field or laboratory calibrations or calibration verifications did not meet calibration acceptance criteria.

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	PQL	Analyst
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SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 FAX 813-855-2218



Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description Lift Station #1 AE37560
Matrix Wastewater
SAL Sample Number 1102487-01
Date/Time Collected 04/26/11 09:20
Collected by David E. Wells
Date/Time Received 04/27/11 10:48

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
<u>Volatile Organic Compounds</u>								
Acetone	ug/L	16	EPA 8260	4.0	2.0		04/27/11 21:01	JRW
Acetonitrile	ug/L	35	EPA 8260	4.0	2.1		04/27/11 21:01	JRW
Acrolein	ug/L	1.2 U	EPA 8260	4.0	1.2		04/27/11 21:01	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		04/27/11 21:01	JRW
Allyl chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Benzene	ug/L	5.3	EPA 8260	0.8	0.1		04/27/11 21:01	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 21:01	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		04/27/11 21:01	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		04/27/11 21:01	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Chlorobenzene	ug/L	5.4	EPA 8260	0.8	0.1		04/27/11 21:01	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		04/27/11 21:01	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		04/27/11 21:01	JRW
Chloroprene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 21:01	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
1,2-Dichlorobenzene	ug/L	0.2 I	EPA 8260	0.8	0.1		04/27/11 21:01	JRW
1,3-Dichlorobenzene	ug/L	0.07 U	EPA 8260	0.8	0.07		04/27/11 21:01	JRW
1,4-Dichlorobenzene	ug/L	5.1	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		04/27/11 21:01	JRW
Dichlorodifluoromethane	ug/L	0.5 U	EPA 8260	1.6	0.5		04/27/11 21:01	JRW
1,1-Dichloroethane	ug/L	0.2 I	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
1,2-Dichloroethane	ug/L	0.9	EPA 8260	0.8	0.1		04/27/11 21:01	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
cis-1,2-Dichloroethene	ug/L	0.4 I	EPA 8260	0.8	0.09		04/27/11 21:01	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
1,2-Dichloropropane	ug/L	0.4 I	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
1,3-Dichloropropane	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 21:01	JRW
2,2-Dichloropropane	ug/L	0.3 U	EPA 8260	0.8	0.3		04/27/11 21:01	JRW
1,1-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 21:01	JRW

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description Lift Station #1 AE37560
Matrix Wastewater
SAL Sample Number 1102487-01
Date/Time Collected 04/26/11 09:20
Collected by David E. Wells
Date/Time Received 04/27/11 10:48

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Ethylbenzene	ug/L	15	EPA 8260	0.8	0.08		04/27/11 21:01	JRW
Ethyl Methacrylate	ug/L	0.3 U	EPA 8260	0.8	0.3		04/27/11 21:01	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		04/27/11 21:01	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Isobutyl alcohol	ug/L	14 U	EPA 8260	20	14		04/27/11 21:01	JRW
Methacrylonitrile	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Methyl methacrylate	ug/L	0.3 U	EPA 8260	0.8	0.3		04/27/11 21:01	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		04/27/11 21:01	JRW
Propionitrile	ug/L	2.2 U	EPA 8260	4.0	2.2		04/27/11 21:01	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		04/27/11 21:01	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 21:01	JRW
Toluene	ug/L	0.9	EPA 8260	0.8	0.09		04/27/11 21:01	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		04/27/11 21:01	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		04/27/11 21:01	JRW
Vinyl chloride	ug/L	1.3 I	EPA 8260	1.6	0.3		04/27/11 21:01	JRW
Xylene-m,p	ug/L	12	EPA 8260	1.6	0.2		04/27/11 21:01	JRW
Xylene-o	ug/L	4.0	EPA 8260	0.8	0.2		04/27/11 21:01	JRW
Xylenes- Total	ug/L	16	EPA 8260	0.8	0.1		04/27/11 21:01	JRW

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0056 U	EPA 8011	0.023	0.0056	04/27/11 16:55	04/28/11 09:21	BTJ
1,2-Dibromoethane	ug/L	0.0056 U	EPA 8011	0.023	0.0056	04/27/11 16:55	04/28/11 09:21	BTJ

OrganoChlorine Pesticides

Aldrin	ug/L	0.005 U	EPA 8081	0.041	0.005	05/03/11 10:06	05/05/11 10:24	DB
alpha-BHC	ug/L	0.009 U	EPA 8081	0.041	0.009	05/03/11 10:06	05/05/11 10:24	DB
beta-BHC	ug/L	0.008 U	EPA 8081	0.041	0.008	05/03/11 10:06	05/05/11 10:24	DB
delta-BHC	ug/L	0.006 U	EPA 8081	0.041	0.006	05/03/11 10:06	05/05/11 10:24	DB
gamma-BHC	ug/L	0.009 U	EPA 8081	0.041	0.009	05/03/11 10:06	05/05/11 10:24	DB
Chlordane	ug/L	0.052 U	EPA 8081	0.10	0.052	05/03/11 10:06	05/05/11 10:24	DB
4,4'-DDD	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 10:24	DB

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description Lift Station #1 AE37560
Matrix Wastewater
SAL Sample Number 1102487-01
Date/Time Collected 04/26/11 09:20
Collected by David E. Wells
Date/Time Received 04/27/11 10:48

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
4,4'-DDE	ug/L	0.007 U	EPA 8081	0.041	0.007	05/03/11 10:06	05/05/11 10:24	DB
4,4'-DDT	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 10:24	DB
Dieldrin	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 10:24	DB
Endosulfan I	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 10:24	DB
Endosulfan II	ug/L	0.008 U	EPA 8081	0.041	0.008	05/03/11 10:06	05/05/11 10:24	DB
Endosulfan sulfate	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 10:24	DB
Endrin	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 10:24	DB
Endrin Aldehyde	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 10:24	DB
Endrin ketone	ug/L	0.006 U	EPA 8081	0.041	0.006	05/03/11 10:06	05/05/11 10:24	DB
Heptachlor	ug/L	0.008 U	EPA 8081	0.041	0.008	05/03/11 10:06	05/05/11 10:24	DB
Heptachlor epoxide	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 10:24	DB
Methoxychlor	ug/L	0.049 U	EPA 8081	0.17	0.049	05/03/11 10:06	05/05/11 10:24	DB
Toxaphene	ug/L	0.13 U	EPA 8081	0.52	0.13	05/03/11 10:06	05/05/11 10:24	DB
Chlorinated Herbicides								
2,4-D	ug/L	0.90 U	EPA 8321	5.0	0.90	04/29/11 08:33	05/01/11 06:12	JKS
2,4,5-T	ug/L	0.70 U	EPA 8321	5.0	0.70	04/29/11 08:33	05/04/11 03:35	JKS
2,4,5-TP	ug/L	0.90 U	EPA 8321	5.0	0.90	04/29/11 08:33	05/01/11 06:12	JKS
Dinoseb	ug/L	3.0 U	EPA 8321	5.0	3.0	04/29/11 08:33	05/01/11 06:12	JKS
Polychlorinated Biphenyls (PCBs)								
PCB-1016	ug/L	0.068 U	EPA 8082	0.207	0.068	05/03/11 10:07	05/05/11 21:42	DB
PCB-1221	ug/L	0.073 U	EPA 8082	0.207	0.073	05/03/11 10:07	05/05/11 21:42	DB
PCB-1232	ug/L	0.073 U	EPA 8082	0.207	0.073	05/03/11 10:07	05/05/11 21:42	DB
PCB-1242	ug/L	0.068 U	EPA 8082	0.207	0.068	05/03/11 10:07	05/05/11 21:42	DB
PCB-1248	ug/L	0.073 U	EPA 8082	0.207	0.073	05/03/11 10:07	05/05/11 21:42	DB
PCB-1254	ug/L	0.073 U	EPA 8082	0.207	0.073	05/03/11 10:07	05/05/11 21:42	DB
PCB-1260	ug/L	0.066 U	EPA 8082	0.207	0.066	05/03/11 10:07	05/05/11 21:42	DB
Base/Neutral and Acid Extractable Organic Compounds								
Acenaphthene	ug/L	0.6	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 16:27	BTJ
Acenaphthylene	ug/L	0.002 U	EPA 8270	0.02	0.002	04/29/11 09:00	05/05/11 16:27	BTJ
Anthracene	ug/L	0.4	EPA 8270	0.02	0.003	04/29/11 09:00	05/05/11 16:27	BTJ
Benzo(a)anthracene	ug/L	0.002 U	EPA 8270	0.02	0.002	04/29/11 09:00	05/05/11 16:27	BTJ
Benzo(b)fluoranthene	ug/L	0.003 U	EPA 8270	0.02	0.003	04/29/11 09:00	05/05/11 16:27	BTJ
Benzo(k)fluoranthene	ug/L	0.005 U	EPA 8270	0.02	0.005	04/29/11 09:00	05/05/11 16:27	BTJ
Benzo(g,h,i)perylene	ug/L	0.01 U	EPA 8270	0.02	0.01	04/29/11 09:00	05/05/11 16:27	BTJ
Benzo(a)pyrene	ug/L	0.002 U	EPA 8270	0.02	0.002	04/29/11 09:00	05/05/11 16:27	BTJ
1,2,4,5-Tetrachlorobenzene	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 17:29	BTJ

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description Lift Station #1 AE37560
Matrix Wastewater
SAL Sample Number 1102487-01
Date/Time Collected 04/26/11 09:20
Collected by David E. Wells
Date/Time Received 04/27/11 10:48

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
1,2,4-Trichlorobenzene	ug/L	0.2 U,J5	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 17:29	BTJ
1,3-Dinitrobenzene	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
1,4-Naphthoquinone	ug/L	1 U	EPA 8270**	11	1	04/29/11 09:00	05/04/11 17:29	BTJ
1,4-Phenylenediamine	ug/L	1 U	EPA 8270**	26	1	04/29/11 09:00	05/04/11 17:29	BTJ
1-Naphthylamine	ug/L	0.7 U	EPA 8270**	3	0.7	04/29/11 09:00	05/04/11 17:29	BTJ
2,3,4,6-Tetrachlorophenol	ug/L	0.5 U	EPA 8270**	3	0.5	04/29/11 09:00	05/04/11 17:29	BTJ
2,4,5-Trichlorophenol	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 17:29	BTJ
2,4,6-Trichlorophenol	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
2,4-Dichlorophenol	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
2,4-Dimethylphenol	ug/L	2 U	EPA 8270	11	2	04/29/11 09:00	05/04/11 17:29	BTJ
2,4-Dinitrophenol	ug/L	11 U	EPA 8270	26	11	04/29/11 09:00	05/04/11 17:29	BTJ
2,4-Dinitrotoluene	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 17:29	BTJ
2,6-Dinitrotoluene	ug/L	0.4 U	EPA 8270	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
2-Acetylaminofluorene	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
2-Chloronaphthalene	ug/L	0.2 U	EPA 8270	3	0.2	04/29/11 09:00	05/04/11 17:29	BTJ
2-Chlorophenol	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
2-Methylphenol	ug/L	0.5 U	EPA 8270**	3	0.5	04/29/11 09:00	05/04/11 17:29	BTJ
2,6-Dichlorophenol	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
2-Naphthylamine	ug/L	0.7 U	EPA 8270**	3	0.7	04/29/11 09:00	05/04/11 17:29	BTJ
2-Nitroaniline	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 17:29	BTJ
1,3,5-Trinitrobenzene	ug/L	1 U	EPA 8270**	11	1	04/29/11 09:00	05/04/11 17:29	BTJ
2-Nitrophenol	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
o-Toluidine	ug/L	0.7 U	EPA 8270**	3	0.7	04/29/11 09:00	05/04/11 17:29	BTJ
3,3-Dichlorobenzidine	ug/L	1 U	EPA 8270	3	1	04/29/11 09:00	05/04/11 17:29	BTJ
3,3'-Dimethylbenzidine	ug/L	1 U	EPA 8270**	11	1	04/29/11 09:00	05/04/11 17:29	BTJ
3/4-Methylphenol	ug/L	0.5 U	EPA 8270**	3	0.5	04/29/11 09:00	05/04/11 17:29	BTJ
3-Methylcholanthrene	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
3-Nitroaniline	ug/L	0.5 U	EPA 8270**	3	0.5	04/29/11 09:00	05/04/11 17:29	BTJ
4,6-Dinitro-2-methylphenol	ug/L	1 U	EPA 8270	11	1	04/29/11 09:00	05/04/11 17:29	BTJ
4-Aminobiphenyl	ug/L	0.6 U	EPA 8270**	3	0.6	04/29/11 09:00	05/04/11 17:29	BTJ
4-Bromophenyl phenyl ether	ug/L	0.6 U	EPA 8270	3	0.6	04/29/11 09:00	05/04/11 17:29	BTJ
4-Chloro-3-methylphenol	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
4-Chloroaniline	ug/L	0.6 U	EPA 8270**	3	0.6	04/29/11 09:00	05/04/11 17:29	BTJ
4-Chlorophenyl phenyl ether	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
4-Nitroaniline	ug/L	0.5 U	EPA 8270**	3	0.5	04/29/11 09:00	05/04/11 17:29	BTJ
4-Nitrophenol	ug/L	0.5 U	EPA 8270	11	0.5	04/29/11 09:00	05/04/11 17:29	BTJ
5-Nitro-o-toluidine	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 17:29	BTJ

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 FAX 813-855-2218



Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description Lift Station #1 AE37560
Matrix Wastewater
SAL Sample Number 1102487-01
Date/Time Collected 04/26/11 09:20
Collected by David E. Wells
Date/Time Received 04/27/11 10:48

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
7,12-Dimethylbenz(a)anthracene	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
Acetophenone	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
Benzyl alcohol	ug/L	0.7 U	EPA 8270**	3	0.7	04/29/11 09:00	05/04/11 17:29	BTJ
Bis(2-chloroethoxy)methane	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
Bis(2-chloroethyl)ether	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
Bis(2-chloroisopropyl) ether	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
Bis(2-ethylhexyl)phthalate	ug/L	3 U	EPA 8270	11	3	04/29/11 09:00	05/04/11 17:29	BTJ
Butyl benzyl phthalate	ug/L	0.7 U	EPA 8270	3	0.7	04/29/11 09:00	05/04/11 17:29	BTJ
Chlorobenzilate	ug/L	0.9 U	EPA 8270**	11	0.9	04/29/11 09:00	05/04/11 17:29	BTJ
Diallate	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
Dibenzofuran	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 17:29	BTJ
Chrysene	ug/L	0.003 U	EPA 8270	0.02	0.003	04/29/11 09:00	05/05/11 16:27	BTJ
Diethyl phthalate	ug/L	0.7 U	EPA 8270	3	0.7	04/29/11 09:00	05/04/11 17:29	BTJ
Dimethoate	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
Dimethylphthalate	ug/L	1 U	EPA 8270	11	1	04/29/11 09:00	05/04/11 17:29	BTJ
Di-n-butyl phthalate	ug/L	0.6 U	EPA 8270**	3	0.6	04/29/11 09:00	05/04/11 17:29	BTJ
Di-n-octylphthalate	ug/L	0.5 U	EPA 8270	3	0.5	04/29/11 09:00	05/04/11 17:29	BTJ
Diphenylamine	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
Disulfoton	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 17:29	BTJ
Ethyl Methanesulfonate	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
Famphur	ug/L	0.5 U	EPA 8270**	3	0.5	04/29/11 09:00	05/04/11 17:29	BTJ
Hexachlorobenzene	ug/L	0.4 U	EPA 8270	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
Hexachlorobutadiene	ug/L	0.2 U	EPA 8270	3	0.2	04/29/11 09:00	05/04/11 17:29	BTJ
Hexachlorocyclopentadiene	ug/L	0.2 U	EPA 8270	3	0.2	04/29/11 09:00	05/04/11 17:29	BTJ
Hexachloroethane	ug/L	0.4 U	EPA 8270	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
Hexachloropropene	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
Isodrin	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
Isophorone	ug/L	0.2 U	EPA 8270	3	0.2	04/29/11 09:00	05/04/11 17:29	BTJ
Isosafrole	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
Kepone	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
Methapyrilene	ug/L	4 U	EPA 8270**	11	4	04/29/11 09:00	05/04/11 17:29	BTJ
Methyl Methanesulfonate	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
Nitrobenzene	ug/L	0.4 U	EPA 8270	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
N-Nitrosodibutylamine	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
N-Nitrosodiethylamine	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
N-Nitrosodimethylamine	ug/L	0.4 U	EPA 8270	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
N-Nitrosodi-n-propylamine	ug/L	0.3 U,J5	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ

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Manatee County Utility Operations Central Lab
 4751 66th St. W.
 Bradenton, FL 34210

May 11, 2011
 Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description **Lift Station #1 AE37560**
 Matrix **Wastewater**
 SAL Sample Number **1102487-01**
 Date/Time Collected **04/26/11 09:20**
 Collected by **David E. Wells**
 Date/Time Received **04/27/11 10:48**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
N-Nitrosodiphenylamine	ug/L	1 U	EPA 8270	3	1	04/29/11 09:00	05/04/11 17:29	BTJ
N-Nitrosomethylethylamine	ug/L	0.7 U	EPA 8270**	3	0.7	04/29/11 09:00	05/04/11 17:29	BTJ
N-Nitrosopiperidine	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
N-Nitrosopyrrolidine	ug/L	0.7 U	EPA 8270**	3	0.7	04/29/11 09:00	05/04/11 17:29	BTJ
O,O,O-Triethyl phosphorothioate	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
Parathion	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
Parathion,methyl	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
p-Dimethylaminoazobenzene	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
Pentachlorobenzene	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
Pentachloronitrobenzene	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
Pentachlorophenol	ug/L	2 U,J5	EPA 8270	11	2	04/29/11 09:00	05/04/11 17:29	BTJ
Dibenzo(a,h)anthracene	ug/L	0.01 U	EPA 8270	0.02	0.01	04/29/11 09:00	05/05/11 16:27	BTJ
Phenacetin	ug/L	0.6 U	EPA 8270**	3	0.6	04/29/11 09:00	05/04/11 17:29	BTJ
Phenol	ug/L	0.2 U	EPA 8270	3	0.2	04/29/11 09:00	05/04/11 17:29	BTJ
Phentermine	ug/L	16 U	EPA 8270**	53	16	04/29/11 09:00	05/04/11 17:29	BTJ
Phorate	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
Pronamide	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
Safrole	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 17:29	BTJ
Thionazin	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 17:29	BTJ
Fluoranthene	ug/L	0.001 U	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 16:27	BTJ
Fluorene	ug/L	0.5	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 16:27	BTJ
Indeno(1,2,3-cd)pyrene	ug/L	0.005 U	EPA 8270	0.02	0.005	04/29/11 09:00	05/05/11 16:27	BTJ
1-Methylnaphthalene	ug/L	1	EPA 8270**	0.02	0.001	04/29/11 09:00	05/05/11 16:27	BTJ
2-Methylnaphthalene	ug/L	1	EPA 8270**	0.02	0.002	04/29/11 09:00	05/05/11 16:27	BTJ
Naphthalene	ug/L	1	EPA 8270	0.02	0.002	04/29/11 09:00	05/05/11 16:27	BTJ
Phenanthrene	ug/L	0.2	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 16:27	BTJ
Pyrene	ug/L	0.07	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 16:27	BTJ
Inorganics								
Cyanide	mg/L	0.0070 I	SM 4500CN-E	0.020	0.0050	05/04/11 10:00	05/04/11 14:30	MJV
Sulfide	mg/L	1.2	SM 4500SF	0.40	0.10		04/29/11 09:30	MMF

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description Lift Station #2 AE37561
Matrix Wastewater
SAL Sample Number 1102487-02
Date/Time Collected 04/26/11 10:00
Collected by David E. Wells
Date/Time Received 04/27/11 10:48

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	9.3	EPA 8260	4.0	2.0		04/27/11 21:35	JRW
Acetonitrile	ug/L	2.1 U	EPA 8260	4.0	2.1		04/27/11 21:35	JRW
Acrolein	ug/L	1.2 U	EPA 8260	4.0	1.2		04/27/11 21:35	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		04/27/11 21:35	JRW
Allyl chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Benzene	ug/L	3.5	EPA 8260	0.8	0.1		04/27/11 21:35	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 21:35	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		04/27/11 21:35	JRW
2-Butanone	ug/L	2.0 U	EPA 8260	4.0	2.0		04/27/11 21:35	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Chlorobenzene	ug/L	4.5	EPA 8260	0.8	0.1		04/27/11 21:35	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		04/27/11 21:35	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		04/27/11 21:35	JRW
Chloroprene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 21:35	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
1,2-Dichlorobenzene	ug/L	0.1 I	EPA 8260	0.8	0.1		04/27/11 21:35	JRW
1,3-Dichlorobenzene	ug/L	3.5	EPA 8260	0.8	0.07		04/27/11 21:35	JRW
1,4-Dichlorobenzene	ug/L	3.3	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		04/27/11 21:35	JRW
Dichlorodifluoromethane	ug/L	0.5 U	EPA 8260	1.6	0.5		04/27/11 21:35	JRW
1,1-Dichloroethane	ug/L	0.2 I	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
1,2-Dichloroethane	ug/L	0.7 I	EPA 8260	0.8	0.1		04/27/11 21:35	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
cis-1,2-Dichloroethene	ug/L	0.5 I	EPA 8260	0.8	0.09		04/27/11 21:35	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
1,2-Dichloropropane	ug/L	0.2 I	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
1,3-Dichloropropane	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 21:35	JRW
2,2-Dichloropropane	ug/L	0.3 U	EPA 8260	0.8	0.3		04/27/11 21:35	JRW
1,1-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 21:35	JRW

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Manatee County Utility Operations Central Lab
 4751 66th St. W.
 Bradenton, FL 34210

May 11, 2011
 Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description **Lift Station #2 AE37561**
 Matrix **Wastewater**
 SAL Sample Number **1102487-02**
 Date/Time Collected **04/26/11 10:00**
 Collected by **David E. Wells**
 Date/Time Received **04/27/11 10:48**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Ethylbenzene	ug/L	8.5	EPA 8260	0.8	0.08		04/27/11 21:35	JRW
Ethyl Methacrylate	ug/L	0.3 U	EPA 8260	0.8	0.3		04/27/11 21:35	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		04/27/11 21:35	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Isobutyl alcohol	ug/L	14 U	EPA 8260	20	14		04/27/11 21:35	JRW
Methacrylonitrile	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Methyl methacrylate	ug/L	0.3 U	EPA 8260	0.8	0.3		04/27/11 21:35	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		04/27/11 21:35	JRW
Propionitrile	ug/L	2.2 U	EPA 8260	4.0	2.2		04/27/11 21:35	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		04/27/11 21:35	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 21:35	JRW
Toluene	ug/L	0.6 I	EPA 8260	0.8	0.09		04/27/11 21:35	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		04/27/11 21:35	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		04/27/11 21:35	JRW
Vinyl chloride	ug/L	1.1 I	EPA 8260	1.6	0.3		04/27/11 21:35	JRW
Xylene-m,p	ug/L	6.5	EPA 8260	1.6	0.2		04/27/11 21:35	JRW
Xylene-o	ug/L	2.2	EPA 8260	0.8	0.2		04/27/11 21:35	JRW
Xylenes- Total	ug/L	8.7	EPA 8260	0.8	0.1		04/27/11 21:35	JRW

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0067 U	EPA 8011	0.027	0.0067	04/27/11 16:55	04/28/11 09:42	BTJ
1,2-Dibromoethane	ug/L	0.0067 U	EPA 8011	0.027	0.0067	04/27/11 16:55	04/28/11 09:42	BTJ

OrganoChlorine Pesticides

Aldrin	ug/L	0.005 U	EPA 8081	0.041	0.005	05/03/11 10:06	05/05/11 11:39	DB
alpha-BHC	ug/L	0.009 U	EPA 8081	0.041	0.009	05/03/11 10:06	05/05/11 11:39	DB
beta-BHC	ug/L	0.008 U	EPA 8081	0.041	0.008	05/03/11 10:06	05/05/11 11:39	DB
delta-BHC	ug/L	0.006 U	EPA 8081	0.041	0.006	05/03/11 10:06	05/05/11 11:39	DB
gamma-BHC	ug/L	0.009 U	EPA 8081	0.041	0.009	05/03/11 10:06	05/05/11 11:39	DB
Chlordane	ug/L	0.051 U	EPA 8081	0.10	0.051	05/03/11 10:06	05/05/11 11:39	DB
4,4'-DDD	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 11:39	DB

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4751 66th St. W.
Bradenton, FL 34210

May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description Lift Station #2 AE37561
Matrix Wastewater
SAL Sample Number 1102487-02
Date/Time Collected 04/26/11 10:00
Collected by David E. Wells
Date/Time Received 04/27/11 10:48

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
4,4'-DDE	ug/L	0.007 U	EPA 8081	0.041	0.007	05/03/11 10:06	05/05/11 11:39	DB
4,4'-DDT	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 11:39	DB
Dieldrin	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 11:39	DB
Endosulfan I	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 11:39	DB
Endosulfan II	ug/L	0.008 U	EPA 8081	0.041	0.008	05/03/11 10:06	05/05/11 11:39	DB
Endosulfan sulfate	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 11:39	DB
Endrin	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 11:39	DB
Endrin Aldehyde	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 11:39	DB
Endrin ketone	ug/L	0.006 U	EPA 8081	0.041	0.006	05/03/11 10:06	05/05/11 11:39	DB
Heptachlor	ug/L	0.008 U	EPA 8081	0.041	0.008	05/03/11 10:06	05/05/11 11:39	DB
Heptachlor epoxide	ug/L	0.010 U	EPA 8081	0.041	0.010	05/03/11 10:06	05/05/11 11:39	DB
Methoxychlor	ug/L	0.048 U	EPA 8081	0.16	0.048	05/03/11 10:06	05/05/11 11:39	DB
Toxaphene	ug/L	0.13 U	EPA 8081	0.51	0.13	05/03/11 10:06	05/05/11 11:39	DB
Chlorinated Herbicides								
2,4-D	ug/L	0.090 U	EPA 8321	0.50	0.090	04/29/11 08:33	05/01/11 07:48	JKS
2,4,5-T	ug/L	0.070 U	EPA 8321	0.50	0.070	04/29/11 08:33	05/04/11 04:22	JKS
2,4,5-TP	ug/L	0.090 U	EPA 8321	0.50	0.090	04/29/11 08:33	05/01/11 07:48	JKS
Dinoseb	ug/L	0.30 U	EPA 8321	0.50	0.30	04/29/11 08:33	05/01/11 07:48	JKS
Polychlorinated Biphenyls (PCBs)								
PCB-1016	ug/L	0.068 U	EPA 8082	0.205	0.068	05/03/11 10:07	05/05/11 22:58	DB
PCB-1221	ug/L	0.072 U	EPA 8082	0.205	0.072	05/03/11 10:07	05/05/11 22:58	DB
PCB-1232	ug/L	0.072 U	EPA 8082	0.205	0.072	05/03/11 10:07	05/05/11 22:58	DB
PCB-1242	ug/L	0.068 U	EPA 8082	0.205	0.068	05/03/11 10:07	05/05/11 22:58	DB
PCB-1248	ug/L	0.072 U	EPA 8082	0.205	0.072	05/03/11 10:07	05/05/11 22:58	DB
PCB-1254	ug/L	0.072 U	EPA 8082	0.205	0.072	05/03/11 10:07	05/05/11 22:58	DB
PCB-1260	ug/L	0.066 U	EPA 8082	0.205	0.066	05/03/11 10:07	05/05/11 22:58	DB
Base/Neutral and Acid Extractable Organic Compounds								
Acenaphthene	ug/L	0.1	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 16:57	BTJ
Acenaphthylene	ug/L	0.002 U	EPA 8270	0.02	0.002	04/29/11 09:00	05/05/11 16:57	BTJ
Anthracene	ug/L	0.06	EPA 8270	0.02	0.002	04/29/11 09:00	05/05/11 16:57	BTJ
Benzo(a)anthracene	ug/L	0.02	EPA 8270	0.02	0.002	04/29/11 09:00	05/05/11 16:57	BTJ
Benzo(b)fluoranthene	ug/L	0.003 U	EPA 8270	0.02	0.003	04/29/11 09:00	05/05/11 16:57	BTJ
Benzo(k)fluoranthene	ug/L	0.005 U	EPA 8270	0.02	0.005	04/29/11 09:00	05/05/11 16:57	BTJ
Benzo(g,h,i)perylene	ug/L	0.01 U	EPA 8270	0.02	0.01	04/29/11 09:00	05/05/11 16:57	BTJ
Benzo(a)pyrene	ug/L	0.002 U	EPA 8270	0.02	0.002	04/29/11 09:00	05/05/11 16:57	BTJ
1,2,4,5-Tetrachlorobenzene	ug/L	0.04 U	EPA 8270**	0.5	0.04	04/29/11 09:00	05/04/11 20:31	BTJ

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 FAX 813-855-2218

**Manatee County Utility Operations Central Lab****4751 66th St. W.****Bradenton, FL 34210****May 11, 2011****Work Order: 1102487****Laboratory Report****Project Name** Lena Rd County LF-Leachates

Sample Description Lift Station #2 AE37561
Matrix Wastewater
SAL Sample Number 1102487-02
Date/Time Collected 04/26/11 10:00
Collected by David E. Wells
Date/Time Received 04/27/11 10:48

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
1,2,4-Trichlorobenzene	ug/L	0.05 U	EPA 8270**	0.5	0.05	04/29/11 09:00	05/04/11 20:31	BTJ
1,3-Dinitrobenzene	ug/L	0.07 U	EPA 8270**	0.5	0.07	04/29/11 09:00	05/04/11 20:31	BTJ
1,4-Naphthoquinone	ug/L	0.2 U	EPA 8270**	2	0.2	04/29/11 09:00	05/04/11 20:31	BTJ
1,4-Phenylenediamine	ug/L	0.3 U	EPA 8270**	5	0.3	04/29/11 09:00	05/04/11 20:31	BTJ
1-Naphthylamine	ug/L	0.1 U	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
2,3,4,6-Tetrachlorophenol	ug/L	0.1 U	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
2,4,5-Trichlorophenol	ug/L	0.04 U	EPA 8270**	0.5	0.04	04/29/11 09:00	05/04/11 20:31	BTJ
2,4,6-Trichlorophenol	ug/L	0.05 U	EPA 8270	0.5	0.05	04/29/11 09:00	05/04/11 20:31	BTJ
2,4-Dichlorophenol	ug/L	0.06 U	EPA 8270	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
2,4-Dimethylphenol	ug/L	0.5 U	EPA 8270	2	0.5	04/29/11 09:00	05/04/11 20:31	BTJ
2,4-Dinitrophenol	ug/L	2 U	EPA 8270	5	2	04/29/11 09:00	05/04/11 20:31	BTJ
2,4-Dinitrotoluene	ug/L	0.05 U	EPA 8270**	0.5	0.05	04/29/11 09:00	05/04/11 20:31	BTJ
2,6-Dinitrotoluene	ug/L	0.08 U	EPA 8270	0.5	0.08	04/29/11 09:00	05/04/11 20:31	BTJ
2-Acetylaminofluorene	ug/L	0.06 U	EPA 8270**	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
2-Chloronaphthalene	ug/L	0.04 U	EPA 8270	0.5	0.04	04/29/11 09:00	05/04/11 20:31	BTJ
2-Chlorophenol	ug/L	0.06 U	EPA 8270	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
2-Methylphenol	ug/L	0.1 U	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
2,6-Dichlorophenol	ug/L	0.06 U	EPA 8270**	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
2-Naphthylamine	ug/L	0.1 U	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
2-Nitroaniline	ug/L	0.04 U	EPA 8270**	0.5	0.04	04/29/11 09:00	05/04/11 20:31	BTJ
1,3,5-Trinitrobenzene	ug/L	0.2 U	EPA 8270**	2	0.2	04/29/11 09:00	05/04/11 20:31	BTJ
2-Nitrophenol	ug/L	0.06 U	EPA 8270	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
o-Toluidine	ug/L	0.1 U	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
3,3-Dichlorobenzidine	ug/L	0.3 U	EPA 8270	0.5	0.3	04/29/11 09:00	05/04/11 20:31	BTJ
3,3'-Dimethylbenzidine	ug/L	0.3 U	EPA 8270**	2	0.3	04/29/11 09:00	05/04/11 20:31	BTJ
3/4-Methylphenol	ug/L	2	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
3-Methylcholanthrene	ug/L	0.05 U	EPA 8270**	0.5	0.05	04/29/11 09:00	05/04/11 20:31	BTJ
3-Nitroaniline	ug/L	0.09 U	EPA 8270**	0.5	0.09	04/29/11 09:00	05/04/11 20:31	BTJ
4,6-Dinitro-2-methylphenol	ug/L	0.2 U	EPA 8270	2	0.2	04/29/11 09:00	05/04/11 20:31	BTJ
4-Aminobiphenyl	ug/L	0.1 U	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
4-Bromophenyl phenyl ether	ug/L	0.1 U	EPA 8270	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
4-Chloro-3-methylphenol	ug/L	0.05 U	EPA 8270	0.5	0.05	04/29/11 09:00	05/04/11 20:31	BTJ
4-Chloroaniline	ug/L	0.1 U	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
4-Chlorophenyl phenyl ether	ug/L	0.06 U	EPA 8270	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
4-Nitroaniline	ug/L	0.1 U	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
4-Nitrophenol	ug/L	0.1 U	EPA 8270	2	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
5-Nitro-o-toluidine	ug/L	0.04 U	EPA 8270**	0.5	0.04	04/29/11 09:00	05/04/11 20:31	BTJ

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description **Lift Station #2 AE37561**
Matrix **Wastewater**
SAL Sample Number **1102487-02**
Date/Time Collected **04/26/11 10:00**
Collected by **David E. Wells**
Date/Time Received **04/27/11 10:48**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
7,12-Dimethylbenz(a)anthracene	ug/L	0.06 U	EPA 8270**	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
Acetophenone	ug/L	0.4 I	EPA 8270**	0.5	0.05	04/29/11 09:00	05/04/11 20:31	BTJ
Benzyl alcohol	ug/L	0.1 U	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
Bis(2-chloroethoxy)methane	ug/L	0.07 U	EPA 8270	0.5	0.07	04/29/11 09:00	05/04/11 20:31	BTJ
Bis(2-chloroethyl)ether	ug/L	0.06 U	EPA 8270	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
Bis(2-chloroisopropyl) ether	ug/L	0.06 U	EPA 8270	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
Bis(2-ethylhexyl)phthalate	ug/L	0.6 U	EPA 8270	2	0.6	04/29/11 09:00	05/04/11 20:31	BTJ
Butyl benzyl phthalate	ug/L	0.1 U	EPA 8270	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
Chlorobenzilate	ug/L	0.2 U	EPA 8270**	2	0.2	04/29/11 09:00	05/04/11 20:31	BTJ
Diallate	ug/L	0.08 U	EPA 8270**	0.5	0.08	04/29/11 09:00	05/04/11 20:31	BTJ
Dibenzofuran	ug/L	0.04 U	EPA 8270**	0.5	0.04	04/29/11 09:00	05/04/11 20:31	BTJ
Chrysene	ug/L	0.003 U	EPA 8270	0.02	0.003	04/29/11 09:00	05/05/11 16:57	BTJ
Diethyl phthalate	ug/L	0.1 U	EPA 8270	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
Dimethoate	ug/L	0.05 U	EPA 8270**	0.5	0.05	04/29/11 09:00	05/04/11 20:31	BTJ
Dimethylphthalate	ug/L	0.2 U	EPA 8270	2	0.2	04/29/11 09:00	05/04/11 20:31	BTJ
Di-n-butyl phthalate	ug/L	0.1 U	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
Di-n-octylphthalate	ug/L	0.1 U	EPA 8270	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
Diphenylamine	ug/L	0.1 I	EPA 8270**	0.5	0.08	04/29/11 09:00	05/04/11 20:31	BTJ
Disulfoton	ug/L	0.04 U	EPA 8270**	0.5	0.04	04/29/11 09:00	05/04/11 20:31	BTJ
Ethyl Methanesulfonate	ug/L	0.08 U	EPA 8270**	0.5	0.08	04/29/11 09:00	05/04/11 20:31	BTJ
Famphur	ug/L	0.09 U	EPA 8270**	0.5	0.09	04/29/11 09:00	05/04/11 20:31	BTJ
Hexachlorobenzene	ug/L	0.08 U	EPA 8270	0.5	0.08	04/29/11 09:00	05/04/11 20:31	BTJ
Hexachlorobutadiene	ug/L	0.05 U	EPA 8270	0.5	0.05	04/29/11 09:00	05/04/11 20:31	BTJ
Hexachlorocyclopentadiene	ug/L	0.05 U	EPA 8270	0.5	0.05	04/29/11 09:00	05/04/11 20:31	BTJ
Hexachloroethane	ug/L	0.08 U	EPA 8270	0.5	0.08	04/29/11 09:00	05/04/11 20:31	BTJ
Hexachloropropene	ug/L	0.07 U	EPA 8270**	0.5	0.07	04/29/11 09:00	05/04/11 20:31	BTJ
Isodrin	ug/L	0.07 U	EPA 8270**	0.5	0.07	04/29/11 09:00	05/04/11 20:31	BTJ
Isophorone	ug/L	0.04 U	EPA 8270	0.5	0.04	04/29/11 09:00	05/04/11 20:31	BTJ
Isosafrole	ug/L	0.06 U	EPA 8270**	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
Kepone	ug/L	0.08 U	EPA 8270**	0.5	0.08	04/29/11 09:00	05/04/11 20:31	BTJ
Methapyrilene	ug/L	0.7 U	EPA 8270**	2	0.7	04/29/11 09:00	05/04/11 20:31	BTJ
Methyl Methanesulfonate	ug/L	0.05 U	EPA 8270**	0.5	0.05	04/29/11 09:00	05/04/11 20:31	BTJ
Nitrobenzene	ug/L	0.08 U	EPA 8270	0.5	0.08	04/29/11 09:00	05/04/11 20:31	BTJ
N-Nitrosodibutylamine	ug/L	0.05 U	EPA 8270**	0.5	0.05	04/29/11 09:00	05/04/11 20:31	BTJ
N-Nitrosodiethylamine	ug/L	0.06 U	EPA 8270**	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
N-Nitrosodimethylamine	ug/L	0.08 U	EPA 8270	0.5	0.08	04/29/11 09:00	05/04/11 20:31	BTJ
N-Nitrosodi-n-propylamine	ug/L	0.07 U	EPA 8270**	0.5	0.07	04/29/11 09:00	05/04/11 20:31	BTJ

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description **Lift Station #2 AE37561**
Matrix **Wastewater**
SAL Sample Number **1102487-02**
Date/Time Collected **04/26/11 10:00**
Collected by **David E. Wells**
Date/Time Received **04/27/11 10:48**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
N-Nitrosodiphenylamine	ug/L	0.2 U	EPA 8270	0.5	0.2	04/29/11 09:00	05/04/11 20:31	BTJ
N-Nitrosomethylethylamine	ug/L	0.1 U	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
N-Nitrosopiperidine	ug/L	0.08 U	EPA 8270**	0.5	0.08	04/29/11 09:00	05/04/11 20:31	BTJ
N-Nitrosopyrrolidine	ug/L	0.1 U	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
O,O,O-Triethyl phosphorothioate	ug/L	0.08 U	EPA 8270**	0.5	0.08	04/29/11 09:00	05/04/11 20:31	BTJ
Parathion	ug/L	0.09 U	EPA 8270**	0.5	0.09	04/29/11 09:00	05/04/11 20:31	BTJ
Parathion,methyl	ug/L	0.06 U	EPA 8270**	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
p-Dimethylaminoazobenzene	ug/L	0.06 U	EPA 8270**	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
Pentachlorobenzene	ug/L	0.07 U	EPA 8270**	0.5	0.07	04/29/11 09:00	05/04/11 20:31	BTJ
Pentachloronitrobenzene	ug/L	0.07 U	EPA 8270**	0.5	0.07	04/29/11 09:00	05/04/11 20:31	BTJ
Pentachlorophenol	ug/L	0.3 U	EPA 8270	2	0.3	04/29/11 09:00	05/04/11 20:31	BTJ
Dibenzo(a,h)anthracene	ug/L	0.01 U	EPA 8270	0.02	0.01	04/29/11 09:00	05/05/11 16:57	BTJ
Phenacetin	ug/L	0.1 U	EPA 8270**	0.5	0.1	04/29/11 09:00	05/04/11 20:31	BTJ
Phenol	ug/L	0.9	EPA 8270	0.5	0.04	04/29/11 09:00	05/04/11 20:31	BTJ
Phentermine	ug/L	3 U	EPA 8270**	10	3	04/29/11 09:00	05/04/11 20:31	BTJ
Phorate	ug/L	0.06 U	EPA 8270**	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
Pronamide	ug/L	0.06 U	EPA 8270**	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
Safrole	ug/L	0.06 U	EPA 8270**	0.5	0.06	04/29/11 09:00	05/04/11 20:31	BTJ
Thionazin	ug/L	0.08 U	EPA 8270**	0.5	0.08	04/29/11 09:00	05/04/11 20:31	BTJ
Fluoranthene	ug/L	0.04	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 16:57	BTJ
Fluorene	ug/L	0.1	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 16:57	BTJ
Indeno(1,2,3-cd)pyrene	ug/L	0.005 U	EPA 8270	0.02	0.005	04/29/11 09:00	05/05/11 16:57	BTJ
1-Methylnaphthalene	ug/L	0.1	EPA 8270**	0.02	0.001	04/29/11 09:00	05/05/11 16:57	BTJ
2-Methylnaphthalene	ug/L	0.2	EPA 8270**	0.02	0.002	04/29/11 09:00	05/05/11 16:57	BTJ
Naphthalene	ug/L	0.4	EPA 8270	0.02	0.002	04/29/11 09:00	05/05/11 16:57	BTJ
Phenanthrene	ug/L	0.04	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 16:57	BTJ
Pyrene	ug/L	0.1	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 16:57	BTJ
Inorganics								
Cyanide	mg/L	0.0050 U	SM 4500CN-E	0.020	0.0050	05/04/11 10:00	05/04/11 14:30	MJV
Sulfide	mg/L	0.82	SM 4500SF	0.40	0.10		04/29/11 09:30	MMF

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description Lift Station #3 AE37562
Matrix Wastewater
SAL Sample Number 1102487-03
Date/Time Collected 04/26/11 09:35
Collected by David E. Wells
Date/Time Received 04/27/11 10:48

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Volatile Organic Compounds								
Acetone	ug/L	6.5	EPA 8260	4.0	2.0		04/27/11 22:09	JRW
Acetonitrile	ug/L	2.1 U	EPA 8260	4.0	2.1		04/27/11 22:09	JRW
Acrolein	ug/L	1.2 U	EPA 8260	4.0	1.2		04/27/11 22:09	JRW
Acrylonitrile	ug/L	1.3 U	EPA 8260	4.0	1.3		04/27/11 22:09	JRW
Allyl chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Benzene	ug/L	6.3	EPA 8260	0.8	0.1		04/27/11 22:09	JRW
Bromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 22:09	JRW
Bromodichloromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Bromoform	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Bromomethane	ug/L	0.4 U	EPA 8260	0.8	0.4		04/27/11 22:09	JRW
2-Butanone	ug/L	5.8	EPA 8260	4.0	2.0		04/27/11 22:09	JRW
Carbon disulfide	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Carbon tetrachloride	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Chlorobenzene	ug/L	6.9	EPA 8260	0.8	0.1		04/27/11 22:09	JRW
Chloroethane	ug/L	0.4 U	EPA 8260	1.6	0.4		04/27/11 22:09	JRW
Chloroform	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Chloromethane	ug/L	0.4 U	EPA 8260	1.6	0.4		04/27/11 22:09	JRW
Chloroprene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Dibromochloromethane	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 22:09	JRW
Dibromomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
1,2-Dichlorobenzene	ug/L	0.2 I	EPA 8260	0.8	0.1		04/27/11 22:09	JRW
1,3-Dichlorobenzene	ug/L	0.07 U	EPA 8260	0.8	0.07		04/27/11 22:09	JRW
1,4-Dichlorobenzene	ug/L	3.8	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
trans-1,4-Dichloro-2-butene	ug/L	0.3 U	EPA 8260	0.8	0.3		04/27/11 22:09	JRW
Dichlorodifluoromethane	ug/L	0.5 U	EPA 8260	1.6	0.5		04/27/11 22:09	JRW
1,1-Dichloroethane	ug/L	0.3 I	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
1,2-Dichloroethane	ug/L	1.7	EPA 8260	0.8	0.1		04/27/11 22:09	JRW
1,1-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
cis-1,2-Dichloroethene	ug/L	2.5	EPA 8260	0.8	0.09		04/27/11 22:09	JRW
trans-1,2-Dichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
1,2-Dichloropropane	ug/L	0.4 I	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
1,3-Dichloropropane	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 22:09	JRW
2,2-Dichloropropane	ug/L	0.3 U	EPA 8260	0.8	0.3		04/27/11 22:09	JRW
1,1-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
cis-1,3-Dichloropropene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
trans-1,3-Dichloropropene	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 22:09	JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description Lift Station #3 AE37562
Matrix Wastewater
SAL Sample Number 1102487-03
Date/Time Collected 04/26/11 09:35
Collected by David E. Wells
Date/Time Received 04/27/11 10:48

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
Ethylbenzene	ug/L	4.0	EPA 8260	0.8	0.08		04/27/11 22:09	JRW
Ethyl Methacrylate	ug/L	0.3 U	EPA 8260	0.8	0.3		04/27/11 22:09	JRW
2-Hexanone	ug/L	2.1 U	EPA 8260	4.0	2.1		04/27/11 22:09	JRW
Iodomethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Isobutyl alcohol	ug/L	14 U	EPA 8260	20	14		04/27/11 22:09	JRW
Methacrylonitrile	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Methylene Chloride	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Methyl methacrylate	ug/L	0.3 U	EPA 8260	0.8	0.3		04/27/11 22:09	JRW
4-Methyl-2-pentanone	ug/L	2.6 U	EPA 8260	4.0	2.6		04/27/11 22:09	JRW
Propionitrile	ug/L	2.2 U	EPA 8260	4.0	2.2		04/27/11 22:09	JRW
Styrene	ug/L	0.05 U	EPA 8260	0.8	0.05		04/27/11 22:09	JRW
1,1,1,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
1,1,2,2-Tetrachloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Tetrachloroethene	ug/L	0.1 U	EPA 8260	0.8	0.1		04/27/11 22:09	JRW
Toluene	ug/L	0.5 I	EPA 8260	0.8	0.09		04/27/11 22:09	JRW
1,1,1-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
1,1,2-Trichloroethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Trichloroethene	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Trichlorofluoromethane	ug/L	0.2 U	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
1,2,3-Trichloropropane	ug/L	0.4 U	EPA 8260	0.8	0.4		04/27/11 22:09	JRW
Vinyl acetate	ug/L	0.4 U	EPA 8260	1.6	0.4		04/27/11 22:09	JRW
Vinyl chloride	ug/L	3.4	EPA 8260	1.6	0.3		04/27/11 22:09	JRW
Xylene-m,p	ug/L	1.7	EPA 8260	1.6	0.2		04/27/11 22:09	JRW
Xylene-o	ug/L	1.1	EPA 8260	0.8	0.2		04/27/11 22:09	JRW
Xylenes- Total	ug/L	2.8	EPA 8260	0.8	0.1		04/27/11 22:09	JRW

Pesticide Analyses

1,2-Dibromo-3-chloropropane	ug/L	0.0068 U	EPA 8011	0.027	0.0068	04/27/11 16:55	04/28/11 10:03	BTJ
1,2-Dibromoethane	ug/L	0.0068 U	EPA 8011	0.027	0.0068	04/27/11 16:55	04/28/11 10:03	BTJ

OrganoChlorine Pesticides

Aldrin	ug/L	0.005 U	EPA 8081	0.042	0.005	05/03/11 10:06	05/05/11 12:04	DB
alpha-BHC	ug/L	0.009 U	EPA 8081	0.042	0.009	05/03/11 10:06	05/05/11 12:04	DB
beta-BHC	ug/L	0.008 U	EPA 8081	0.042	0.008	05/03/11 10:06	05/05/11 12:04	DB
delta-BHC	ug/L	0.006 U	EPA 8081	0.042	0.006	05/03/11 10:06	05/05/11 12:04	DB
gamma-BHC	ug/L	0.009 U	EPA 8081	0.042	0.009	05/03/11 10:06	05/05/11 12:04	DB
Chlordane	ug/L	0.052 U	EPA 8081	0.10	0.052	05/03/11 10:06	05/05/11 12:04	DB
4,4'-DDD	ug/L	0.010 U	EPA 8081	0.042	0.010	05/03/11 10:06	05/05/11 12:04	DB

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Manatee County Utility Operations Central Lab
 4751 66th St. W.
 Bradenton, FL 34210

May 11, 2011
 Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description **Lift Station #3 AE37562**
 Matrix **Wastewater**
 SAL Sample Number **1102487-03**
 Date/Time Collected **04/26/11 09:35**
 Collected by **David E. Wells**
 Date/Time Received **04/27/11 10:48**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
4,4'-DDE	ug/L	0.007 U	EPA 8081	0.042	0.007	05/03/11 10:06	05/05/11 12:04	DB
4,4'-DDT	ug/L	0.010 U	EPA 8081	0.042	0.010	05/03/11 10:06	05/05/11 12:04	DB
Dieldrin	ug/L	0.010 U	EPA 8081	0.042	0.010	05/03/11 10:06	05/05/11 12:04	DB
Endosulfan I	ug/L	0.010 U	EPA 8081	0.042	0.010	05/03/11 10:06	05/05/11 12:04	DB
Endosulfan II	ug/L	0.009 U	EPA 8081	0.042	0.009	05/03/11 10:06	05/05/11 12:04	DB
Endosulfan sulfate	ug/L	0.010 U	EPA 8081	0.042	0.010	05/03/11 10:06	05/05/11 12:04	DB
Endrin	ug/L	0.010 U	EPA 8081	0.042	0.010	05/03/11 10:06	05/05/11 12:04	DB
Endrin Aldehyde	ug/L	0.010 U	EPA 8081	0.042	0.010	05/03/11 10:06	05/05/11 12:04	DB
Endrin ketone	ug/L	0.006 U	EPA 8081	0.042	0.006	05/03/11 10:06	05/05/11 12:04	DB
Heptachlor	ug/L	0.008 U	EPA 8081	0.042	0.008	05/03/11 10:06	05/05/11 12:04	DB
Heptachlor epoxide	ug/L	0.010 U	EPA 8081	0.042	0.010	05/03/11 10:06	05/05/11 12:04	DB
Methoxychlor	ug/L	0.049 U	EPA 8081	0.17	0.049	05/03/11 10:06	05/05/11 12:04	DB
Toxaphene	ug/L	0.14 U	EPA 8081	0.52	0.14	05/03/11 10:06	05/05/11 12:04	DB
Chlorinated Herbicides								
2,4-D	ug/L	0.90 U	EPA 8321	5.0	0.90	04/29/11 08:33	05/01/11 05:24	JKS
2,4,5-T	ug/L	0.70 U	EPA 8321	5.0	0.70	04/29/11 08:33	05/04/11 02:47	JKS
2,4,5-TP	ug/L	0.90 U	EPA 8321	5.0	0.90	04/29/11 08:33	05/01/11 05:24	JKS
Dinoseb	ug/L	3.0 U	EPA 8321	5.0	3.0	04/29/11 08:33	05/01/11 05:24	JKS
Polychlorinated Biphenyls (PCBs)								
PCB-1016	ug/L	0.069 U	EPA 8082	0.209	0.069	05/03/11 10:07	05/05/11 23:23	DB
PCB-1221	ug/L	0.073 U	EPA 8082	0.209	0.073	05/03/11 10:07	05/05/11 23:23	DB
PCB-1232	ug/L	0.073 U	EPA 8082	0.209	0.073	05/03/11 10:07	05/05/11 23:23	DB
PCB-1242	ug/L	0.069 U	EPA 8082	0.209	0.069	05/03/11 10:07	05/05/11 23:23	DB
PCB-1248	ug/L	0.073 U	EPA 8082	0.209	0.073	05/03/11 10:07	05/05/11 23:23	DB
PCB-1254	ug/L	0.073 U	EPA 8082	0.209	0.073	05/03/11 10:07	05/05/11 23:23	DB
PCB-1260	ug/L	0.067 U	EPA 8082	0.209	0.067	05/03/11 10:07	05/05/11 23:23	DB
Base/Neutral and Acid Extractable Organic Compounds								
Acenaphthene	ug/L	0.3	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 17:27	BTJ
Acenaphthylene	ug/L	0.002 U	EPA 8270	0.02	0.002	04/29/11 09:00	05/05/11 17:27	BTJ
Anthracene	ug/L	0.2	EPA 8270	0.02	0.003	04/29/11 09:00	05/05/11 17:27	BTJ
Benzo(a)anthracene	ug/L	0.03	EPA 8270	0.02	0.002	04/29/11 09:00	05/05/11 17:27	BTJ
Benzo(b)fluoranthene	ug/L	0.003 U	EPA 8270	0.02	0.003	04/29/11 09:00	05/05/11 17:27	BTJ
Benzo(k)fluoranthene	ug/L	0.005 U	EPA 8270	0.02	0.005	04/29/11 09:00	05/05/11 17:27	BTJ
Benzo(g,h,i)perylene	ug/L	0.01 U	EPA 8270	0.02	0.01	04/29/11 09:00	05/05/11 17:27	BTJ
Benzo(a)pyrene	ug/L	0.002 U	EPA 8270	0.02	0.002	04/29/11 09:00	05/05/11 17:27	BTJ
1,2,4,5-Tetrachlorobenzene	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 18:30	BTJ

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Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description **Lift Station #3 AE37562**
Matrix **Wastewater**
SAL Sample Number **1102487-03**
Date/Time Collected **04/26/11 09:35**
Collected by **David E. Wells**
Date/Time Received **04/27/11 10:48**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
1,2,4-Trichlorobenzene	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 18:30	BTJ
1,3-Dinitrobenzene	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
1,4-Naphthoquinone	ug/L	1 U	EPA 8270**	11	1	04/29/11 09:00	05/04/11 18:30	BTJ
1,4-Phenylenediamine	ug/L	1 U	EPA 8270**	26	1	04/29/11 09:00	05/04/11 18:30	BTJ
1-Naphthylamine	ug/L	0.7 U	EPA 8270**	3	0.7	04/29/11 09:00	05/04/11 18:30	BTJ
2,3,4,6-Tetrachlorophenol	ug/L	0.5 U	EPA 8270**	3	0.5	04/29/11 09:00	05/04/11 18:30	BTJ
2,4,5-Trichlorophenol	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 18:30	BTJ
2,4,6-Trichlorophenol	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
2,4-Dichlorophenol	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
2,4-Dimethylphenol	ug/L	2 U	EPA 8270	11	2	04/29/11 09:00	05/04/11 18:30	BTJ
2,4-Dinitrophenol	ug/L	11 U	EPA 8270	26	11	04/29/11 09:00	05/04/11 18:30	BTJ
2,4-Dinitrotoluene	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 18:30	BTJ
2,6-Dinitrotoluene	ug/L	0.4 U	EPA 8270	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
2-Acetylaminofluorene	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
2-Chloronaphthalene	ug/L	0.2 U	EPA 8270	3	0.2	04/29/11 09:00	05/04/11 18:30	BTJ
2-Chlorophenol	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
2-Methylphenol	ug/L	0.5 U	EPA 8270**	3	0.5	04/29/11 09:00	05/04/11 18:30	BTJ
2,6-Dichlorophenol	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
2-Naphthylamine	ug/L	0.7 U	EPA 8270**	3	0.7	04/29/11 09:00	05/04/11 18:30	BTJ
2-Nitroaniline	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 18:30	BTJ
1,3,5-Trinitrobenzene	ug/L	1 U	EPA 8270**	11	1	04/29/11 09:00	05/04/11 18:30	BTJ
2-Nitrophenol	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
o-Toluidine	ug/L	0.7 U	EPA 8270**	3	0.7	04/29/11 09:00	05/04/11 18:30	BTJ
3,3-Dichlorobenzidine	ug/L	1 U	EPA 8270	3	1	04/29/11 09:00	05/04/11 18:30	BTJ
3,3'-Dimethylbenzidine	ug/L	1 U	EPA 8270**	11	1	04/29/11 09:00	05/04/11 18:30	BTJ
3/4-Methylphenol	ug/L	0.5 U	EPA 8270**	3	0.5	04/29/11 09:00	05/04/11 18:30	BTJ
3-Methylcholanthrene	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
3-Nitroaniline	ug/L	0.5 U	EPA 8270**	3	0.5	04/29/11 09:00	05/04/11 18:30	BTJ
4,6-Dinitro-2-methylphenol	ug/L	1 U	EPA 8270	11	1	04/29/11 09:00	05/04/11 18:30	BTJ
4-Aminobiphenyl	ug/L	0.6 U	EPA 8270**	3	0.6	04/29/11 09:00	05/04/11 18:30	BTJ
4-Bromophenyl phenyl ether	ug/L	0.6 U	EPA 8270	3	0.6	04/29/11 09:00	05/04/11 18:30	BTJ
4-Chloro-3-methylphenol	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
4-Chloroaniline	ug/L	0.6 U	EPA 8270**	3	0.6	04/29/11 09:00	05/04/11 18:30	BTJ
4-Chlorophenyl phenyl ether	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
4-Nitroaniline	ug/L	0.5 U	EPA 8270**	3	0.5	04/29/11 09:00	05/04/11 18:30	BTJ
4-Nitrophenol	ug/L	0.5 U	EPA 8270	11	0.5	04/29/11 09:00	05/04/11 18:30	BTJ
5-Nitro-o-toluidine	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 18:30	BTJ

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May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name Lena Rd County LF-Leachates

Sample Description Lift Station #3 AE37562
Matrix Wastewater
SAL Sample Number 1102487-03
Date/Time Collected 04/26/11 09:35
Collected by David E. Wells
Date/Time Received 04/27/11 10:48

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
7,12-Dimethylbenz(a)anthracene	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
Acetophenone	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
Benzyl alcohol	ug/L	0.7 U	EPA 8270**	3	0.7	04/29/11 09:00	05/04/11 18:30	BTJ
Bis(2-chloroethoxy)methane	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
Bis(2-chloroethyl)ether	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
Bis(2-chloroisopropyl) ether	ug/L	0.3 U	EPA 8270	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
Bis(2-ethylhexyl)phthalate	ug/L	3 U	EPA 8270	11	3	04/29/11 09:00	05/04/11 18:30	BTJ
Butyl benzyl phthalate	ug/L	0.7 U	EPA 8270	3	0.7	04/29/11 09:00	05/04/11 18:30	BTJ
Chlorobenzilate	ug/L	0.9 U	EPA 8270**	11	0.9	04/29/11 09:00	05/04/11 18:30	BTJ
Diallate	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
Dibenzofuran	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 18:30	BTJ
Chrysene	ug/L	0.03	EPA 8270	0.02	0.003	04/29/11 09:00	05/05/11 17:27	BTJ
Diethyl phthalate	ug/L	0.7 U	EPA 8270	3	0.7	04/29/11 09:00	05/04/11 18:30	BTJ
Dimethoate	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
Dimethylphthalate	ug/L	1 U	EPA 8270	11	1	04/29/11 09:00	05/04/11 18:30	BTJ
Di-n-butyl phthalate	ug/L	0.6 U	EPA 8270**	3	0.6	04/29/11 09:00	05/04/11 18:30	BTJ
Di-n-octylphthalate	ug/L	0.5 U	EPA 8270	3	0.5	04/29/11 09:00	05/04/11 18:30	BTJ
Diphenylamine	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
Disulfoton	ug/L	0.2 U	EPA 8270**	3	0.2	04/29/11 09:00	05/04/11 18:30	BTJ
Ethyl Methanesulfonate	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
Famphur	ug/L	0.5 U	EPA 8270**	3	0.5	04/29/11 09:00	05/04/11 18:30	BTJ
Hexachlorobenzene	ug/L	0.4 U	EPA 8270	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
Hexachlorobutadiene	ug/L	0.2 U	EPA 8270	3	0.2	04/29/11 09:00	05/04/11 18:30	BTJ
Hexachlorocyclopentadiene	ug/L	0.2 U	EPA 8270	3	0.2	04/29/11 09:00	05/04/11 18:30	BTJ
Hexachloroethane	ug/L	0.4 U	EPA 8270	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
Hexachloropropene	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
Isodrin	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
Isophorone	ug/L	0.2 U	EPA 8270	3	0.2	04/29/11 09:00	05/04/11 18:30	BTJ
Isosafrole	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
Kepone	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
Methapyrilene	ug/L	4 U	EPA 8270**	11	4	04/29/11 09:00	05/04/11 18:30	BTJ
Methyl Methanesulfonate	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
Nitrobenzene	ug/L	0.4 U	EPA 8270	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
N-Nitrosodibutylamine	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
N-Nitrosodiethylamine	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
N-Nitrosodimethylamine	ug/L	0.4 U	EPA 8270	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
N-Nitrosodi-n-propylamine	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ

FDOH Laboratory No.E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q.A. Manager

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 FAX 813-855-2218



Manatee County Utility Operations Central Lab
4751 66th St. W.
Bradenton, FL 34210

May 11, 2011
Work Order: 1102487

Laboratory Report

Project Name **Lena Rd County LF-Leachates**

Sample Description **Lift Station #3 AE37562**
Matrix **Wastewater**
SAL Sample Number **1102487-03**
Date/Time Collected **04/26/11 09:35**
Collected by **David E. Wells**
Date/Time Received **04/27/11 10:48**

Parameters	Units	Results *	Method	PQL	MDL	Prepared	Analyzed	By
N-Nitrosodiphenylamine	ug/L	1 U	EPA 8270	3	1	04/29/11 09:00	05/04/11 18:30	BTJ
N-Nitrosomethylethylamine	ug/L	0.7 U	EPA 8270**	3	0.7	04/29/11 09:00	05/04/11 18:30	BTJ
N-Nitrosopiperidine	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
N-Nitrosopyrrolidine	ug/L	0.7 U	EPA 8270**	3	0.7	04/29/11 09:00	05/04/11 18:30	BTJ
O,O,O-Triethyl phosphorothioate	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
Parathion	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
Parathion,methyl	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
p-Dimethylaminoazobenzene	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
Pentachlorobenzene	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
Pentachloronitrobenzene	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
Pentachlorophenol	ug/L	2 U	EPA 8270	11	2	04/29/11 09:00	05/04/11 18:30	BTJ
Dibenzo(a,h)anthracene	ug/L	0.01 U	EPA 8270	0.02	0.01	04/29/11 09:00	05/05/11 17:27	BTJ
Phenacetin	ug/L	0.6 U	EPA 8270**	3	0.6	04/29/11 09:00	05/04/11 18:30	BTJ
Phenol	ug/L	0.5 I	EPA 8270	3	0.2	04/29/11 09:00	05/04/11 18:30	BTJ
Phentermine	ug/L	16 U	EPA 8270**	53	16	04/29/11 09:00	05/04/11 18:30	BTJ
Phorate	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
Pronamide	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
Safrole	ug/L	0.3 U	EPA 8270**	3	0.3	04/29/11 09:00	05/04/11 18:30	BTJ
Thionazin	ug/L	0.4 U	EPA 8270**	3	0.4	04/29/11 09:00	05/04/11 18:30	BTJ
Fluoranthene	ug/L	0.07	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 17:27	BTJ
Fluorene	ug/L	0.2	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 17:27	BTJ
Indeno(1,2,3-cd)pyrene	ug/L	0.005 U	EPA 8270	0.02	0.005	04/29/11 09:00	05/05/11 17:27	BTJ
1-Methylnaphthalene	ug/L	0.4	EPA 8270**	0.02	0.001	04/29/11 09:00	05/05/11 17:27	BTJ
2-Methylnaphthalene	ug/L	0.5	EPA 8270**	0.02	0.002	04/29/11 09:00	05/05/11 17:27	BTJ
Naphthalene	ug/L	0.5	EPA 8270	0.02	0.002	04/29/11 09:00	05/05/11 17:27	BTJ
Phenanthrene	ug/L	0.08	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 17:27	BTJ
Pyrene	ug/L	0.06	EPA 8270	0.02	0.001	04/29/11 09:00	05/05/11 17:27	BTJ
Inorganics								
Cyanide	mg/L	0.0050 U	SM 4500CN-E	0.020	0.0050	05/04/11 10:00	05/04/11 14:30	MJV
Sulfide	mg/L	1.2	SM 4500SF	0.40	0.10		04/29/11 09:30	MMF

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

David E Wells

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Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

2

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
<i>4-26-11</i>	<i>1000</i>	AE37561	GW	Lena Road Leachate Lift Station # 2	1L glass; Grab/comp	<i>1</i>		\$258HERB-CONTRACT <i>2</i>
		AE37561	GW	Lena Road Leachate Lift Station # 2	1L glass; Grab/comp			\$258HERB-CONTRACT
		AE37561	GW	Lena Road Leachate Lift Station # 2	1L glass; Grab/comp			\$258HERB-CONTRACT
<i>4-26-11</i>	<i>1000</i>	AE37561	GW	Lena Road Leachate Lift Station # 2	HDPE w/HNO3; Grab/Comp.	<i>1</i>	☒	HG

Signature	Print Name	Company	Date	Time
Relinquished By: <i>David E Wells</i>	<i>David E Wells</i>	<i>Industrial Compliance</i>	<i>4-26-11</i>	<i>1105</i>
Received By: <i>[Signature]</i>	<i>BLANK</i>	<i>MCU</i>	<i>4-26-11</i>	<i>1140</i>
Relinquished By:				
Received By:				

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

David E Wells

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Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

4

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
<i>4-26-11</i>	<i>1000</i>	AE37561	GW	Lena Road Leachate Lift Station # 2	Amber glass unpres. Grab/Comp.	<i>1</i>		\$258OPPEST-CONTRACT <i>1</i>
<i>4-26-11</i>	<i>1000</i>	AE37561	GW	Lena Road Leachate Lift Station # 2	HDPE w/ascorbic; Grab	<i>1</i>		CN-CONTRACT
<i>4-26-11</i>	<i>1000</i>	AE37561	GW	Lena Road Leachate Lift Station # 2	HDPE unpres., Grab/Comp.	<i>1</i>		ALK
<i>4-26-11</i>	<i>1000</i>	AE37561	GW	Lena Road Leachate Lift Station # 2	1L glass; Grab/comp	<i>1</i>		\$258HERB-CONTRACT <i>1</i>

Signature	Print Name	Company	Date	Time
Relinquished By: <i>David E Wells</i>	<i>David E Wells</i>	<i>INDUSTRIAL/Compliance</i>	<i>4-26-11</i>	<i>1105</i>
Received By: <i>[Signature]</i>	<i>BTANFOR</i>	<i>MCM</i>	<i>4-26-11</i>	<i>1126</i>
Relinquished By:				
Received By:				

Comments:

Turb 3.71
Temp 26.0
Conc 1870

DO 4.84
pH 7.16
ORP -44.1

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

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Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:
2

Temperature:
1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
		AE37561	GW	Lena Road Leachate Lift Station # 2	Amber glass unpres. Grab/Comp.			\$258OPPEST-CONTRACT
		AE37561	GW	Lena Road Leachate Lift Station # 2	Amber glass unpres. Grab/Comp.			\$258OPPEST-CONTRACT
4-26-11	1000	AE37561	GW	Lena Road Leachate Lift Station # 2	Glass w/Na2S2O3; Grab/Comp.	1		\$258SEMIVOCS-CONTRACT 1
4-26-11	1000	AE37561	GW	Lena Road Leachate Lift Station # 2	Glass w/Na2S2O3; Grab/Comp.	1		\$258SEMIVOCS-CONTRACT 2

Signature	Print Name	Company	Date	Time
Relinquished By: <u>David E Wells</u>	<u>DAVID E Wells</u>	<u>IC</u>	<u>4-26-11</u>	<u>1105</u>
Received By: <u>[Signature]</u>	<u>Ed Connor</u>	<u>MCU</u>	<u>4-26-11</u>	<u>11:46</u>
Relinquished By:				
Received By:				

Comments: _____

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: David E Wells

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Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:
3

Temperature:
10

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
4-26-11	1000	AE37561	GW	Lena Road Leachate Lift Station # 2	HDPE unpres.; Grab/Comp.	1		CLIC
		AE37561	GW	Lena Road Leachate Lift Station # 2	Amber glass unpres. Grab/Comp.			\$258PCB-CONTRACT
4-26-11	1000	AE37561	GW	Lena Road Leachate Lift Station # 2	40 ml glass; Grab	1		\$25818011-CONTRACT
4-26-11	1000	AE37561	GW	Lena Road Leachate Lift Station # 2	Amber glass unpres. Grab/Comp.	1		\$258OPPEST-CONTRACT 2

Signature	Print Name	Company	Date	Time
Relinquished By: <u>David E Wells</u>	<u>DAVID E Wells</u>	<u>INDUSTRIAL KARYDANCE</u>	<u>4-26-11</u>	<u>1105</u>
Received By: <u>[Signature]</u>	<u>ETAN ROTA</u>	<u>MECH</u>	<u>4-26-11</u>	<u>1126</u>
Relinquished By:				
Received By:				

Comments: _____

CHAIN OF CUSTODY RECORD

Sampler Signature: *David E Wells*

Print Name: DAVID E Wells

Page 3 of 8
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Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

4

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
4-26-11	1000	AE37561	GW	Lena Road Leachate Lift Station # 2	HDPE w/HNO3; Grab/Comp.	1	☒	\$ICPWATER
4-26-11	1000	AE37561	GW	Lena Road Leachate Lift Station # 2	HDPE unpres.; Grab/Comp.	1	☐	NO3IC
4-26-11	1000	AE37561	GW	Lena Road Leachate Lift Station # 2	Amber glass unpres. Grab/Comp.	1	☐	\$258PCB-CONTRACT 1
4-26-11	1000	AE37561	GW	Lena Road Leachate Lift Station # 2	Amber glass unpres. Grab/Comp.	1	☐	\$258PCB-CONTRACT 2

Signature	Print Name	Company	Date	Time
Relinquished By: <i>David E Wells</i>	DAVID E Wells	INDUSTRIAL COMPLIANCE	4-26-11	1105
Received By: <i>[Signature]</i>	BOCANA	MCUP	4-26-11	1146
Relinquished By:				
Received By:				

Comments: _____

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: David E Wells

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Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:
2

Temperature:
1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
4-26-11	1000	AE37561	GW	Lena Road Leachate Lift Station # 2	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
4-26-11	1000	AE37561	GW	Lena Road Leachate Lift Station # 2	40 ml glass w/HCl; Grab	1		\$258VOCS-CONTRACT
		AE37561	GW	Lena Road Leachate Lift Station # 2	Amber glass unpres. Grab/Comp.			\$258PCB-CONTRACT

Signature	Print Name	Company	Date	Time
Relinquished By: <u>David E Wells</u>	<u>David E Wells</u>	<u>IC</u>	<u>4-26-11</u>	<u>1105</u>
Received By: <u>[Signature]</u>	<u>BLANK</u>	<u>MCU</u>	<u>4-26-11</u>	<u>1116</u>
Relinquished By:				
Received By:				

Comments: _____

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

DAVID E Wells

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Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

2

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
		AE37561	GW	Lena Road Leachate Lift Station # 2	Glass w/Na2S2O3; Grab/Comp.			\$258SEMIVOCs-CONTRACT
		AE37561	GW	Lena Road Leachate Lift Station # 2	Glass w/Na2S2O3; Grab/Comp.			\$258SEMIVOCs-CONTRACT
4-26-11	1000	AE37561	GW	Lena Road Leachate Lift Station # 2	HDPE w/NaOH	1		SULF-CONTRACT
4-26-11	1000	AE37561	GW	Lena Road Leachate Lift Station # 2	HDPE unpreserved; Grab/Comp.	1		TDS

Signature	Print Name	Company	Date	Time
Relinquished By: <i>David E Wells</i>	DAVID E Wells	IC	4-26-11	1105
Received By: <i>[Signature]</i>	BOONMAN	MCUP	4-26-11	1146
Relinquished By:				
Received By:				

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

David E Wells

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Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

2

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
		AE37562	GW	Lena Road Leachate Lift Station # 3	Amber glass unpres. Grab/Comp.			\$258OPPEST-CONTRACT
		AE37562	GW	Lena Road Leachate Lift Station # 3	Amber glass unpres. Grab/Comp.			\$258OPPEST-CONTRACT
<i>4-26-11</i>	<i>0935</i>	AE37562	GW	Lena Road Leachate Lift Station # 3	Glass w/Na2S2O3; Grab/Comp.	<i>1</i>		\$258SEMIVOCS-CONTRACT <i>1</i>
<i>4-26-11</i>	<i>0935</i>	AE37562	GW	Lena Road Leachate Lift Station # 3	Glass w/Na2S2O3; Grab/Comp.	<i>1</i>		\$258SEMIVOCS-CONTRACT <i>2</i>

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

DAVID E Wells

IC

4-26-11

1105

Received By:

[Signature]

BLANCA

MCUD

4-26-11

1140

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

DAVID E Wells

Page 6 of 8

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Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

2

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
		AE37562	GW	Lena Road Leachate Lift Station # 3	Glass w/Na2S2O3; Grab/Comp.			\$258SEMI VOCS -CONTRACT
		AE37562	GW	Lena Road Leachate Lift Station # 3	Glass w/Na2S2O3; Grab/Comp.			\$258SEMI VOCS -CONTRACT
4-26-11	0935	AE37562	GW	Lena Road Leachate Lift Station # 3	HDPE w/NaOH	1		SULF-CONTRACT
4-26-11	0935	AE37562	GW	Lena Road Leachate Lift Station # 3	HDPE unpreserved; Grab/Comp.	1		TDS

Signature	Print Name	Company	Date	Time
Relinquished By: <i>David E Wells</i>	DAVID E Wells	FC	4-26-11	1105
Received By: <i>[Signature]</i>	BLANCO	MCA	4-26-11	1140
Relinquished By:				
Received By:				

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: David E Wells

Print Name: DAVID E Wells

Page 7 of 8

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Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

2

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
4-26-11	0935	AE37562	GW	Lena Road Leachate Lift Station # 3	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
4-26-11	0935	AE37562	GW	Lena Road Leachate Lift Station # 3	40 ml glass w/HCl; Grab	1		\$258VOCS-CONTRACT
		AE37562	GW	Lena Road Leachate Lift Station # 3	Amber glass unpres. Grab/Comp.			\$258PCB-CONTRACT

Signature	Print Name	Company	Date	Time
Relinquished By: <u>David E Wells</u>	<u>DAVID E Wells</u>	<u>IC</u>	<u>4-26-11</u>	<u>1105</u>
Received By: <u>[Signature]</u>	<u>BLANKINS</u>	<u>MCW</u>	<u>4-26-11</u>	<u>1140</u>
Relinquished By:				
Received By:				

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

DAVID E Wells

Page 4 of 8

4/25/2011 2:28:57 PM

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

3

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
4-26-11	0935	AE37562	GW	Lena Road Leachate Lift Station # 3	HDPE unpres.; Grab/Comp.	1		CLIC
		AE37562	GW	Lena Road Leachate Lift Station # 3	Amber glass unpres. Grab/Comp.			\$258PCB-CONTRACT
4-26-11	0935	AE37562	GW	Lena Road Leachate Lift Station # 3	40 ml glass; Grab	1		\$25818011-CONTRACT
4-26-11	0935	AE37562	GW	Lena Road Leachate Lift Station # 3	Amber glass unpres. Grab/Comp.	1		\$258OPPEST-CONTRACT 2

Signature	Print Name	Company	Date	Time
Relinquished By: <i>David E Wells</i>	DAVID E Wells	IC	4-26-11	1105
Received By: <i>[Signature]</i>	ECAMARA	MCW	4-26-11	1140
Relinquished By:				
Received By:				

Comments: _____

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

DAVID E Wells

Page 3 of 8

4/25/2011 2:28:57 PM

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

4

Temperature:

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
<i>4-26-11</i>	<i>0935</i>	AE37562	GW	Lena Road Leachate Lift Station # 3	HDPE w/HNO3; Grab/Comp.	<i>1</i>	☒	\$ICPWATER
<i>4-26-11</i>	<i>0935</i>	AE37562	GW	Lena Road Leachate Lift Station # 3	HDPE unpres.; Grab/Comp.	<i>1</i>	☐	NO3IC
<i>4-26-11</i>	<i>0935</i>	AE37562	GW	Lena Road Leachate Lift Station # 3	Amber glass unpres. Grab/Comp.	<i>1</i>	☐	\$258PCB-CONTRACT <i>1</i>
<i>4-26-11</i>	<i>0935</i>	AE37562	GW	Lena Road Leachate Lift Station # 3	Amber glass unpres. Grab/Comp.	<i>1</i>	☐	\$258PCB-CONTRACT <i>2</i>

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

DAVID E Wells

IC

4-26-11

1105

Received By:

BCANADA

BCANADA

MEUP

4-26-11

1140

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

David E Wells

Page 2 of 8

4/25/2011 2:28:57 PM

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

4

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
4-26-11	0935	AE37562	GW	Lena Road Leachate Lift Station # 3	1L glass; Grab/comp	1		\$258HERB-CONTRACT 2
4-26-11	0935	AE37562	GW	Lena Road Leachate Lift Station # 3	1L glass; Grab/comp	1		\$258HERB-CONTRACT 3
4-26-11	0935	AE37562	GW	Lena Road Leachate Lift Station # 3	1L glass; Grab/comp	1		\$258HERB-CONTRACT 4
4-26-11	0935	AE37562	GW	Lena Road Leachate Lift Station # 3	HDPE w/HNO3; Grab/Comp.	1	✓	HG

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

David E Wells

IC

4-26-11

1105

Received By:

[Signature]

ETAMMA

MCNP

4-26-11

1140

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

DAVID E Wells

Page 1 of 8

4/25/2011 2:28:57 PM

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

4

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
<i>4-26-11</i>	<i>0935</i>	AE37562	GW	Lena Road Leachate Lift Station # 3	Amber glass unpres. Grab/Comp.	<i>1</i>		\$258OPPEST-CONTRACT
<i>4-26-11</i>	<i>0935</i>	AE37562	GW	Lena Road Leachate Lift Station # 3	HDPE w/ascorbic; Grab	<i>1</i>	☒	CN-CONTRACT
<i>4-26-11</i>	<i>0935</i>	AE37562	GW	Lena Road Leachate Lift Station # 3	HDPE unpres., Grab/Comp.	<i>1</i>		ALK
<i>4-26-11</i>	<i>0935</i>	AE37562	GW	Lena Road Leachate Lift Station # 3	1L glass; Grab/comp	<i>1</i>		\$258HERB-CONTRACT

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

DAVID E Wells

IC

4-26-11

1105

Received By:

BCAMARA

BCAMARA

MCJA

4-26-11

1140

Relinquished By:

Received By:

Comments:

Turbidity
Temp
Cond

8.81

26.4

3360

Dp 5.98

ph 7.34

orp -54.4

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

DAVID E Wells

Page 7 of 8

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Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

3

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
4-26-11	0920	AE37560	GW	Lena Road Leachate Lift Station # 1	HDPE w/H2SO4 pres.; Grab/Comp.	1	✓	AMM
4-26-11	0920	AE37560	GW	Lena Road Leachate Lift Station # 1	40 ml glass w/HCl; Grab	1		\$258VOCS-CONTRACT
4-26-11	0920	AE37560	GW	Lena Road Leachate Lift Station # 1	Amber glass unpres. Grab/Comp.	1		\$258PCB-CONTRACT 4

Signature	Print Name	Company	Date	Time
Relinquished By: <i>David E Wells</i>	DAVID E Wells	IC	4-26-11	1105
Received By: <i>[Signature]</i>	BTANANA	MEUD	4-26-11	1135
Relinquished By:				
Received By:				

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

DAVID E Wells

Page 6 of 8

4/25/2011 2:27:52 PM

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285

Fax: 941-795-3477

Contact: Jeff Goodwin

Total Number of Containers:

2

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
		AE37560	GW	Lena Road Leachate Lift Station # 1	Glass w/Na2S2O3; Grab/Comp.			\$258SEMI VOCS-CONTRACT
		AE37560	GW	Lena Road Leachate Lift Station # 1	Glass w/Na2S2O3; Grab/Comp.			\$258SEMI VOCS-CONTRACT
4-26-11	0920	AE37560	GW	Lena Road Leachate Lift Station # 1	HDPE w/NaOH	1		SULF-CONTRACT
4-26-11	0920	AE37560	GW	Lena Road Leachate Lift Station # 1	HDPE unpreserved; Grab/Comp.	1		TDS

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

DAVID E Wells

IC

4-26-11

1105

Received By:

BTANAKA

BTANAKA

MCW

4-26-11

1135

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature: _____

David E Wells

Print Name: _____

DAVID E Wells

Page 5 of 8

4/25/2011 2:27:52 PM

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers: _____

4

Temperature: _____

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
<i>4-26-11</i>	<i>0920</i>	AE37560	GW	Lena Road Leachate Lift Station # 1	Amber glass unpres. Grab/Comp.	<i>1</i>		\$258OPPEST-CONTRACT <i>3</i>
<i>4-26-11</i>	<i>0920</i>	AE37560	GW	Lena Road Leachate Lift Station # 1	Amber glass unpres. Grab/Comp.	<i>1</i>		\$258OPPEST-CONTRACT <i>4</i>
<i>4-26-11</i>	<i>0920</i>	AE37560	GW	Lena Road Leachate Lift Station # 1	Glass w/Na2S2O3; Grab/Comp.	<i>1</i>		\$258SEMIVOCS-CONTRACT <i>1</i>
<i>4-26-11</i>	<i>0920</i>	AE37560	GW	Lena Road Leachate Lift Station # 1	Glass w/Na2S2O3; Grab/Comp.	<i>1</i>		\$258SEMIVOCS-CONTRACT <i>2</i>

Signature	Print Name	Company	Date	Time
Relinquished By: <i>David E Wells</i>	<i>DAVID E Wells</i>	<i>FC</i>	<i>4-26-11</i>	<i>1105</i>
Received By: <i>[Signature]</i>	<i>BLANCO</i>	<i>MCD</i>	<i>4-26-11</i>	<i>1140</i>
Relinquished By:				
Received By:				

Comments: _____

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

DAVID E Wells

Page 4 of 8

4/25/2011 2:27:52 PM

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

4

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
4-26-11	0920	AE37560	GW	Lena Road Leachate Lift Station # 1	HDPE unpres.; Grab/Comp.	1		CLIC
4-26-11	0920	AE37560	GW	Lena Road Leachate Lift Station # 1	Amber glass unpres. Grab/Comp.	1		\$258PCB-CONTRACT 3
4-26-11	0920	AE37560	GW	Lena Road Leachate Lift Station # 1	40 ml glass; Grab	1		\$25818011-CONTRACT
4-26-11	0920	AE37560	GW	Lena Road Leachate Lift Station # 1	Amber glass unpres. Grab/Comp.	1		\$258OPPEST-CONTRACT 4

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

DAVID E Wells

IC

4-26-11

1105

Received By:

BTANADA

BTANADA

MR UD

4-26-11

1135

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

David E Wells

Page 1 of 8

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Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

4

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
<i>4-26-11</i>	<i>0920</i>	AE37560	GW	Lena Road Leachate Lift Station # 1	Amber glass unpres. Grab/Comp.	<i>1</i>		\$258OPPEST-CONTRACT <i>1</i>
<i>4-26-11</i>	<i>0920</i>	AE37560	GW	Lena Road Leachate Lift Station # 1	HDPE w/ascorbic; Grab	<i>1</i>	☒	CN-CONTRACT
<i>4-26-11</i>	<i>0920</i>	AE37560	GW	Lena Road Leachate Lift Station # 1	HDPE unpres., Grab/Comp.	<i>1</i>		ALK
<i>4-26-11</i>	<i>0920</i>	AE37560	GW	Lena Road Leachate Lift Station # 1	1L glass; Grab/comp	<i>1</i>		\$258HERB-CONTRACT <i>1</i>

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

DAVID E Wells

IC

4-26-11

1105

Received By:

[Signature]

[Signature]

MCUD

4-26-11

11:39

Relinquished By:

Received By:

Comments:

Turbidity
Temp
Cond

12.3
27.1
5030

DO *4.69*
pH *7.22*
ORP *-47.4*

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

David E Wells

Page 2 of 8

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Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

2

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
4-26-11	0920	AE37560	GW	Lena Road Leachate Lift Station # 1	1L glass; Grab/comp	1		\$258HERB-CONTRACT 2
		AE37560	GW	Lena Road Leachate Lift Station # 1	1L glass; Grab/comp			\$258HERB-CONTRACT
		AE37560	GW	Lena Road Leachate Lift Station # 1	1L glass; Grab/comp			\$258HERB-CONTRACT
4-26-11	0920	AE37560	GW	Lena Road Leachate Lift Station # 1	HDPE w/HNO3; Grab/Comp.	1	✓	HG

Signature

Print Name

Company

Date

Time

Relinquished By:

David E Wells

David E Wells

IC

4-26-11

1105

Received By:

BTAN

MCW

4-26-11

11:39

Relinquished By:

Received By:

Comments:

CHAIN OF CUSTODY RECORD

Sampler Signature:

David E Wells

Print Name:

DAVID E Wells

Page 3 of 8

4/25/2011 2:27:52 PM

Manatee County Utilities
Central Laboratory
4751 66th Street West
Bradenton, FL 34210

Phone: 941-792-8811, Ext. 5285
Fax: 941-795-3477
Contact: Jeff Goodwin

Total Number of Containers:

4

Temperature:

1.0

Collection Date	Collection Time	Sample ID	Matrix	Description	Pres., Bottle/Sample Type	# Cont	Pres Check	Analysis
<i>4-26-11</i>	<i>0920</i>	AE37560	GW	Lena Road Leachate Lift Station # 1	HDPE w/HNO3; Grab/Comp.	<i>1</i>	☒	\$ICPWATER
<i>4-26-11</i>	<i>0920</i>	AE37560	GW	Lena Road Leachate Lift Station # 1	HDPE unpres.; Grab/Comp.	<i>1</i>	☐	NO3IC
<i>4-26-11</i>	<i>0920</i>	AE37560	GW	Lena Road Leachate Lift Station # 1	Amber glass unpres. Grab/Comp.	<i>1</i>	☐	\$258PCB-CONTRACT
<i>4-26-11</i>	<i>0920</i>	AE37560	GW	Lena Road Leachate Lift Station # 1	Amber glass unpres. Grab/Comp.	<i>1</i>	☐	\$258PCB-CONTRACT

Signature	Print Name	Company	Date	Time
Relinquished By: <i>David E Wells</i>	<i>DAVID E Wells</i>	<i>IC</i>	<i>4-26-11</i>	<i>1105</i>
Received By: <i>[Signature]</i>	<i>ECAMMOS</i>	<i>MCON</i>	<i>4-26-11</i>	<i>1139</i>
Relinquished By:				
Received By:				

Comments: